

## Ralph Sampson UPI's Player of the Year

**YORK (UPI)** — Ralph Sampson, the 7-foot-4 center who made one of the citadels of college basketball, Thursday was named Player of the Year by United Press International.

Sampson is the second consecutive year he has won the honor. The last time he did so was Bill Walton of the University of California, who was named the nation's top player for three straight seasons (1977-79).

Sampson, a junior from Richmond, Va., was an overwhelming favorite with 121 votes. Terry Cummings of DePaul was second with 22 votes and Kevin Magee of California was third with three.

Winning this award is a great honor and for the University of Virginia, Sampson said. "It's a great honor to me, my teammates and the coaching staff. The only thing that means more would be winning the national championship."

**THE ARRIVAL** of Sampson in the nation's basketball powers. In 1980, the Cavaliers won the National Invitation Tournament. In 1981, Virginia won its first season Atlantic Coast conference title and a trip to the Final Four. This season the Cavaliers are 30-10, a No. 3 ranking and a berth in the finals of the NCAA Midwest Regional.

Though Sampson has not scored as much as he did last year, his game has matured to a fuller dimension. While he has always been a scorer, he can now hit the jump shot, play more active defense and direct his teammates on the floor.

Sampson averaged more than 11 points and nearly 16 points a game last season while shooting 56 percent from the field and winning All-American honors for the second consecutive year. Slender at 220 pounds, he relied on finesse rather than power.

## basketball Player of year

Members of the United Press International basketball Player of the Year award:  
Ralph Sampson, Virginia  
Ralph Sampson, Virginia  
Mark Aguirre, DePaul  
Larry Bird, Indiana State  
Butch Lee, Marquette  
Marques Johnson, UCLA  
Scott May, Indiana  
David Thompson, N. Carolina St.  
Bill Walton, UCLA  
Bill Walton, UCLA  
Bill Walton, UCLA  
Austin Carr, Notre Dame  
Pete Maravich, Louisiana State  
Lew Alcindor, UCLA  
Elvin Hayes, Houston  
Lew Alcindor, UCLA  
Cazzie Russell, Michigan  
Bill Bradley, Princeton  
Gary Bradds, Ohio State  
Art Heyman, Duke  
Jerry Lucas, Ohio State  
Jerry Lucas, Ohio State  
Oscar Robertson, Cincinnati  
Oscar Robertson, Cincinnati  
Oscar Robertson, Cincinnati  
Chet Forte, Columbia  
Bill Russell, San Francisco  
Tom Gola, LaSalle

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## WAYS

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# The Daily Iowan

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Iowa City's Morning Newspaper

Monday, March 29, 1982

## Consultants call daycare quotas 'numbers game'

By Scott Sonner  
Staff Writer

The Iowa Department of Social Services' revised staffing formula that went into effect Friday is a "numbers game" which will damage the quality of day care more than 20,000 Iowa families depend on, according to area daycare consultants.

The revised formula doubles the quota of daycare centers and preschools that the state's daycare consultants must inspect and license each year. The quota was raised because the state social services department devalued the work of its daycare consultants last summer.

### Analysis

Seven state daycare consultants in eastern Iowa told The Daily Iowan last week that the new quotas cannot be met and that more daycares will operate below minimum state standards intentionally or out of ignorance.

Iowa City-based daycare consultant John Kramer, and the six other daycare consultants who did not want to be identified for fear of departmental reprimand, described the new quotas as a "numbers game" that under-values the worth of daycare in-

spection and licensing.

A SPOKESWOMAN for the state social services office said Friday the department is not "inflexible" on the new staffing formula and that field workers should not be afraid to complain about the higher case quotas.

Earlier the social services administration had refused to acknowledge that the new staffing formula could affect the quality of Iowa daycares. But Friday Sandra Taylor, the assistant administrator of field operations, admitted "we could have some problems with a small number of consulting staff covering such a large area" and that a "communication

problem" may exist between the Des Moines office and field workers.

The state office has "informally" asked district administrators to monitor the effects of the new staffing formula, she said. But even if the department decided to change the staffing formula again, the new case quotas would not take effect until July and most likely not until October.

But Kramer said the state office is not concerned with daycare quality and suspects the new quotas for daycare consultants were made impossibly high so the social services department could justify the elimination of state daycare inspection and licensing.

"One of the best ways to justify

cutting a service is to provide that service poorly," Kramer said.

LAST FISCAL year, Kramer was responsible for the annual inspection and re-licensing of 54 daycare centers and preschools in Johnson, Washington and Iowa counties.

Now Kramer has been re-assigned as a family therapist and his replacement is responsible for licensing 159 centers in a 10-county area, including Iowa City's 35 daycare centers and preschools. The 10-county area stretches from south of Iowa City to north of Ames.

Kramer said he "never really caught up" with licensing daycare centers and

preschools even under the old quota system.

The devaluation was approved last summer when the social services department was faced with federal and state funding reductions and needed to reduce its field staff. The revised staffing formula reduces the department's "weighted" value of some social services, such as child abuse case work and daycare inspection and licensing, so the yearly case quota of these social workers increased.

The Iowa Legislature funds the social services department according to a staffing formula that has two variables, the "case weight" of dif-

See Daycare, page 7



The Daily Iowan/Max Haynes

### Rats!

Lory Miller, daughter of Edward and Jaqueline Miller of Cedar Rapids, hadn't planned to spend Sunday afternoon in a City Park tree. But her brother's kite

didn't know that. Unfortunately, her brave effort was to no avail and she later climbed down and let the hungry old tree finish its meal in peace.

## AFSCME to file election petition

By Jennifer Shafer  
Staff Writer

The American Federation of State, County, and Municipal Employees will file a petition today asking for a statewide election to decide if some 6,000 state-employed office and clerical workers will be unionized, AFSCME officials said Saturday.

The UI employs about 1,700 office and clerical workers.

Union officials have been working since September to get 30 percent of the workers to sign cards indicating they want an election. Over 2,000 cards calling for an election have been signed by the office and clerical workers and

submitted to AFSCME, Larry Scarpino, public affairs representative for AFSCME in Des Moines, said Saturday.

The petition will be filed with the Iowa Public Employment Relations Board, which must certify that the cards are signed by office and clerical workers currently employed by the state.

Pete Pashler, board member, said the cards will be counted and checked against a computerized list of state-employed clerical workers. The board must also estimate the total number of workers on the date the petition for an election is filed, Pashler said.

BECAUSE OF turnover among the workers and differing payroll schedules, Pashler said, the number of workers may be difficult to estimate.

But, he said "We should be able to say 'yes' or 'no' about whether they (AFSCME) can have the election within a week and a half of the date the petition is filed."

PERB is also charged with setting a date for the union election if AFSCME has the needed 30 percent support, Pashler said. But, an election date will not be set less than four weeks from the date the election is granted, "and it will probably be closer to five or six weeks," Pashler said.

If an election is granted, AFSCME

needs a majority of the workers who vote to indicate they want to unionize. If the workers choose to unionize, AFSCME will set up a bargaining unit and choose representatives. The workers would then bargain with the state for salaries and other benefits through the union for the pay period beginning July 1, 1983.

OFFICE AND CLERICAL worker representatives on the UI Staff Council — the body that represents non-faculty employees at the UI — said earlier this month they encourage all office and clerical workers to vote in the election. The majority is determined by the

See AFSCME, page 7

CAPE CANAVERAL, Fla. (UPI) — The shuttle astronauts sped Sunday toward the windup of their record weeklong voyage in the space freighter Columbia, with everything "cooking along" for an on-schedule landing today in New Mexico.

Flight director Neil Hutchinson said the only question was weather.

He indicated that if conditions looked bad for the 1:27 p.m. (Iowa time) landing, controllers more likely would opt for staying up another day than coming home one orbit sooner, which would mean a landing an hour and a half early.

"I think we're ready to come home," Hutchinson said at a mid-evening briefing as astronauts Jack Lousma and Gordon Fullerton snoozed away, awaiting the early-morning call to get up and get ready for landing.

Hutchinson said weather conditions looked at least "acceptable" and mission officials would take another look at it early Monday.

AS FOR REPORTS that the astronauts might be brought back one orbit ahead of schedule to take advantage of normally better weather in the morning at White Sands, N.M., Hutchinson said, "We have no plans right now to come in one rev (revolution) or two revs early."

"We have this option, if we don't like it tomorrow, to wait another day," he said.

Columbia was to set down on the dusty gypsum desert surface at White Sands seven days, three hours and 27 minutes after its beautiful blastoff from the Florida spaceport last Monday.

When they went to bed, the astronauts had been told today's weather outlook at White Sands was for scattered clouds, "good visibility" and winds well within the shuttle's landing limits. At his briefing, Hutchinson said the only concern was a possible high layer of clouds and the winds, which in the desert mountains are highly unpredictable.

He said the pilots were to be awakened early, and that astronaut John Young would fly around the landing site at first light to check on the weather.

## Research from UI analyzed

By Howard Hess  
Assistant Metro Editor

HOUSTON — Even before the space shuttle brings back most of the data from a UI experiment, a 10-page report summarizing scientific findings has been written.

UI Professor Stanley Shawhan, principal investigator for the Plasma Diagnostics Package, said Sunday evening that he had prepared four pages of conclusions supported by six pages of data.

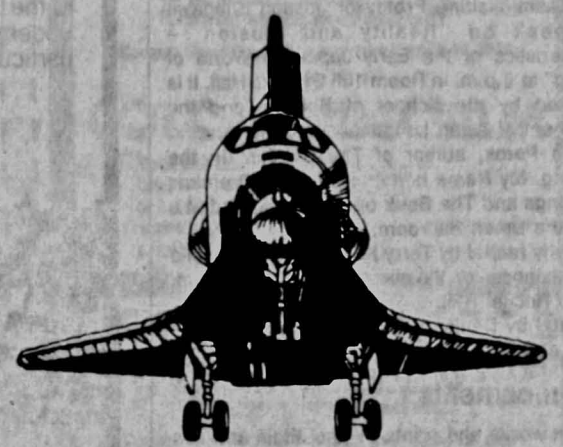
The analysis of the UI data is by no means complete; only a fraction of the data collected by the PDP during the seven-day flight is available. Most of it is recorded on magnetic tape and won't be available until at least the end of this week.

Despite problems with the shuttle that shuffled around the schedule set up for PDP experiments, Shawhan's Tuesday observation that "everything's working great" held true for the PDP.

The PDP was designed to see how the orbiter affected the environment around it. Operating latched in the orbiter's payload bay and at the end of a 50-foot robot arm, the experiment's 15 instruments gathered information of the electric and magnetic characteristics of the ionized gas — called plasma — 150 miles above the earth.

PROBLEMS WITH astronaut health and a camera in the shut-

See PDP, page 7



### Columbia

When the space shuttle Columbia beamed data back to earth, scientists — and reporters for The Daily Iowan — were waiting. Complete coverage of the UI's experiments on board and reports from mission control in Houston — Pages 8-9.

## Room and board increases approved by regents last week

By Rochelle Bozman  
Staff Writer

Increases in UI dormitory room and board rates averaging 4.3 percent were approved by the state board of regents Wednesday.

The cost of a double room and full board was increased from \$1,834 to \$1,912 for the 1982-83 academic year and \$452 to \$471 for the summer session.

Rate increases for dormitory rooms ranged from 4.1 percent for single occupancy rooms to 5.5 percent for triple or multiple occupancy rooms, bringing the cost of a single to \$1,231 and the

cost of a triple to \$748 per person per year.

The increases come amidst talk of further cuts to federal student financial aid, which may cut current funding levels in half, and tuition increases ranging from 9.5 percent to 33.3 percent.

A full board plan, 20 meals per week, went from \$974 to \$1,010 per year. The increases were necessary to offset the rising costs of utilities, labor and food, according to UI administrators.

However, the administrators said they were pleased with the increase because it is well below the national

rate of inflation, which reflects the good management of the UI Residence Halls system.

HIGH ENROLLMENT has also helped to keep the rates low, Philip Hubbard, UI vice president for Student Services, said Wednesday. "The experience of keeping the residence halls full because of increased enrollment is very helpful."

George Droll, director of UI Residence Services, said "our occupancy rate has been high, and we expect the same for several more years. Therefore, we are able to build our

See Dorms, page 7

## Inside

### Lost funds

If proposed cuts are approved, the UI will lose \$24,668,095 in federal funding to student financial aid and research, teaching and service next fall.

### Medicaid

Moving the state-run Medicaid program to Washington will remain controversial for several years, according to two health officials who spoke at the Old Brick Forum..... page 5

### Weather

Cloudy and windy today with a high around 55.



## Briefly

United Press International

### Jewish deportation hailed

PARIS — About 550 people marked the 40th anniversary of the first deportation of French Jews to Nazi extermination camps in two ceremonies Sunday in the Paris region.

At the site of the former Royallieu camp in the northern suburb of Oise, where Jews were held before being transported by "death trains" to concentration camps, 250 persons gathered to remember March 27, 1942, when the first 1,112 prisoners were deported to the Auschwitz and Birkenau camps.

### U.S. aggression feared

MANAGUA, Nicaragua — Volunteer militias threw barricades around government buildings Sunday to guard against a feared attack by U.S.-backed rightist guerrillas.

Hospitals were emptied of all but the seriously ill as the 32-month-old leftist Sandinista government put its state of emergency measures into full force.

### Polish journalist defiant

WARSAW, Poland — Fifty-one Polish journalists have signed a letter to the editor of an official national newspaper protesting the disbanding by martial law authorities of the Journalists' Association, which had pushed for more press freedom.

### Iran sends teens to battle

LONDON — Ayatollah Ruhollah Khomeini dispatched thousands of Iranian schoolboys, many aged between 12 and 18, to fight in the war against Iraq with the hope of becoming "martyrs for Allah," The Sunday Times said.

Many of the teenagers were killed in battles last week west of Dezful, the newspaper said.

### Protesters burn unpaid bills

HARRISBURG, Pa. — A small group of protesters burned more than \$300,000 in unpaid electric bills Sunday to mark the third anniversary of the nation's worst commercial nuclear accident at Three Mile Island.

But the demonstration drew only 75 people and lasted less than two hours.

### Knights 100th anniversary

NEW HAVEN, Conn. — The Knights of Columbus, the world's largest Catholic fraternal organization, marks its 100th anniversary Monday with ceremonies and a greeting from President Reagan.

The centennial observance will be highlighted by a special mass in St. Mary's Church where the organization will entomb the remains of its founder, the Rev. Michael J. McGivney.

### Crash reveals Israeli arms

LONDON — Last July, an Argentine transport plane flying out of Tehran mysteriously crashed inside Soviet Armenia, blowing the cover on secret Israeli arms shipments to Iran that Western diplomats say are still under way.

The aircraft, hired from Transport Arco of Argentina by a London arms dealer, flew to Tehran twice last summer with a cargo of Israeli-made 106 recoilless rifles.

### Quoted...

It's hard to tell. Looks almost like a couple of animals or something.

— Astronaut C. Gordon Fullerton, aboard the space shuttle Columbia Friday, commenting on the "Tigerhawk" symbol on an experiment designed at the U.S. See shuttle stories, pages 8 and 9.

## Postscripts

### Postscripts

#### Events

A physiology seminar will be given by Dr. Robert U. Simpson of the Department of Biochemistry, College of Agricultural and Life Sciences at the University of Wisconsin-Madison at 9:30 a.m. in Room 5-669 Bowen Science Building.

A social shyness workshop sponsored by the University Counseling Service will be held from 3:30 to 5 p.m. at the counseling service office in the Union.

The University Lecture Committee will meet at 5 p.m. in the Union Michigan Room.

The Nuclear Arms Freeze Campaign will hold a meeting and discussion at 7:30 p.m. in the Upper Room of Old Brick.

Ida Beam Visiting Professor Joseph Kitagawa will speak on "Reality and Illusion — Characteristics of the Early Japanese World of Meaning" at 8 p.m. in Room 106 Gilmore Hall. It is sponsored by the School of Religion and the Department of Asian Languages and Literature.

Chaim Potok, author of *The Chosen*, *The Beginning*, *My Name is Asher Lev*, *The Promise*, *Wanderings* and *The Book of Lights* will read at 8 p.m. in the Union Ballroom.

A faculty recital by Terry King on the violin and John Jensen on the piano will be held at 8 p.m. in Clapp Recital Hall.

A recital by Denise L. Morton on the piano will be held at 8:30 p.m. in Harper Hall.

#### Announcements

Recent works and prints by Joel Elgin and Jon Cavelli will be on display in the Eve Drewelowe Gallery of the Fine Arts Building March 29 through April 2. A closing reception will be held April 2. Hours are 8 a.m. to 5 p.m.

Friends of the Iowa City Public Library have announced that their used book sale scheduled for May 1 will be changed to another date. Construction work currently blocking the library's alley garage entrance cannot be rescheduled. Until a new date is set, the library continues to accept gift books, records, games and puzzles to augment its collection for upcoming sales.

# Council questions landing pad safety

By Cherann Davidson  
Staff Writer

Concerns about the safety of a proposed helicopter landing pad at Mercy Hospital were again raised by the city's planning director in a Friday memo to the Iowa City Council.

The landing pad is part of Mercy Hospital's plan for renovation and expansion of hospital services. The hospital, located at 500 E. Market St., wants \$23 million in tax-exempt industrial revenue bonds for the project, and must have approval from the council.

Don Schmeiser, city director of planning and program development, said the proposed landing pad, which would be built 24 feet above the ground, has several safety hazards:

- The landing pad is too close to the ground and "most cases of helicopter power failure occur shortly after takeoff or before landing," the memo said, adding "a helicopter which loses power 24 feet from the ground has few or no choices" to escape a crash.

- Air space around the proposed landing site is "extremely cluttered" with tall buildings, church steeples, power lines and trees, making take-offs and landings "hazardous," the memo said.

- The area around the hospital lacks sufficient open space for emergency helicopter landing.

SCHMEISER REPORTED that three serious helicopter accidents at the UI Hospitals were avoided because there is open

space near the hospital. Two of the incidents involved power failures — one when a helicopter lost power and had to land about 1,000 feet from the UI Hospitals' landing pad on Byington Road.

Vibrations from helicopters using the proposed landing pad would damage buildings near Mercy Hospital, Schmeiser said. "The level and type of noise is similar to that of a jackhammer."

Councilors David Perret and Clemens Erdahl have already said the proposed landing pad is a safety hazard in the residential area around Mercy Hospital although Mercy Hospital administrators have said the landing pad would be used about once a week.

MERCY HOSPITAL officials have said the

proposed landing pad is necessary because increasing numbers of patients from outside Johnson County depend on the hospital.

About 60 percent of Mercy Hospital's patients live outside the county and the landing pad would allow those patients to land directly at Mercy Hospital instead of landing at UI Hospitals and waiting to be transported through the UI campus and downtown area, they said.

The estimated portion of the industrial revenue bond earmarked for the proposed landing pad is \$75,000. According to the plan, no helicopters would be based at Mercy Hospital.

The council will vote at Tuesday's formal council meeting on whether to proceed with the Mercy Hospital bond issue.

# Grube innocent of manslaughter charge

Timothy Allan Grube was found innocent March 19 of involuntary manslaughter in connection with the September 19 shooting death of a friend, but was then arrested and charged with obstruction of justice and carrying a concealed weapon.

A six-man, six-woman jury found the 23-year-old Grube innocent after deliberating only about one-half hour.

Grube, of Springfield, Ohio, had originally been charged with second-degree murder in connection with the shooting death of his friend and traveling companion, Joylynn Carol Leslie, also of Springfield. Leslie was shot outside Bart's Place, 826 S. Clinton St., and her body was dumped in rural Johnson County.

Jurors heard conflicting reports of the shooting during the week-long trial; Grube testified that his 15-year-old girlfriend, Michelle Enlow, had the gun when it accidentally discharged, but Enlow testified that Grube had it.

Grube, who testified he did not tell his attorney, Larry Fugate, that Enlow had the gun until the day before the trial began, said he took the blame for Enlow because she was scared and because she was pregnant with his child.

GRUBE AND ENLOW were arrested Dec. 20 near Burns Flat, Okla., and at that time charged with second-degree murder. The charges were later reduced. Enlow pleaded

guilty Jan. 15 to being an accessory after the fact and was placed on probation March 12 and ordered to live with her parents in Ohio.

Leslie's boyfriend, Mark Eldridge, 24, who pleaded guilty Feb. 12 to being an accessory after the fact in connection with the death, was given a two-year suspended sentence and placed on two years probation.

He helped Grube dispose of Leslie's body, according to court records and testimony during Grube's trial.

Eldridge, who testified for the prosecution during Grube's trial, was sentenced March 22 by Johnson County District Court Judge Joseph Thornton for his role in his 31-year-old girlfriend's death.

GRUBE WAS the one and only defense witness called by defense attorney Fugate. He testified that Enlow, upset after Grube told her that Leslie, a bisexual, was interested in bisexual activity later that night, had removed the gun from her purse and was handing it to Grube when it accidentally fired.

Leslie was killed by a single gunshot wound to the head, according to testimony by Dr. William Powers, the Iowa City pathologist who performed the autopsy on Leslie.

The prosecution, represented by First Assistant County Attorney J. Patrick White, had the burden of proving that Grube intentionally pointed a firearm at Leslie, unintentionally killing her.

## Aliens deported to Mexico

By Glenn Townes  
Staff Writer

Eleven illegal aliens from Mexico, who were arrested Wednesday in Coralville, were deported back to Mexico Thursday by the U.S. Immigration and Naturalization Service.

The aliens, all men, said they were on their way to Chicago to look for jobs when their van broke down on Interstate 80 near the First Avenue interchange.

Thomas Hammond, an investigator for the U.S. Immigration Service, said the aliens were smuggled into the U.S. boarder town of Nogales, Arizona, in two pick-up trucks.

The aliens each paid \$180 to smugglers to be brought across the U.S. border and another \$120 apiece to buy a van in Tucson, Ariz.

Hammond said none of the men had identification papers with them and were all related and from a ranch near Quitupan Halisco, Mexico.

Three of the men were juveniles, he said. Hammond said illegal aliens are entitled to a deportation hearing under federal law, "but they just requested to be returned to Mexico under their own free will."

Immigration officials have been kept busy this month with a large influx of illegal aliens from Mexico into the Midwest, Hammond said.

Thirteen illegal aliens were arrested in West Liberty on March 17. On March 22 immigration officials apprehended 38 aliens near Grand Island, Nebraska.

Hammond said Interstate 80 is "a primary smuggling route for aliens from Los Angeles and southern border states."

## Liquor crackdown continued

The Iowa City Police Department charged another local merchant with selling beer to a minor Saturday. An employee of Mickey's, 11 S. Dubuque St., was charged in the incident.

The police department is continuing to crack down on merchants selling beer to minors by checking the practices of local beer and liquor establishments. If a business is convicted of selling beer to minors, its liquor license could be suspended.

Assault: Police are investigating the reported assault of a UI student at his residence. Kevin Cogdill, 14½ S. Dubuque St., said he was physically assaulted by his

roommate Troy Bertelli Saturday evening. Police reports indicate that Cogdill asked to sleep overnight at police headquarters after the incident. Records state that Cogdill was unsure whether to press charges.

Burglary: Two area men were charged with second-degree burglary Wednesday by The Johnson County Sheriff's Department.

Ronald Thompson, 26, of Cedar Rapids, and James Rouse, 29, of Vinton, were apprehended after deputies were dispatched to the scene of a burglary in progress at a farm residence near Swisher.

Johnson County Sheriff Gary Hughes said the investigation is continuing and further arrests are pending in connection with previous burglaries in the Swisher area. Both Thompson and Rouse are being held at Johnson County Jail pending a court hearing.

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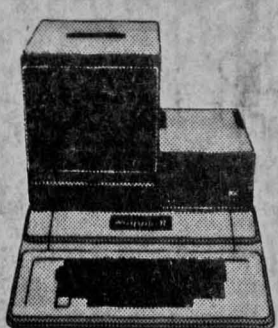


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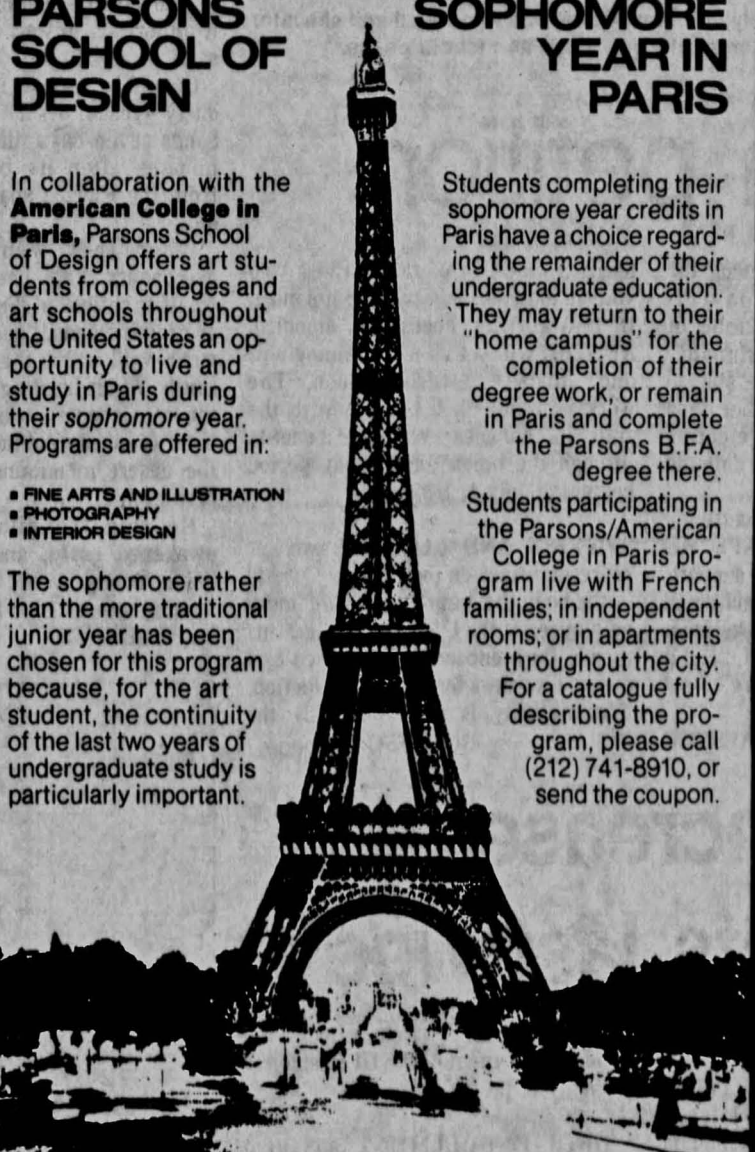
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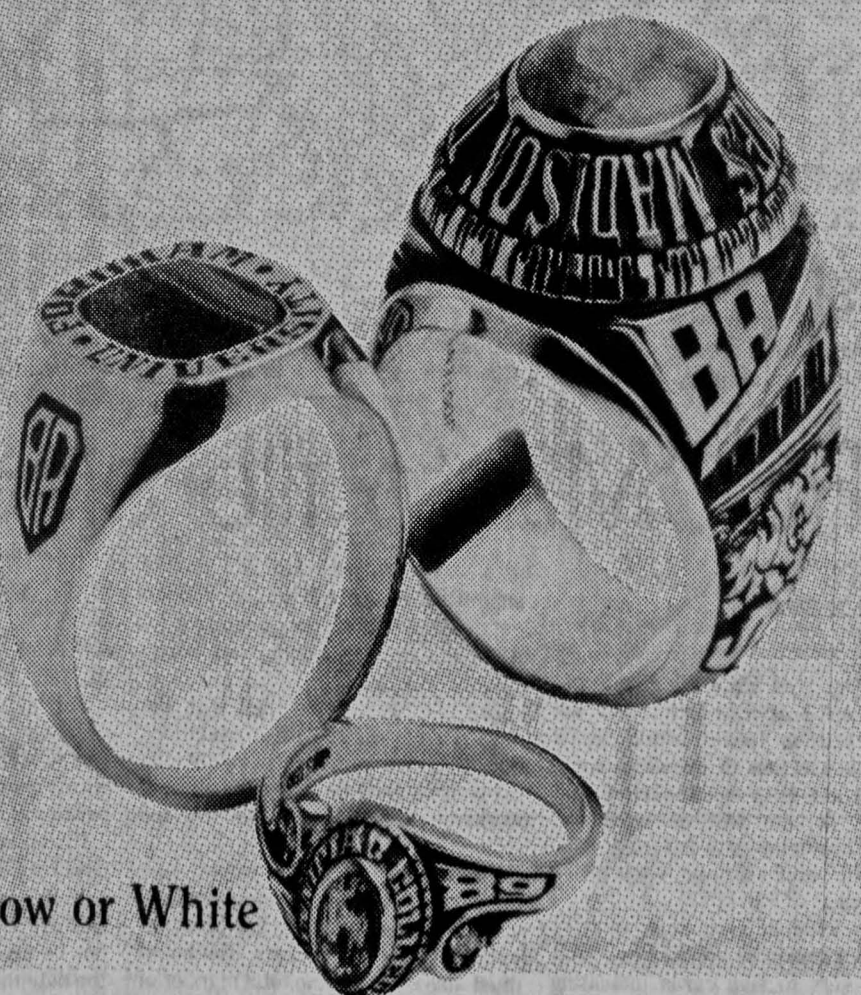
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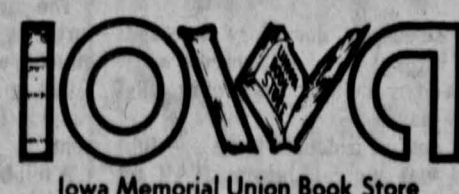
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## Lesson of TMI

Today is the third anniversary of America's worst commercial nuclear disaster — the accident at Three Mile Island. The problem is not over though; this year alone the TMI suffered three "unusual events" — official jargon for a low-level emergency alert. Plant operators are required by law to declare an unusual event and notify the Nuclear Regulatory Commission anytime radioactive water leakage exceeds 1 gallon per minute.

Three years later, the cost of clean-up, which has been estimated at over \$1 billion by Pennsylvania Congressman Allen Erdal, continues to grow. Who will pay is still undecided, but it looks like taxpayers nationwide, rather than General Public Utility Investors (the plant's owners), will end up paying.

If nothing else, the incident at TMI revealed that nuclear power is not an economically feasible energy source. Besides the human cost, the financial burden has proved untenable. Two months after the accident, residents supplied by TMI were forced to pay higher rates to help cover expenses. If current legislation passes Congress as expected, soon we all will.

During the past three years, nuclear power plant construction has slowed considerably. This is not, as some assert, because of unnecessary government regulation, but because banks and other lending institutions are unwilling to invest the needed capital. Nuclear reactors are a bad financial risk.

No one can be sure when the accident at TMI will finally end and the clean-up be completed. The physical and psychological damage to area residents will have to be computed later when all the data are in. One lesson should be clear: nuclear power is fiscally irresponsible and other energy alternatives must be investigated.

Steven Horowitz  
Staff Writer

## Party discrimination

This past Saturday, at the Johnson County Democratic Convention, a platform plank in support of the Equal Rights Amendment was approved by an overwhelming margin. Shortly thereafter a majority of the delegates violated the philosophy of equal rights by voting for a discriminatory motion.

The problem that arose was the result of shortsighted planning. From 135 self-nominated candidates, 104 delegates were to be elected to represent Johnson County at the district and state conventions. Unfortunately, the unwieldy procedure chosen by the Nominations Committee would have taken an eternity.

On the first ballot no delegates were selected. If subsequent ballots proceeded with maximum efficiency — an impossible eventuality — a minimum of 21 additional ballots would have been required.

The rules were suspended by a two-thirds vote, and a delegate subsequently moved that all 54 of the female candidates be elected en masse — a motion that was approved by a 20-vote margin.

Article VIII of the Democratic Party State Constitution proposes that proportional representation be given to "men, women, various age groups, racial minority groups, economic groups, and representatives of identifiable geographically defined populations ..." Such proportional representation is obviously desirable.

However, the county's Democratic leadership failed to determine how this fair representation would be achieved. Advance provisions should have been made to guarantee that certain percentages of the district delegation must be women, must be men, must represent racial minorities, must be senior citizens. When a retroactive motion was passed which gave only women such representation, candidates from other groups were discriminated against.

Hoyt Olsen  
Staff Writer

## Break for consumers

The Iowa Commerce Commission last week proposed rules that would penalize utility companies for having excess electrical generating capacity. The proposed penalty is rather lenient, as is the definition of how much excess capacity is too much, but adoption of the rules would be a step in the right direction.

The rules would reaffirm a precedent set earlier this year when the commission decided a rate increase case involving Iowa Power and Light Company. Iowa Power was assessed \$584,000 for having a generating capacity of more than 25 percent above normal peak demand, with the penalty to be refunded to its customers.

Under the proposed rules, that portion of a utility company's profits that is charged to customers for excess capacity will be disallowed. In effect, utilities would not be able to recoup their investments in uneeded power plants.

Commission chairman Andrew Varley noted that some surplus capacity is beneficial because it cuts the risk of power outages. But there is a point of diminishing returns where costs begin to far outweigh benefits. Just where that point is is open to question, though Varley thinks 25 percent is reasonable. Industry standards recommend a 15 percent surplus.

In Iowa, as in other parts of the country, the rate of increase in demand for electricity has slowed considerably. Some analysts project a drop in future demand, and some critics feel there is already far more generating capacity than is needed.

It is in the interest of the state, on behalf of its citizens, to limit generating capacity to what is necessary. In lieu of stronger action, the Commerce Commission's proposal would at least be a mild disincentive for utility companies that still believe too much is not enough.

Derek Maurer  
Staff Writer

# Viewpoints

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## Nuclear war equals humanicide

By Burns H. Weston

I wasn't sure whether to call this talk "a call to resistance" or "a call to mutiny." But I am a lawyer, after all. What I want to address are the hard, cold facts about the nuclear arms race. I want to talk about possible solutions vis-a-vis citizen action. I want to describe some of the activities we might be talking about. But most importantly I want to try to penetrate your consciousness about the sheer brutality of the nuclear arms race and nuclear war.

It is very hard, even for people who have spent some time studying the nuclear arms race, to get a handle on exactly the dimensions of death and destruction involved — it is absolutely mind-boggling.

Rather than my quoting tons of TNT to you, let me put it this way: The bomb that was dropped on Hiroshima totaled 12.5 kilotons of TNT — that is to say, 12,500 tons of TNT. Now you've seen pictures of Hiroshima, and you've probably seen movies about it. You have some sense of the destruction and human suffering that took place.

BUT TODAY'S average bomb, a medium-size bomb, is a one megaton bomb — which is to say, 1 million tons of TNT or approximately 80 times the destructive force of the bomb that was dropped on Hiroshima. To put it another way, the bomb that was dropped on Hiroshima represented 1.25 percent of the strength of the bomb we now call a medium-size nuclear bomb.

And one megaton bombs are not the only bombs that are lying around. There are others of lesser strength, to be sure, but there also are others of greater strength. The Soviet Union is on record, I believe, as having tested a 60 megaton bomb, which is to say something like 4,800 times the firepower of the bomb dropped on Hiroshima. They have a number of 20 megaton bombs in their stockpiles today.

At the present time, the approximate total of strategic nuclear weapons, that is to say nuclear warheads, that now exists worldwide ranges somewhere in the neighborhood of 17,000. Some 7,700 of these are in land-based missiles, some 6,300 are in submarines, and almost 2,800 are in strategic bombers — you know, those bombers that are commanded from Omaha, not too far from here.

THAT'S THE so-called triad system. Of this system of approximately 17,000 strategic nuclear warheads, the United States has roughly 9,000 and the Soviet Union roughly 7,000.

By the way, an intercontinental ballistic missile is capable of going from one continent to the other, that is to say between the United States and the Soviet Union, in approximately 30 minutes. A missile from a submarine, such as the Poseidon, can be delivered in 15 minutes.

Now I've been talking only about so-called strategic weapons; there is another category called tactical weapons — that is to say, a nuclear weapon in a range usually below 50 kilotons and incapable of long-distance delivery. Unfortunately, secrecy surrounds information about tactical nuclear weapons. But if I'm not mistaken there are an estimated 37,000 of these lying about as well; and the amount is growing.

But all this is only the numbers. What's your mental image of Hiroshima and Nagasaki? Death and devastation, cruelty, aggravated suffering. Not merely numbers. And this mental image is mild compared to what existing weapons actually can do.

A CONVENTIONAL bomb usually delivers one kind of destructive effect — the so-called shock-wave effect. But a nuclear bomb has a number of destructive effects: the so-called initial radiation effect; the electromagnetic pulse, or EMP; followed by the thermal pulse; followed by the blast wave; followed by local and long-range fall-out that ultimately affects the precious ozone (particularly if you have a ground burst rather than an air burst, because a lot of soil and rubble on the ground is thrown into the air, becomes radioactive and returns to earth).

A good publication that comes out once a year, called *World Military and Social Expenditures*, published by Ruth



### The nuclear arms race

The clock was chosen by the Educational Foundation for Nuclear Science, publisher of the Bulletin of the Atomic Scientists, as the "symbol of the threat of nuclear doomsday hovering over mankind." It currently stands at four minutes to midnight.

This is the first of five articles exploring the danger of the nuclear arms race and discussing what people can do about it. This part, based on a lecture given by UI law Professor

Burns H. Weston, deals with the human and environmental cost of a nuclear war. Weston is a member of the Consultative Council of The Lawyers Committee on Nuclear Policy.

People not immediately burned to death, blown apart, or asphyxiated in shelters, would find themselves in another world, populated by the dying, the dead, and the insane. Food crops and land would be contaminated. Water would be undrinkable. Medical facilities, lines of communication and transportation obliterated.

Sivard, presents the horrible facts in human terms. It describes the destruction in terms of circles of death, a phrase that comes out of the Hiroshima/Nagasaki experience.

At the epicenter, ground zero, a one megaton bomb, bursting at ground level, creates a crater 400 feet deep and 1,200 feet in diameter — all life and structures are pulverized.

AT CIRCLE two, which is from 0 to 0.6 miles from ground zero, in about one-tenth of a second, people, vehicles, buildings and thousands of tons of earth are swept into a luminous fireball with temperatures exceeding 2,000 degrees Fahrenheit.

At circle three, from 0.6 to two miles from the epicenter, a firestorm driven by winds over 300 miles per hour — some estimate 400 miles per hour — kills 98 percent of the people, destroys most structures and sets on fire even steel buildings.

At circle four, some two to three miles from ground zero, spontaneous ignition of clothes and falling structures immediately kill 50 percent of the people; another 40 percent die more slowly from third-degree burns, broken bodies and deeply embedded fragments of glass that are a consequence of the shattering of man-made objects.

AT CIRCLE five, some three to five miles from the epicenter, homes are blown out or leveled, shelters become ovens, gasoline storage tanks explode, and 50 percent of the people are killed or injured.

And then in circle six, some five to 15 miles from ground zero, the scorched area extends over 200 square miles, and people in exposed areas are burned or blinded by the flash.

Now after all of this — that's not the end of it — there are more distant, spontaneous secondary fires that erupt everywhere. And of course there are the more distant and much more long-term effects that radioactive fallout causes throughout the world. I am referring to a fundamental alteration, if not actual destruction, of the earth's most basic biological systems, indeed of most of its ecosystems.

Of course, in the event of a nuclear war, we are talking about more than a one megaton blast. Then we are talking about a nuclear holocaust. The earth's surface would be cooled, with millions of tons of dust going up into the stratosphere, making night out of day. The ozone layer, critical to the survival of life on earth, would be partially destroyed.

TO QUOTE SIVARD: "The immediate physical effects of nuclear

bursts are monstrous explosive blasts and fire. An attack on cities and military facilities would create winds of hurricane force, sweeping fire storms across whole continents. The nuclear detonations would release not only their own radiation, but the radiation of reactors and nuclear weapons which would also be under attack.

"People not immediately burned to death, blown apart, or asphyxiated in shelters, would find themselves in another world, populated by the dying, the dead, and the insane. Food crops and land would be contaminated. Water would be undrinkable. Medical facilities, lines of communication and transportation obliterated. In the quiet of a dying planet, radiation would sweep across oceans and into the atmosphere, depleting the ozone layer and releasing harmful ultra-violet rays. As those rays killed off all remaining animal life, the collapse of the ecosystem would leave a global wasteland."

Much of what I have just quoted is recounted in a stirring series of articles published in *The New Yorker* magazine (Feb. 1, 8, 15) by Jonathan Schell. I urge you to read it. It lays out, in utterly gruesome detail, the kinds of things about which I have been speaking.

Let me make it just a bit more horrible for you, bringing it much closer to home.

A report from the Arms Control and Disarmament Agency, titled *U.S. Urban Population Vulnerability* and dated August 1979, explains what would happen to Chicago, to Omaha, to Cedar Rapids, and even to Iowa City.

A ONE MEGATON blast over Chicago would result in fatalities of 17.5 percent and casualties (both deaths and serious injuries) of 38 percent. A 20 megaton bomb over Chicago: fatalities, 57 percent; casualties, 80.5 percent.

Omaha, with a one megaton blast, would have fatalities of 56 percent, and casualties of 82 percent. A twenty megaton bomb over Omaha: fatalities, 97 percent; casualties, 100 percent.

Cedar Rapids, with a one megaton blast, would have an 84 percent fatality rate and a casualty rate of 98 percent. Needless to say, if they drop a 20 megaton bomb on Cedar Rapids, that's the end of Cedar Rapids, period.

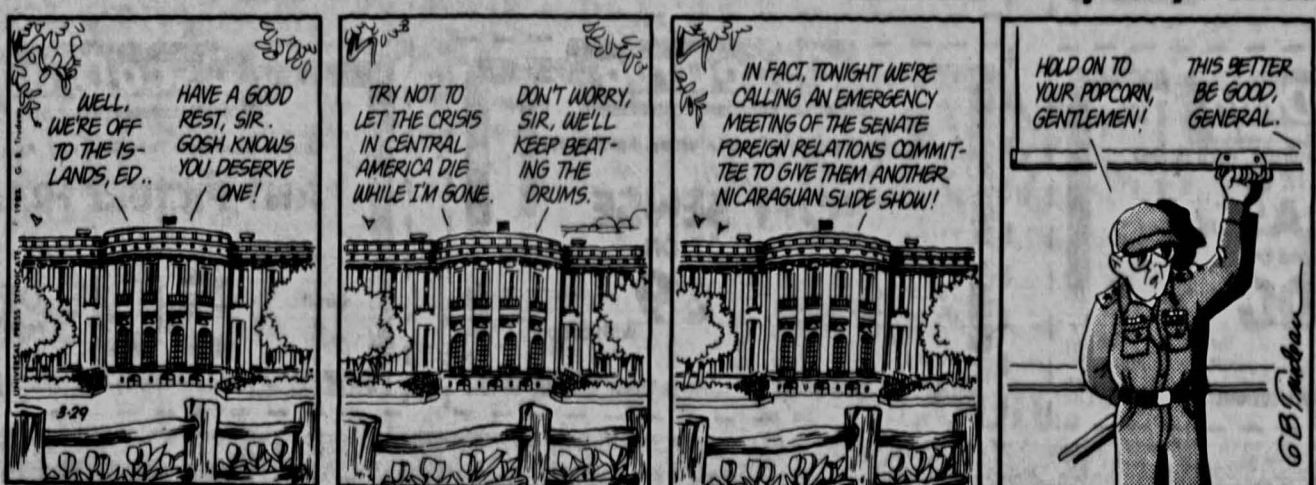
And as for Iowa City, a one megaton bomb would produce a fatality rate of 83 percent and a casualty rate of 98 percent. And, of course, a 20 megaton bomb would obliterate Iowa City and all of us.

By the way, it strikes me as ghoulishly fantastic that the Arms Control and Disarmament Agency would even compile these statistics. I thought they were preparing for arms control and disarmament, not nuclear war.

Doesn't it make you wonder whether our leaders know what they are doing?

On Tuesday Weston discusses the military, economic and political cost of the nuclear arms race for the United States.

## DOONESBURY



by Garry Trudeau

## Letters policy

Letters to the editor must be typed and must be signed. Unsigned or untyped letters will not be considered for publication. Letters should include the writer's telephone number, which will not be published, and address, which will be withheld upon request. Letters should be brief, and *The Daily Iowan* reserves the right to edit for length and clarity.

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## University

# UI slated to lose over \$24 million in aids

By Rochelle Bozman  
Staff Writer

If proposed cuts are approved, the UI will lose \$24,668,095 in federal funding to student financial aid and research, teaching and service next fall.

Although several politicians are saying passage of all proposed cuts is unlikely, the biggest chunk would be shaved from the Guaranteed Student Loan program, by dropping graduate professional students.

This cut alone would zap "\$18 million plus" from the GSL program, according to John Moore, director of UI Admissions and Financial Aids.

Other proposed cuts to the GSL

program bring the total reductions to about \$23 million to UI students. An additional \$200,334 would be lost in Supplemental Educational Opportunity Grants, National Direct Student Loans, College Work Study and State Student Incentive Grants.

The UI also stands to lose about \$2.3 million in 1983 in federal student financial aid. About \$1.4 million of these cuts would be in Pell Grants to UI students.

THESE FIGURES, as well as the statistics on cuts at the University of Northern Iowa and Iowa State University, were contained in a report received by the state Board of Regents on Wednesday.

The report predicts the UI will lose about \$1.5 million in 1982 and \$310,000 in 1983 in research, teaching and service.

"These cuts (total federal student financial aid cuts nationwide) would take place during academic year 1983-84 when college costs are estimated to be 20-25 percent higher than the past academic year, when appropriations to finance student aid programs were at or below the levels approved by Congress in the Reconciliation Act of 1981," the report states.

The regents responded by approving a policy statement opposing the elimination of the eligibility of graduate and professional students for GSLs, supporting the concept of GSLs based on

financial need, and supporting the continuation of Pell grants, work study and other need-based assistance programs at the current level.

IN ADDITION to these cuts, the report states, another \$1 billion will be lost nationally because of the phase out of social security educational benefits.

It has been estimated this will affect 7,721 students in Iowa at a cost of about \$21.8 million.

William Farrell, UI associate vice president for Educational Development and Research, told regents members that although student assistance programs "might not face the great cuts," the elimination of graduate and professional

students from the GSL program is "a very real threat."

Other programs that have been proposed to help graduate and professional students will not meet the need, he said.

They "could not really, in any effective means, meet the needs of graduate and professional students," Farrell said.

Acting UI President D.C. Spriestersbach, who Thursday attended his last regents meeting as head of the UI, said he has met with Iowa's Washington delegation and "it was very clear to us that the delegation has been hearing from the students" and is concerned about the proposed reductions in aid.

## Mission in Thailand revealing for nurse

By Elizabeth McGrory  
Staff Writer

Ann Mowery spent three months of 1981 in Thailand, but it was no vacation.

A 1972 graduate of the UI College of Nursing, Mowery developed an interest in South Asian culture while working with refugees in a Minneapolis clinic during the last 4½ years. Wanting to learn more, she requested a leave of absence.

She left for Thailand in October 1981, sponsored by Minnesota Health Volunteers, an international service organization of the University of Minnesota.

Soon after arriving, "(I) heard weapons (firing) and thought, 'Oh Lordy, what's going on?' But I never heard weapons again," Mowery said.

She worked in a refugee camp in Nong Khai, across the Mekong River from Vientiane, the capital of Laos. The camp is home for 20,000 to 30,000 people, she said.

Many of the refugees are escapees from "re-education farms" — prison camps where educated men are trained as farmers or as laborers in areas unrelated to their specialties.

ONCE IN the refugee camp, the residents are not allowed to move elsewhere. "Their lives are on a permanent hold," Mowery said.

Because the refugees spend years in the camp, they work to create a community atmosphere.

"I did not feel the camp was depressed. There were celebrations, people were born and people died. It was definitely like a community," Mowery said.

The camp's economy is complex. Gold and goods are traded, and some refugees earn money by giving others

rides in homemade bicycles that pull carts, she said. The camp also employs some refugees in food service, maintenance, and as aides in the hospitals, she said.

Mowery said she encountered health problems such as malnutrition, overcrowding, hookworm and hepatitis.

"People in the camp are underfed and fed abnormal food," she said.

Theft of food and medicine is a major problem. "People would steal and sell food for a profit," Mowery said. "The parents sold the medicine we gave them (after) tearing the labels off the containers."

MOWERY said the politics of the camp troubled her. Payoffs for favors were normal, but she knew people had to bribe if they wanted to get things done.

The question of the Laotian's rights as refugees also frustrated her, she said.

But she had many positive experiences. Helping a family get to America was most rewarding, she said.

"It was complicated, lots of paperwork. Documents and resettlements were involved." The couple was moved to a holding camp during the last month of her stay. She heard nothing more of them until two days after returning to Minneapolis in December, when she was told they had arrived and joined their son, who works with Mowery.

"I don't know if it's necessarily good, but they are here" and learning to adjust, she said.

"They (the refugees) think this place has gold streets. They think things will be all better when they are in the United States, but it is so hard for them to adjust," Mowery said.

## Job opportunities down for business graduates

OMAHA, Neb. (UPI) — The number of business students at Midlands colleges is increasing but the slumping economy may make employers more cautious about offering jobs to new graduates, university placement officers say.

University of Nebraska-Lincoln career planning director Frank Hallgren said because of the economy, "employers can be more selective."

Between 1970 and 1981, the number of undergraduate business majors increased 100 percent at Nebraska's four largest business schools while overall enrollment went up 17 percent.

In the last four years, business enrollment has increased 31 percent at the UI, Iowa State University and the University of Northern Iowa, com-


pared with a 6 percent total enrollment increase.

Mutual of Omaha spokesman Len Tondl said the company estimates it is interviewing about 14 people — slightly more than average — for each entry level job requiring a business degree.

The job competition is also influenced by a rapid increase in business majors at Midlands colleges, part of a national trend caused mostly by women choosing business as a career.

WOMEN MAKE UP a third of UNL's business enrollment compared with 5 percent 10 years ago, said business dean Gary Schwendiman.

The state Board of Regents said ISU, the UI and UNI awarded 1,629 business degrees last year, a 57 percent increase since 1976-77.



### THE DANCE CENTER

**THE DANCE CENTER'S 1982 SPRING SESSION**  
MARCH 29 through MAY 16

**COST:**  
1 class per week for 7 weeks—\$21 total  
3 classes per week for 7 weeks—\$63 total  
unlimited classes for 7 weeks—\$50 total  
The Dance Center is non-profit. Please register and pay for all classes at registration.  
Family discounts available. For more information, call the Dance Center, 331-9729, or Suzanne Grulke, 338-3662.

THE DANCE CENTER IS LOCATED AT 1194 E. College, ABOVE THE SOAP OPERA.

THE DANCE CENTER HAS PROVIDED HIGH QUALITY, LOW COST INSTRUCTION FOR SEVEN YEARS AT THE SAME LOCATION.

CLASSES START MONDAY, MARCH 29.

REGISTRATION THE FIRST WEEK OF CLASSES.

**CHILDREN'S CLASSES:**  
3:00-3:45 Creative Movement, ages 3 & up  
3:45-4:45 Modern, ages 5 & up  
4:45-5:30 Ballet, ages 8 to 10 yrs.

| DAY       | TIME        | CLASS                       | INSTRUCTOR          |
|-----------|-------------|-----------------------------|---------------------|
| MONDAY    | 12:00-1:00  | Jazzercise                  | Cathy Tudor Hoffman |
|           | 4:30-5:30   | Belly Dancing (6 weeks)     | Angellita Reyes     |
|           | 5:30-7:00   | Jazz II                     | Pam Wassela         |
|           | 7:00-8:15   | Beginning Ballet            | Doug Wood           |
| TUESDAY   | 8:15-9:30   | Dance Aerobics              | Deb Cooper          |
|           | 1:00-2:00   | Dance Aerobics              | Cathy Tudor Hoffman |
|           | 4:30-5:30   | Stretch Exercise            | Doug Wood           |
|           | 5:30-7:00   | Ballet II                   | Laurie Sanda        |
| WEDNESDAY | 7:00-8:30   | Modern II                   | Marnie Heyn         |
|           | 8:30-10:00  | Alexander Technique         | Suzanne Grulke      |
|           | 12:00-1:00  | Stretch & Aerobics          | Pauline Kelly       |
|           | 7:00-8:15   | Dance Aerobics              | Deb Cooper          |
| THURSDAY  | 8:15-9:45   | Modern (Limon-Tharp)        | Marnie Heyn         |
|           | 12:00-1:00  | Jazzercise                  | Cathy Tudor Hoffman |
|           | 5:30-7:00   | Ballet II                   | Doug Wood           |
|           | 7:00-8:30   | Jazz I                      | Cathy Tudor Hoffman |
| FRIDAY    | 12:00-1:00  | Dance Aerobics              | Deb Cooper          |
|           | 5:30-7:00   | Jazz                        | Cathy Tudor Hoffman |
|           | 7:00-9:00   | Val Canonica Dance Company  | Cathy Tudor Hoffman |
|           | 9:30-10:30  | Fitness                     | Mary Quigley Rick   |
| SATURDAY  | 10:30-12:00 | Ballet III                  | Pauline Kelly       |
|           | 12:00-1:15  | Ballet I                    | Laurie Sanda        |
|           | 1:15-2:45   | Modern I                    | Gary Rick           |
|           | 2:45-4:15   | Beg. & Level I Self Defense | Pam Wassela         |
| SUNDAY    | 4:00-5:15   | Tap I                       | Deb Cooper          |
|           | 5:15-6:30   | Dance Aerobics              | Hargo Hutch         |
|           | 10:30-12:00 | Dance Aerobics              | Marnie Heyn         |
|           | 12:00-1:30  | African                     | Marnie Heyn         |

## Old Capitol Criterium

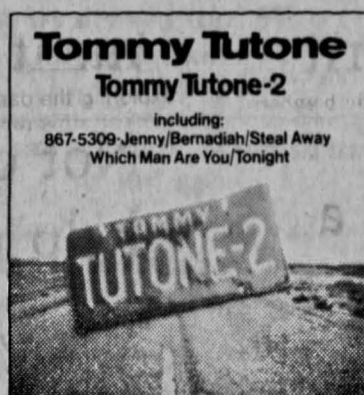
Sunday,  
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Iowa City, IA.

## Back To School Specials From BJ Records

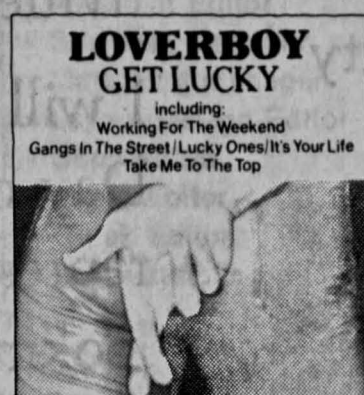
Sale ends Sunday, April 4



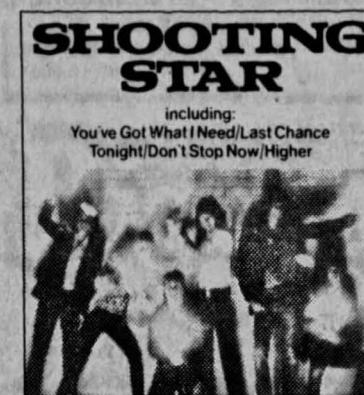
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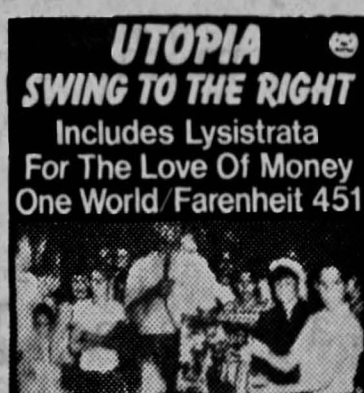
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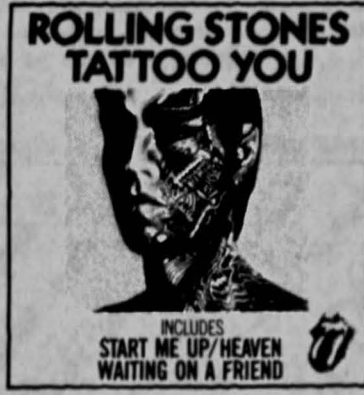
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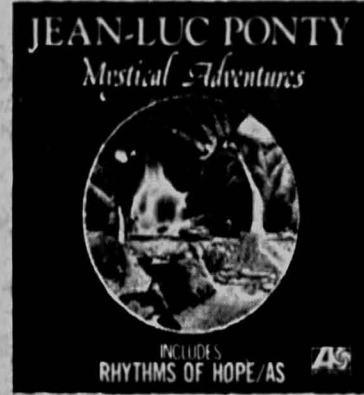
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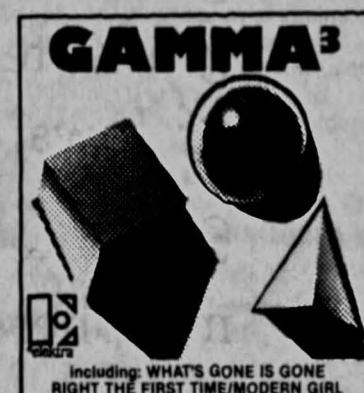
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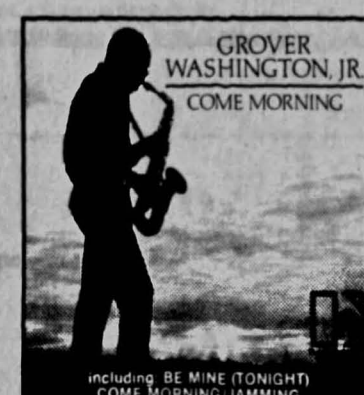
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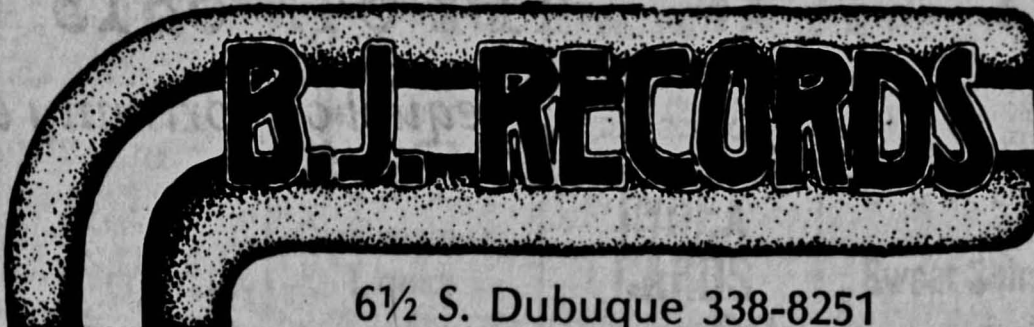


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CBS Records

WEA Records

Now Open: Mon.-Thurs. 9-9; Fri. 9-7;  
Sat. 9-5:30; Sun. Noon-5



6½ S. Dubuque 338-8251



### Letters policy

Letters to the editor must be typed and must be signed. Unsigned or untyped letters will not be considered for publication. Letters should include the writer's telephone number, which will not be published, and address, which will be withheld upon request. Letters should be brief, and The Daily Iowan reserves the right to edit for length and clarity.



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# RN GRADUATES

## Why St. Luke's of Milwaukee?



Dee Van Lanschoot  
University of  
Iowa, 1981

Last year at Progressive Nursing Day I had the opportunity to learn about St. Luke's Hospital in Milwaukee, Wisconsin. Now I'm a staff nurse at St. Luke's on a medical teaching unit. I'm achieving the goals I set for myself as a new graduate nurse from the University of Iowa.

St. Luke's offers a teaching atmosphere with a three month orientation program, numerous

workshops and tuition reimbursement for continuing education.

Not only does St. Luke's Hospital help me to meet my professional goals, Milwaukee offers a wide range of recreation and cultural activities.

I will be at the Progressive Nursing Day on March 31st, 1982, with a representative from Personnel. I'm looking forward to meeting you.

# ST. LUKE'S HOSPITAL

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## Daycare

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ferent social services and the number of cases.

THE MEASURING stick used by the legislature requires each social worker to annually handle an equivalent of 122 cases that have a weighted value of one. A social worker who handles cases that have an individual value less than one has an annual quota higher than 122 cases, while a social worker who handles cases that have an individual value greater than one has an annual quota less than 122 cases.

For example, a worker with a job whose cases are weighted a five is responsible for about 24 cases annually and a worker with a job whose cases are weighted a 0.5 handles about 244 cases a year.

The social services department's devaluation of daycare consultants' work caused the case weight for daycare and preschool licensing to drop from its previous 1.3 to its new 0.6 rating.

That means a daycare consultant whose sole responsibility is licensing a daycare center or preschool would have to license 203 daycare centers and preschools a year to meet the department's guidelines of a "full case load."

In the past, the number of daycare centers and preschools that the state's 19 daycare consultants each annually licensed varied from 24 to 90. The daycare consultants filled the rest of their quotas by performing other duties.

TAYLOR SAID she understands the field staff's frustration with the new case ratings assigned to the inspection and licensing of daycare centers and preschools. She said the department had some difficulty arriving at a rating that puts daycare inspection and licensing in a "comparative framework with other departmental services."

But the social services administration will require more information before it changes the new quotas, Taylor said.

"The legislature is still in... We need to wait and see what kind of money we have... and balance that against other needs and projected budget cuts," she said.

Apparently the complaints of field workers had not filtered up to district administrators before a January meeting between state and district administrators because "not one" district official requested additional daycare staff, Taylor said.

But in the past month department officials in Des Moines, Cedar Rapids and Council Bluffs have voiced concern about the increased case loads, she said.

BUT SOME FIELD workers are still afraid to complain about the new staffing formula and doubled quotas, Taylor said. "It sounds like the people you (DI) have talked with have some specific ideas about what will happen. We haven't been getting that."

"We don't mean to be threatening but I believe they think we are," she said. "Our concern is that people give accurate information... and separate fact from opinion."

Although Taylor did not say whether employee complaints will be met with reprimands as some daycare consultants have claimed, she suggested that communication problems with field staff would improve if "people would use the communication systems available to them" — talking with their direct supervisor or contacting the state office.

"We are very appreciative in our office of getting comments, especially in writing. If we get it in writing we try to be responsive," she said.

## AFSCME

Continued from page 1

number of workers who vote in the election and not the actual number of workers; therefore, a heavy turnout of either pro-union or anti-union workers can decide the results of the election even if only a small number of workers vote.

Pashler said the union election will be conducted like a general political election. PERB will notify clerical workers of the election date and polling times and places, and set up electronic voting booths in cities where office and clerical workers are employed by the

state. Absentee ballots will be available for workers who cannot vote on the election date, he said.

If the workers vote against unionizing, AFSCME will have to wait one year before they can begin collecting signatures to hold another election. The last AFSCME union election for clerical workers was held in early 1979, when the union lost by 69 votes.

Nationally, the union already represents more than 200,000 clerical employees, including workers in Polk County and Iowa City.

## Dorms

Continued from page 1

reserve fund at a faster rate and to a greater extent than we anticipated.

"All this enables us to increase rates next year at levels significantly less than the inflation rate, which over the last 12 months was 8.9 percent," Droll said.

The "reserve fund" is revenue over the actual cost of running the dormitories that has been generated from

room and board charges. This fund is for use in building repairs and renovations throughout the year.

The rate increases will take effect in August at the beginning of the 1982-83 academic year.

The regents also approved increases in rent for UI married student housing. The increases, which average 3.4 percent, will take effect May 14.

## Daly enters supervisors race

Dan Daly announced his candidacy for the Johnson County Board of Supervisors Saturday.

Daly is the third person to announce his candidacy for one of the two board seats up for election in fall 1982.

Johnson County Supervisor Dennis Langenberg announced last week his intention to seek a second four-year term. Supervisor Harold Donnelly

declared his re-election bid last December.

The three men are Democrats. Daly works for the Iowa City Public Library and the UI College of Dentistry. Raised in Iowa City, Daly has served on various local committees.

The deadline for candidates to file nomination papers is April 14. The primary election will be June 8.

## Grandview class action suit dismissed in court

A class action suit filed in June against the owners of Grandview Court Apartments in University Heights to stop August rent increases was dismissed in Johnson County District Court.

The suit against owners Gene Kroeger, John Roffman and David Tigges and former owner George

Nagle by some of the complex's tenants was dismissed because of an out-of-court agreement.

The agreement stipulates that Nagle allocate \$9,500 in damages among the tenants and that the current owners reduce the revenue from the rent increase by one-third.

# Moderates lead in El Salvador

SAN SALVADOR, El Salvador (UPI) — The moderate Christian Democrats took an early lead in crucial elections Sunday, but two right-wing parties controlled a majority of the vote, threatening U.S. hopes to end the bloody civil war.

Hundreds of thousands of Salvadorans waited in lines up to a half-mile long to vote in the elections despite an all-out rebel offensive that killed at least 74 people and forced polls to close in a provincial capital and 27 other towns.

In many regions of the capital, voting stations remained open several hours past the official 6 p.m. closing time to accommodate the heavy turnout.

## PDP

tie's robot arm led to the delay of PDP experiments scheduled for Wednesday, in which the instrument was to be lifted by the arm for the first time.

The initial lift came Thursday, and Columbia's computers waved the arm — and the PDP — around the shuttle's exterior for several tests. Perhaps the most exciting test was made in conjunction with an experiment from Utah State University.

An electron beam was shot out by the Utah State experiment as the arm moved the PDP through the disturbance the beam caused in the plasma. Astronauts Jack Lousma and C. Gordon Fullerton reported "we couldn't see it visually. The streak we saw was on the TV picture only." The shuttle's TV cameras detected a streak coming from the gun in the infrared range — beyond the limits of the human eye.

A 20-FOOT WIDE column of plasma excited by the electrons was detected by the PDP. "As we scanned across we definitely saw both sides of the column," Shawhan said. "There's a high concentration of electrons over a

"The people are fed up with this nonsense," said the Rev. Theodore Hesburgh, president of Notre Dame University, commenting on the violence after touring the country by helicopter. He is one of the official U.S. election observers.

With only 15 of 4,559 voting stations counted, the Christian Democrats won 1,707 votes; the Arena of former Maj. Roberto D'Aubisson, linked to rightist death squads, garnered 1,407 votes, and the rightist National Conciliation Party held 798 votes. Three other rightist parties trailed far behind.

If the two top rightist parties maintain the current percentage of the vote total, they would be able to form a

provisional government excluding the Christian Democrats and current junta President Jose Napoleon Duarte.

D'Aubisson has said his policy would be to "napalm communists" and many in his party have labelled the Christian Democrats Marxists.

ONE OF THE U.S. observers to the election, Rep. John Murtha, R-Pa., said the United States should halt support for El Salvador if the rightist parties form a government.

"If the right wins, the repression will start again and we will start all over again. We (the United States) will have to pull our support out of here. I hope for a balance in the result," Murtha

said. The United States, while officially neutral, has made no secret it would prefer Duarte to win the elections.

At least 14 soldiers, 13 civilians and 15 rebels died in bloody guerrilla raids on five San Salvador suburbs and another 32 people were slain in five eastern provinces in the worst violence since the rebels' January 1981 offensive that left 1,000 dead.

But in San Salvador and in provincial cities, voters ducked bullets and evaded guerrilla blockades to cast their votes in elections for a 60-seat constituent assembly.

Continued from page 1

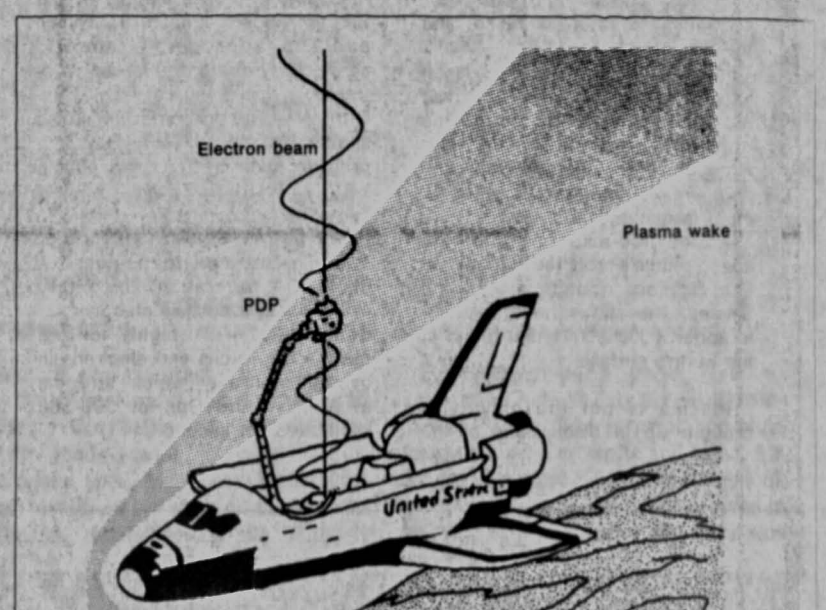
fairly large column."

Shawhan and other scientists hope the electron beam experiments will help them better understand natural phenomena like the northern lights. The northern lights is an aurora, which are caused by a natural electron beam striking the earth's plasma layer.

The PDP also examined the electromagnetic noise produced by the orbiter. The low levels detected by the PDP "means that the orbiter itself is very quiet and will be an excellent lab for plasma physics," said Gerry Murphy, PDP operations manager. When under the closed doors of the orbiter's payload bay, "at virtually all levels, we saw noise go down to the threshold of our receivers," Murphy said Sunday.

Data on the wake created when the shuttle plows through the ionosphere is not yet available, Shawhan said. The plasma wake was the third major area of concern for the PDP group.

When the tapes are available to the UI scientists, certain "events" will be picked out and analyzed in depth.



The UI's Plasma Diagnostics Package was picked up by the shuttle's 50-foot mechanical arm. The computer-controlled arm moved the PDP around the shuttle to make measurements of electronic "noise" produced by the shuttle, the plasma wake caused by the shuttle and an electron beam emitted by another experiment.

## Touch of India

New fashions for Spring  
Sailor tops, dresses & sets

short sleeved tops 9<sup>99</sup>  
wraparound skirts 9<sup>99</sup>  
sundresses 19<sup>99</sup>

men's shirts, shorts, & tee shirts  
5<sup>99</sup> and up

Old Capitol Center, 351-2227

## HAWKEYE YEARBOOK

Paid Editorial and Managerial Positions for 1982-83 are open:

- Assistant Editor
- Business Manager
- Marketing Manager
- Layout/Design Editor
- Copy Editor
- Photo Editor
- Greek Editor
- Organizations Editor

These positions offer an opportunity to build publication experience and leadership skills. Enthusiasm and past experience are desired.

Applications for general staff positions (copy, photo, staff artist, and layout/design) are also being accepted.

Applications available at Hawkeye Yearbook office (MU, Student Activities Center). For more information call 353-3030. Applications must be returned by April 9.

## NEWS

### Morning Edition

Monday through Friday  
5 am to 9 am

National Public Radio's eye-opening blend of news, features, bylines, and side-lines... served with just the right amount of local information.

tune in!



### Weekend Morning Edition

Begins at 7 am on  
Saturday & Sunday

Even more of the refreshing blend of local and national features and news.

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| <b>DEN COUPON</b><br><b>PHOTO SPECIAL</b><br>12 Exp. .... <b>\$1.59</b><br>20 Exp. .... <b>\$2.99</b><br>24 Exp. .... <b>\$3.59</b><br>36 Exp. .... <b>\$5.59</b><br>COUPON MUST ACCOMPANY FILM |  | <b>DEN COUPON</b><br><b>CREST TOOTHPASTE</b><br><b>99¢</b><br>6.4 oz<br>LIMIT 1                       | <b>DEN COUPON</b><br><b>CONTAC COLD CAP'S</b><br><b>\$1.69</b><br>10's<br>LIMIT 1     | <b>DEN COUPON</b><br>200 ct<br><b>FILLER PAPER</b><br><b>99¢</b><br>College Ruled<br>LIMIT 1  | <b>DEN COUPON</b><br><b>IVORY Dishwashing Liquid</b><br><b>\$1.09</b><br>22 oz<br>LIMIT 1 | <b>DEN COUPON</b><br>3 x 5<br><b>INDEX CARDS</b><br><b>29¢</b><br>100 ct Plain or Ruled<br>LIMIT 2 | <b>DEN COUPON</b><br>IOWA PRINTED<br><b>Sweat Pants</b> <b>\$8.99</b><br>IOWA PRINTED<br><b>Sweat Shirts</b> <b>\$8.99</b><br>Pastel Colored<br><b>Sweat Shirts</b> <b>\$8.99</b><br>NO LIMIT |  |  |



# Columbia flight 3

## What is plasma?

Plasma is an electrically-charged gas that fills the voids of space, and is estimated to make up 99 percent of the universe.

Plasma provides a buffer between the Earth's atmosphere and interplanetary space, shielding the planet from excessive ultraviolet rays from the Sun and making worldwide radio communication possible because radio waves can bounce off of it.

The radiation from the sun is so intense that it rips electrons from gas particles. The resulting negatively-charged electrons and positively-charged ions rarely combine, and the result is plasma.

In interplanetary space, hydrogen ions and helium ions are the most abundant. Closer to Earth, the elements that make up the atmosphere — oxygen ions and nitrogen ions, for example — occur more frequently.

At the 150-mile height of the space shuttle's orbit, the non-ionized gas is more abundant than the plasma. The atmospheric pressure is about .000000001 that found at the Earth's surface.

Plasma is not the only term brought up in discussions of the

third flight of the space shuttle Columbia. Some other terms and acronyms follow.

**Artificial satellite** — An Object placed by man in orbit.

**Electromagnetic wave** — Waves characterized by variations of electric and magnetic fields and propagated through free space with the speed of light. This includes light, radio waves and microwaves.

**Electron** — A stable elementary particle with a negative charge.

**Ion** — An atom, or aggregate of atoms, which is electrically charged. The ions in plasma are positively charged because the sun's energy frees a negatively-charged electron from its orbit around an atom's nucleus.

**Ionosphere** — The region of the Earth's upper atmosphere which exhibits appreciable electric conductivity due to the ionization of the air.

**Orbiter** — The portion of the space shuttle that actually makes it into orbit. In general, the terms shuttle and orbiter are used interchangeably.

**PDP** — The Plasma Diagnostics Package. See story to the right.

**Proton** — A stable elementary particle with a positive charge.

**Solar wind** — A highly ionized plasma of protons and electrons in overall neutrality which streams away from the Sun at 300-500 kilometers per second.

# The PDP and its 15 instruments

The Plasma Diagnostics Package, as its name suggests, was designed to analyze plasma — the rarified, electrically-charged gas that fills the "void" of space.

The PDP was designed and built at the UI under the direction of Stanley Shawhan, UI professor of physics and astronomy. The project, including data analysis that may take as long as a year, will cost about \$4.3 million.

The PDP is a 42-inch diameter cylinder about 2½-feet tall. It weighs about 350 pounds and contains 15 instruments to measure electric and magnetic fields and plasma characteristics, such as energy, density and flow.

The PDP was one of six investigations selected for the space shuttle Columbia's third flight. More than 300 proposals were made.

The PDP made its measurements in two different ways: latched in the shuttle's payload bay, and from the end of the 50-foot-long Canadian-built remote manipulator system.

The PDP has three main scientific objectives:

• Measuring the electromagnetic "noise" produced by the shuttle's motors, computers, radios and other electrical systems.

• Looking at the effect the shuttle has as it plows through the plasma, leaving a wake much the same way a boat leaves a wake in water. Similar plasma disturbances are believed to be the cause of radio emissions from one of Jupiter's

moons.

• Examine the effect of an electron beam fired through the plasma. By moving the PDP through the beam and the area around it, the interaction of the beam, plasma and the earth's magnetic fields may be examined. Aurora, such as the northern lights, are caused by a natural beam of electrons striking the earth's plasma.

## Instruments on the PDP

**Low Energy Proton and Electron Differential Energy Analyzer, or LEPEDEA.**

Measures the energy of ions — positively charged particles — and electrons — negatively charged particles — in plasma. Designed by Louis Frank, UI professor of Physics and Astronomy.

**AC Magnetic Wave Search Coil Spectrum Analyzer.**

Measures AC magnetic wave fields in a specific frequency range.

Designed by Donald Gurnett, UI professor of Physics and Astronomy.

**AC Electric Wave Spectrum Analyzer.**

Measures AC electric fields in a specific frequency range.

Designed by Gurnett.

**Wideband Wave Receiver.**

Measures AC magnetic and electric fields in a specific frequency range.

Designed by Gurnett.

**Medium Frequency Wave Spectrum Analyzer.**

Measures electromagnetic waves of medium frequency.

Designed by Stanley Shawhan, UI professor of Physics and Astronomy.

**High Frequency Wave Spectrum Analyzer.**

Measures electromagnetic waves of high



The PDP sits locked in its pallet in the shuttle's payload bay.

frequency.

Designed by Shawhan and Dwight D. Fortna of the Goddard Space Flight Center.

**S-Band Field Strength Meter.**

Measures S-Band transmitter field strengths in a specific frequency range.

Designed by Shawhan and Albert Merrill of the Aerospace Corporation.

**Energetic Electron Fluxmeter.**

Measures electron flux.

Designed by Frank and Harry Owens, an engineer in the UI Physics and Astronomy Department.

**Ion Mass Spectrometer.**

Measures the mass of charged particles — ions — in the plasma.

Designed by Henry Brinton of the Goddard Space Flight Center.

**Retarding Potential Analyzer.**

Measures ion energy distribution and concentration.

Designed by David Reasoner of the Marshall Space Flight Center.

**Differential Ion Flux Probe.**

Measures directed ion velocities.

Designed by Noble Stone of the Marshall Flight Space Center.

**Langmuir Probe.**

Measures electron concentrations and electron temperatures.

Designed by UI Professor of Physics and Astronomy Nicola D'Angelo and Gerry Murphy, operations manager for the PDP project.

**DC Electric Field Probe.**

Measures DC electric fields.

Designed by Gurnett.

**Triaxial Magnetometer.**

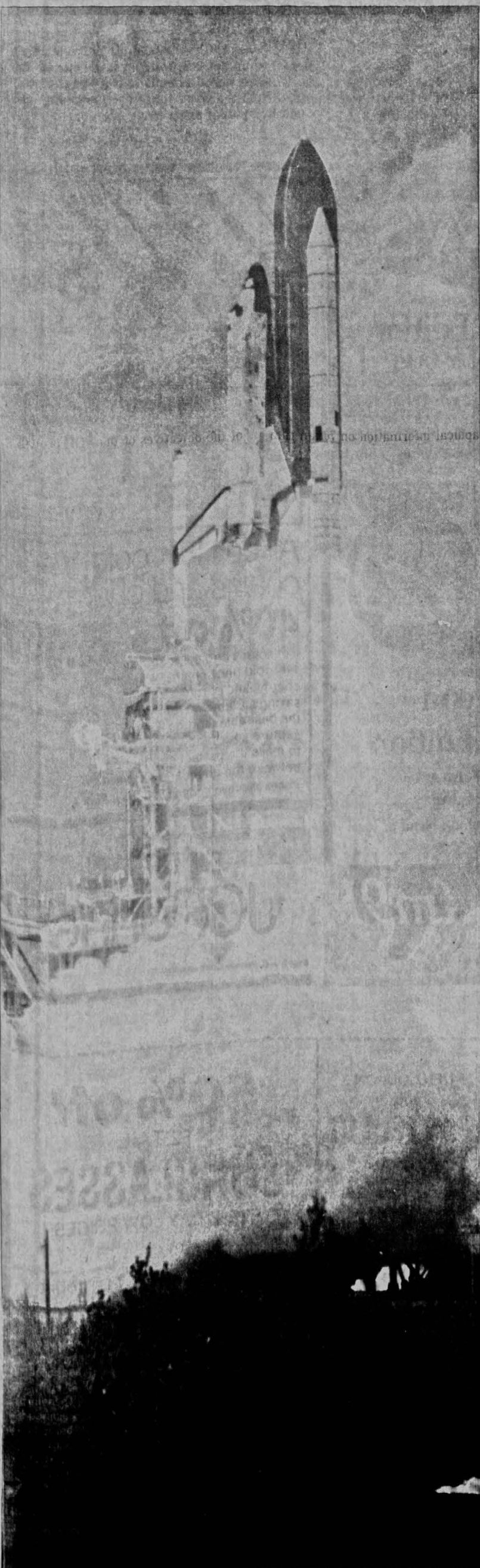
Measures DC magnetic fields.

Designed by Shawhan.

**Neutral Pressure Gauge.**

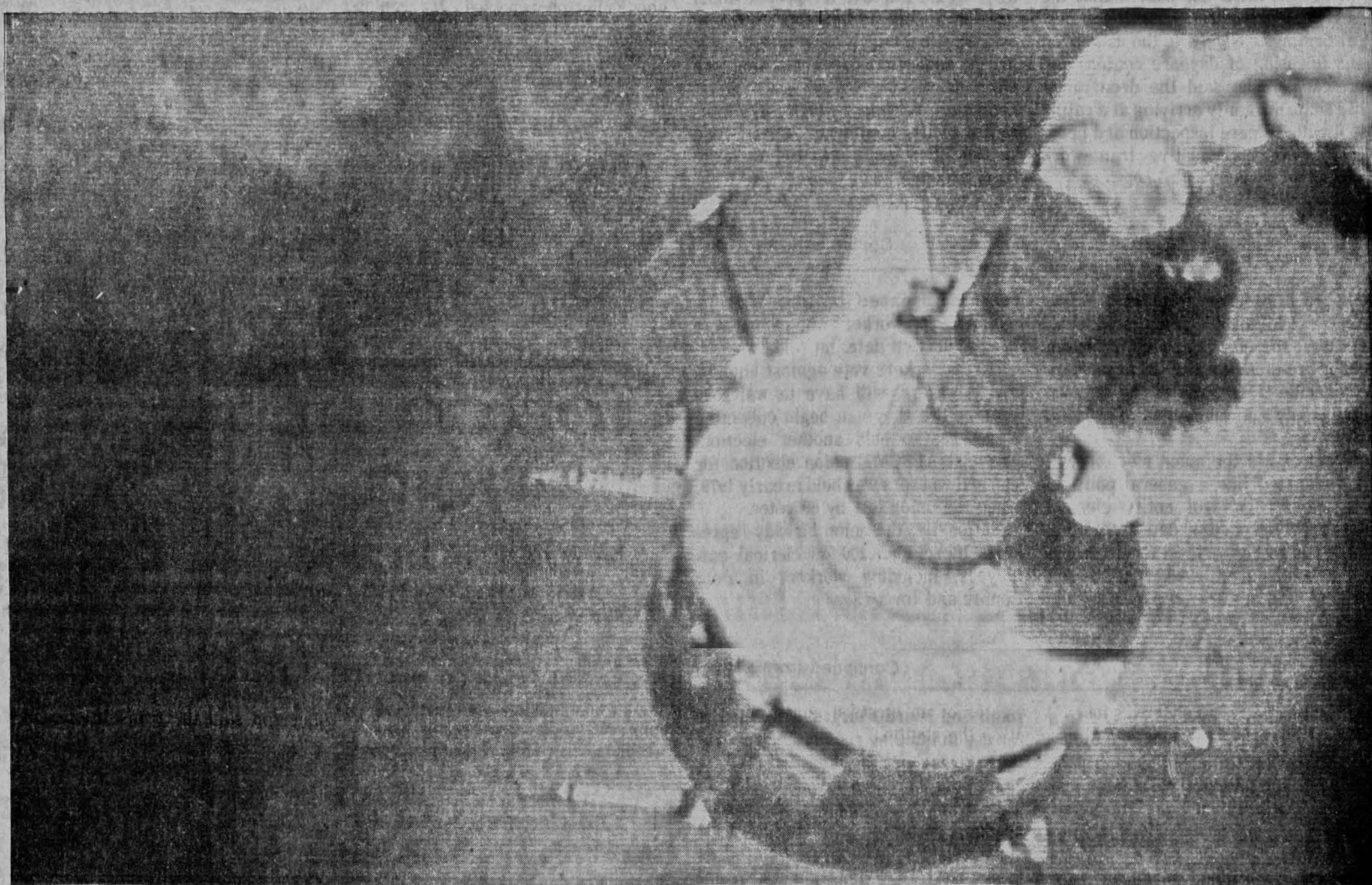
Measures ambient pressure.

Designed by Shawhan and Owens.



## Lift off

The space shuttle Columbia's third flight began fractions of a second before 10 a.m. Iowa time Monday, March 21. Although the craft took off from Cape Canaveral, Fla., control of the mission was transferred to Johnson Space Center in Texas when the bottom of the shuttle cleared the launch tower.



The PDP was the first object picked up by the shuttle's 50-foot, Canadian built Remote Manipulator System. Here it is seen with the Earth in the background.

# PDP finds shuttle is like a comet

By Cecily Tobin  
Assistant Metro Editor

A lot has gone wrong during the space shuttle Columbia's week-long mission. Tiles fell off, windows fogged up, two television cameras and a tape recorder went on the blink, a radio link-up malfunctioned and the toilet didn't flush.

But against this backdrop of minor calamities, the UI-designed and built Plasma Diagnostics Package performed flawlessly during the shuttle's third test mission.

An on-board computer activated the PDP on Monday at 2:40 p.m. and the PDP worked "very smoothly" from that time on, UI scientists said.

The PDP is a set of 15 scientific instruments to measure the interaction between the plasma and the space shuttle. The PDP is under the direction of Stanley Shawhan, UI professor of Physics and Astronomy.

As the name suggests, the package is designed to analyze plasma — specifically, the plasma found at the upper reaches of the earth's atmosphere.

A plasma is an electrically conducting medium composed of positively charged ions, and negatively charged electrons. About 99 percent of the universe exists in the plasma state.

**THE PDP HAS** been measuring the properties of the plasma around the shuttle as it orbits about 150 miles above the earth's surface. The PDP's most important role has been to help researchers gauge how the shuttle's presence modifies the space environment it travels through.

The shuttle "contaminates" its immediate environment with gaseous particles and electromagnetic radiation, complicating measurements made by instruments on or near the orbiter.

So, to correctly interpret such measurements, scientists need to understand just what the shuttle does to the space surrounding it.

UI Professor Louis Frank, a PDP co-investigator, said preliminary analysis of PDP data collected in Iowa City indicates that certain phenomenon, including radio waves, plasma waves and electromagnetic radiation, can be detected using the shuttle.

"This indicates that even with the PDP inside the orbiter we are able to detect natural emissions," said UI scientist Roger R. Anderson. "It gives us a lot of faith in the instruments — they're working well."

"But if you ask the question, 'Can we look at the undisturbed medium using the shuttle?' the answer is probably 'no,' because the shuttle disturbs it. But there are still many naturally occurring things that can be studied with the shuttle."

**WHILE IT REMAINED** in the shuttle's cargo bay, the PDP picked up three different types of naturally occurring electromagnetic emissions — chorus, ELF (extremely low frequency) hiss and spherics.

Roger R. Anderson, an associate research scientist in the UI Department of Physics and Astronomy, said chorus and ELF hiss emissions are produced when particles interact with energetic electrons. Spherics, which produce chirp-like sounds over a radio receiver, are caused by lightning on the earth.

"This indicates that even with the PDP inside the orbiter we are able to detect natural emissions. It gives us a lot of faith in the instruments — they're working well. It also indicates that good experiments can be done from the shuttle," Anderson said Wednesday.

The only snag for the UI experiment came Wednesday, when NASA officials decided to delay the maneuvering of the PDP using the Canadian-built Remote Manipulator System — commonly referred to as the "arm." Two of the television cameras used to control the arm were malfunctioning at that time.

But the astronauts used the 50-foot arm Thursday and Friday to pick up the 350-pound PDP and sweep it through the plasma surrounding the shuttle. This allowed measurements of the complex plasma and electromagnetic disturbances caused by the shuttle.

**AS THE SHUTTLE** travels at a speed of approximately 7 kilometers

per second, it disturbs the plasma and the electromagnetic field around the earth.

These disturbances are analogous to the waves and wake produced by a boat traveling through water, but are much more complex. Deploying the PDP on the arm allowed point by point measurements of the wave and wake regions around the orbiter.

Frank said that when the PDP was still fairly close to the shuttle, measurements indicated the presence of a neutral atmosphere. "It looks like the shuttle is carrying its own atmosphere — sludge from whatever they're dumping up there," he said, referring to the gases released by the shuttle.

When the arm moved the PDP further away from the orbiter, measurements indicated a region of electrically charged gases.

"So it looks like the orbiter is like a comet. It has its own main body, which is like the comet itself. It has a neutral atmosphere ... and then as the sun's rays come on the outer surface of that blob of neutral gases traveling along with it, it is ionized, making it much similar to a comet. And that's very surprising," he said.

Frank said this comet-like behavior has rarely been observed because most artificial satellites are much smaller than the orbiter, and do not carry an atmosphere along with them. But the orbiter is "immensely big" and therefore has a great impact on its surroundings.

**THE PDP INSTRUMENT** that Frank designed is called a Low Energy Proton and Electron Differential Energy Analyzer, or LEPEDEA, and it measures the energy of the particles in plasma.

"LEPEDEA has essentially two sensors in it. One to analyze the negative particles, the electrons, and the other one to analyze the protons (positively charged particles)."

The device determines how fast the particles are moving, which indicates how energetic they are.

While the PDP was in the cargo bay of the shuttle, the LEPEDEA picked up some faint responses, Frank said. But when the arm moved the PDP into the wake region, the intensities of some of the measurements "were so strong that it tripped our safety circuit" and the LEPEDEA shut down momentarily.

When this occurred, the PDP was probably in the ionized region between the orbiter's neutral atmosphere and the natural plasma environment. He said the "big signals" detected by the LEPEDEA indicate the instrument was passing through the compressed wake region of energetic particles.

**BECAUSE THE SHUTTLE** has its own atmosphere, telescopes in the cargo bay may not be able to see any further than earth-bound telescopes, Frank said.

The orbiter's atmosphere could conceivably obscure the view through telescopes as much as the earth's atmosphere does. He said tests carried out on this mission should determine whether this is the case.

Henry Brinton, a NASA official from the Goddard Space Center, monitored data from a PDP instrument known as the ion mass spectrometer in Room 509 Van Allen Hall.

The ion mass spectrometer records types and amounts of charged particles — ions — in the naturally occurring atmosphere around the shuttle, and those given off by the shuttle itself.

**BRINTON SAID** his data showed that the shuttle was "cleaner" than scientists had anticipated.

"We were prepared for the worst," Brinton said, indicating that scientists thought the shuttle might contaminate its environment so much that useful measurements could not be obtained from instruments in the cargo bay.

But preliminary results from the spectrometer indicated that contamination from the shuttle was negligible and that useful measurements could be obtained while the package remained in the cargo bay. "Things are much better than we had expected," Brinton said.

As the PDP is crowd around are Marty Ke

# The wor

By Howard He  
Assistant Metro

**HOUSTON** — communications were as the space ground tracking around the PDP much as usual.

Because are only astronaut Gordon Fullerton tempt to lift the shuttle's 50-foot successful. If the cessful, a major was supposed been obtained. At 9:26, control re-established, ple began to cr in a space may look at the col top of a cabin. It was diffic payload bay; and the TV can for the sunlit w orbiter's tail.

**SOMEONE** PDP wasn't on be on," said Shawhan, principal project. At this being used to arm.

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At 28½ minutes Murphy, PDP a little worried he asked. Time who switched der about 15 seconds scheduled to they were.

As Fullerton the PDP had Shawhan, stand speaker hooked radio, asked M that up a little "And now Fullerton radi

# Tiger The

By Howard H  
Assistant Metro

**HOUSTON** — flying tiger has one way UI s their school st

The PDP co center was de stickers and s hawk stickers ber of the U ification badg "We felt tha been known in wanted to adv said UI Prof principal inves ject.

"I think the least most of that this is a N understand the of the univer- And I felt that the fact that added.

The tiger has kangaroo tha Johnson Space crew. A read, "These side-by-side between the s the JSC pay munity."

**TO GET T** brownish-red sewn on to the ing a PDP ant



## Columbia flight 3



As the PDP is first activated on the arm, UI scientists crowd around a TV at mission control. Standing, from left are Marty Kerl, Roger D. Anderson, Gerry Murphy, Stanley Shawhan and Terry Clauson. Seated in the foreground is Tim Clark.

## The pace at mission control: work, wait, work, wait...

By Howard Hess  
Assistant Metro Editor

HOUSTON — This time, when communications were lost for one-half hour as the space shuttle was in between ground tracking stations, the people around the PDP console didn't relax as much as usual.

Because around 9 a.m. Thursday, only astronauts Jack Lousma and C. Gordon Fullerton knew whether an attempt to lift the UI's PDP with the shuttle's 50-foot robot arm was successful. If the attempt was unsuccessful, a majority of the data the PDP was supposed to collect could not have been obtained.

At 9:26, contact with the shuttle was re-established, and about a dozen people began to crowd around the console, in a space maybe 12 feet by 20, to get a look at the color television placed on top of a cabinet.

It was difficult to see the shuttle's payload bay; the bay was in shadow and the TV camera was compensating for the sunlit white ceramic tiles on the orbiter's tail.

SOMEONE AT THE console said the PDP wasn't on — "it's not supposed to be on," said UI Professor Stanley Shawhan, principal investigator for the project. At this point, the PDP was just being used to test the Canadian-built arm.

The TV, connected to one of NASA's closed circuits, had been brought into the Payload Operations Control Center by the UI group. So had a video tape recorder connected to the TV, recording the pictures of the PDP suspended 1-2 feet above its mounting platform.

At 28½ minutes after the hour, Gerry Murphy, PDP operations manager, got a little worried. "Are we recording?" he asked. Timothy Clark, the engineer who switched on the video tape recorder on the video tape recorder, said the PDP was scheduled to start, assured Murphy they were.

As Fullerton and Lousma went to put the PDP back on its platform, Shawhan, standing about 8 feet from a speaker hooked up to the air-to-ground radio, asked Murphy, "Can you crank that up a little bit?"

"And now we're, starting down," Fullerton radioed.

HOUSTON — Putting Iowa's high-flying tiger hawk on the PDP was just one way UI scientists tried to show their school spirit.

The PDP console in NASA's control center was decorated with various UI stickers and symbols. And small tiger hawk stickers decorated every member of the UI team's security identification badges.

"We felt that, number one, Iowa has been known in space physics... and we wanted to advertise that capability," said UI Professor Stanley Shawhan, principal investigator for the PDP project.

"I think the second thing is that at least most of the media understand that this is a NASA project. They don't understand the degree of participation of the universities and private labs. And I felt that we wanted to emphasize the fact that it wasn't just NASA," he added.

The tiger hawk had a companion: a kangaroo that is the mascot of the Johnson Space Center payload operations crew. A press release on the pair read, "These two are symbolic of the side-by-side first cooperative effort between the scientific community and the JSC payloads operations community."

TO GET THE symbols, made of brownish-red flight-certified material, sewn on to the thermal blankets covering a PDP antenna, the UI group had to

"ROGER, LOOKING good," was the reply from Sally Ride in mission control.

Fullerton, controlling the arm, had a little trouble getting the PDP into position. Before the PDP can be pulled back into its latched position, parts of it must press switches in three areas, ensuring the PDP is level with respect to its platform.

Only two of three indicators were "gray," or okay.

"Okay, we've got three grays. How about that sports fans, we've got three gray," Fullerton radioed.

THE SHUTTLE drifted out of communications range, causing the picture to disappear from the TV screen just as Capsule Communicator Ride radioed, "We're seeing a super picture here."

The group around the TV laughed; as Shawhan put it, "That's a capcom for you — they can't anticipate."

Now that Columbia is out of contact, the atmosphere changes. Shawhan, Murphy and the others have time to explain what has happened or what is going to happen.

Shawhan plays a cassette tape of PDP data collected at North Liberty, Iowa, for Stanford University Professor Peter Banks, principal investigator of an electron gun experiment on the shuttle.

The tape is of electrical interference detected by the PDP that, when played back, is in the range of human hearing. Banks' electron gun experiment can be heard on the tape making what Banks called a "chirping noise."

There's time for a little NASA promotion, too. A NASA camerawoman asked Shawhan and Banks to listen to the tape again so she could get a little footage.

SHAWHAN LOOKS AT a TV monitor hanging from the ceiling. It shows that a little bit of time is left before the shuttle comes back into contact with the ground.

"Three minutes, huh? I gotta go to the RMS (arm) people and congratulate them."

At 9:42 a.m., Fullerton radios, "Okay, I've got the PDP out in the breeze right now." At 9:44, the PDP is automatically turned on by a computer on the shuttle. "Fantastic. So you got it all powered up and all squared away,"

walk a fine line between getting the "special sighting aids" approved and trying to keep them a secret.

"I did call NASA headquarters at one point to ask if there was a problem with using symbols that represented the university. And they said that Canada wrote 'Canada' on the robot arm it supplied for the shuttle, Shawhan said.

A data package with an engineering drawing of the symbols and assurance the symbols met other requirements was provided to NASA, he said.

The first NASA report of the sighting aids came Friday, when astronaut C. Gordon Fullerton radioed mission control: "Some sort of strange powder on the bottom of the high-frequency antenna. It's hard to tell. Looks almost like a couple of animals or something."

Efforts to get the symbols televised failed.

The PDP group tried, also unsuccessfully, to have the Iowa fight song played to wake up the space shuttle's astronauts Friday — the day the UI experiment had its heaviest use, according to Gerry Murphy, PDP operations manager.

THE FIGHT SONG was aimed at Jack Lousma, commander of the third shuttle flight and a graduate of the University of Michigan. Lousma placed a "Go Blue" banner in the crew cabin for a television broadcast.

A few weeks before the flight, a recording of the fight song was sent to mission control for possible use. Each day some kind of recording — usually

Shawhan said.

The PDP was being lifted out above the shuttle by the arm.

In a minute, the payload control officer has called the PDP console to ask about some status indications. Murphy tells him the readings all look okay. The temperature outside the PDP is about -12 degrees Celsius, according to the screen displays.

At 9:46, the shuttle is again out of communication range. It's congratulatory time, and Shawhan starts by shaking Murphy's hand. "Way to go Gerry. Two babies in one week."

MURPHY'S WIFE gave birth to their second child, a girl, the night before he left for Houston.

NASA is about to replay the PDP shots on the closed circuit. Murphy goes over to the video tape recorder asking "How do you make this thing go?" As he starts it, he adds, "Never mind."

At 10:15, Engineer Marty Kerl prepares for acquisition of the shuttle's signal by turning on a chart recorder for PDP data. A minute or so later, no data is being recorded on the chart. He goes to the PDP console and asks if the PDP is working properly. A minute or so later the problem is sorted out; the shuttle is traveling over a voice-only ground station and no data is being received.

Kerl shuts off the chart recorder. Murphy, looking at the console displays, asked the payload control officer for a PDP data update. The payload officer answered that the shuttle was over a voice-only site. Kerl laughed and said to Murphy, "you could have asked us."

MURPHY CONTINUED to try to set up some TV pictures of the PDP on the robot arm. But the payload officer was not convinced; he said he preferred not to change the TV plans; the pictures were considered relatively unimportant.

Murphy got a little angry. "They're extremely important, depending on your point of view," he replied.

At 10:25 a.m. payload control came on the loop: "PDP, you should have data." Work on the console started to pick up again.

Soon after, Capcom Ride told the astronauts "for your information, the PDP is getting super data out there."



A tiger hawk and a kangaroo symbol were added to a one-fourth scale model of the PDP on Friday after astronaut C. Gordon Fullerton reported seeing them. Marty Kerl, who did the engineering on the life-size symbols, added scaled-down symbols to the model.

funny — is played to wake up the astronauts.

This mission's wake-up songs included "On the Road Again" and the Air Force and Marine hymns.

And Friday evening, after Fullerton talked about the symbols on the PDP, UI Engineer Marty Kerl made sure that they were added to the one-fourth scale model PDP used for demonstrations.

## Scientists at UI track orbiter, ship data to Houston in a day

By Cecily Tobin  
Assistant Metro Editor

When UI physicists, astronomers and engineers ran to "catch a pass" last week, they weren't on the football field. The researchers were hurrying to their monitors every time the space shuttle Columbia "passed" during its seven day, 115-orbit voyage.

Eleven UI scientists at the Johnson Space Center in Houston, about a dozen at Van Allen Hall, and four at the North Liberty Radio Observatory have intensively followed the shuttle's mission, which is scheduled to end today.

Their attention focused primarily on the UI-built Plasma Diagnostics Package, or PDP, aboard the orbiter and the data it collected and radioed back to Earth.

During the mission, the UI investigators formed a tense but effective network that allowed scientists in Houston to analyze refined data less than 30 hours after its collection at the North Liberty Radio Observatory, about 10 miles northwest of Iowa City.

ROGER R. ANDERSON, associate research scientist in the UI Department of Physics and Astronomy, said "it was pure luck" that the shuttle traveled within range of the North Liberty radio dish five times a day between about 8 a.m. and 5 p.m.

Anderson, who helped collect and process PDP data at Van Allen Hall, said the path and the timing of the shuttle's orbit was not planned to accommodate UI scientists in Iowa City.

"These passes are extremely fortuitous for us," he said Wednesday.

When the PDP was activated last Monday at 2:40 p.m. Iowa time, its 15 instruments began to measure the properties of the shuttle's environment. All the data was stored in an on-board data recorder and was simultaneously radioed back to tracking stations on earth.

Anderson said 16 channels of PDP data were included in the shuttle's telemetry and were received by UI scientists in Houston. But this is less than one-tenth of all the data collected by the UI instrument.

TO PROVIDE A complete report of measurements, the PDP is equipped with its own one-watt radio transmitter.

Anderson said the transmitter sent

## UI's Van Allen and colleagues helped launch the 'Space Age'

By Cecily Tobin  
Assistant Metro Editor

The space shuttle Columbia, which has carried the UI Plasma Diagnostics Package during its week-long orbital voyage around the earth, is the 58th spacecraft with UI equipment in its payload.

Led by Professor James Van Allen, head of the UI Department of Physics and Astronomy since 1951, UI scientists have helped advance space satellites from the simplicity of balloons equipped with Geiger counters to the sophistication of probes like Voyagers 1 and 2, which are now collecting data from the outer edges of the solar system.

UI scientists began to launch space exploration instruments in the early 1950s.

Instruments carried aloft by balloons and rockets measured cosmic rays in the earth's atmosphere. Cosmic rays are streams of extremely energetic particles that bombard the earth's atmosphere.

DON ENEMARK, now an adjunct associate professor in the Physics and Astronomy Department, was an undergraduate in the late 1950s and worked on some of these early probes.

He said "Doc Van Allen" dubbed contraptions that were launched by a combination of rockets and balloons "rockoons." Between 1951 and 1958, the UI launched more than 200 of the devices, laying the groundwork for the early satellite missions.

On Oct. 4, 1957, the Soviet Union launched Sputnik 1, the first artificial earth satellite, and the United States became anxious to catch up in the space race.

In less than four months, the United States entered the competition with the successful launch of Explorer 1 and Van Allen's discovery of radiation belts encircling the earth — "the first major finding of the newly opened space age," according to Newsweek, April 27, 1959.

In Annals of a University of Iowa Department From Natural Philosophy to Physics and Astronomy, James G. Wells recalls the national pride aroused by Explorer 1, and the UI's prominence in the mission.

"LATE IN THE evening of January 31, 1958, Explorer 1 lifted off smoothly into its earth orbit. Two hours later, an anxious and soon a jubilant nation learned that 'Goldstone has the bird,' meaning that the satellite was successfully completing its first orbit.



Michael Miller, UI research assistant, examines data in North Liberty.

about 200 channels that were picked up by the 60-foot radio dish at the North Liberty observatory every time the orbiter "made a pass."

Passes occurred every 90 minutes and lasted an average of about eight minutes, depending on the shuttle's position in relation to the tracking station.

Some of the PDP data collected at the observatory was relayed by microwave to a receiver atop of Van Allen Hall, fed into a computer in the building, and simultaneously recorded and displayed graphically on five TV screens in Room 509.

All of this took place "real time," which meant that scientists could "see" the PDP measurements on the TV screens virtually as they were made.

During each pass, scientists in Room 509 communicated with their colleagues in Houston and at the North Liberty observatory. They also listened to voice communications between mission control and the astronauts.

WIDE BAND DATA — too broad to be sent by microwave — was recorded on magnetic tapes at North Liberty and driven to Van Allen Hall after each pass. The tape was fed into an analyzer, which converted it into graphical information on 70mm film.

Following each pass, UI investigators in Iowa City prepared composites of the data in print and slide form, in black and white and color. Anderson said color prints and slides took an extra day to produce, and arrived in Houston two days after the data was collected.

"The Iowa scientists are able to display PDP data in a more sophisticated way than what they're able to get in Houston," Anderson said.

They also sent scientists in Houston the most important PDP data immediately after its collection by telefax — a method of sending reproductions of printed material over telephone lines.

At 6 p.m. every day, several prints and slides — color, and black and white — five cassette recordings of the radio noise picked up by the PDP and five rolls of film were dropped in the Federal Express box at the Union. The assorted material usually arrived at the Johnson Space Center by 11 the next morning.

Anderson said one of the two on-board tape recorders — the one reserved for storage of PDP data, only — stopped working Tuesday night for unknown reasons. But he said even though some PDP data was not stored, enough was collected to accomplish all of the objectives of the PDP project.

UI RADIATION detection devices were also aboard Mariners 1-5, which made flybys of Venus and Mars in the 1960s.

Donald Gurnett, UI professor of Physics and Astronomy, had a radio wave receiver aboard the Helios A in 1974, and aboard the Helios B in 1976. These missions studied phenomenon taking place in the solar wind and made close approaches to the sun.

In the last decade, the range of planetary exploration expanded hundreds of millions of miles with Pioneers 10 and 11, and Voyagers 1 and 2, which made flybys of Jupiter and Saturn. Once again, UI instruments were on board.

Van Allen's radiation detection device, aboard the Pioneer craft, provided data on the radiation belts around Jupiter and Saturn, which are similar to the earth's Van Allen belts.

Gurnett and UI Associate Research Scientist William Kurth had a plasma-wave detector — a device to measure electromagnetic disturbances in plasma — aboard Voyagers 1 and 2 and established the presence of "super bolts" of lightning at Jupiter in 1979.

Frank and co-investigators Kent Ackerson and John Craven, UI associate research scientists in the Physics and Astronomy Department, recently succeeded in capturing the world's first complete photograph of the aurora borealis — the northern lights using an imaging instrument that was carried aboard the Dynamics Explorer 1.

UI SCIENTISTS will modify the plasma diagnostic package for Space Lab 2, a shuttle flight scheduled for 1984, and will have instruments aboard the Galileo spacecraft exploration of Jupiter, scheduled for 1986.

Stanley Shawhan, Gurnett and Kurth were among 36 American scientists recently chosen to design and build instruments for a proposed NASA project slated for 1987 to study plasma waves in the earth's atmosphere.

Frank said the UI Physics and Astronomy Department "can be very proud of its record" in space exploration, but should be equally proud of producing many successful graduates. "I think that's one of Van Allen's less-publicized achievements, if not one of his most important," Frank said. "To most people that's not as fantastic and exciting as observing and studying the Van Allen radiation belts, but to the United States as a whole, and its technical well-being, it's probably more important."



## Dispute over Medicaid plan expected to have long life

By Mary Schuwer  
Staff Writer

A disputed part of the Reagan team's proposed New Federalism — moving the state-run Medicaid program to Washington — will remain controversial for several years, according to two health officials who spoke at the Old Brick Forum Sunday.

"We can be assured that the (Medicaid) program will not be expanded and some services will be cut back" if taken over by the federal government as proposed, said Gary Nielson, director of fiscal management at Iowa City's Mercy Hospital.

The administration has proposed that the federal government assume all costs of Medicaid — which provides health care for the poor — in 1984. In exchange, the states would assume the costs and administration of the food stamp and Aid to Dependent Children programs.

In theory, the swap will save states \$19 billion by 1984.

The presentation, "The Federalization of Medicaid: How Will it Affect Iowans?" was the second of three programs addressing medical dilemmas of the 1980s.

DR. MICHAEL REAGEN, commissioner of Social Services for the State of Iowa and an adjunct UI faculty member, said he is apprehensive about management details of the proposed plan, but said he is willing to work with federal officials to reach a compromise.

The state appropriated \$130 million for Medicaid during 1982, Reagen said. Iowa spent \$160 million in federal funds for the food stamp and ADC programs in 1982, he said. Using these figures, the swap would leave Iowa with a \$30 million deficit — something the

president promised would not happen, Reagen said.

He added that the proposed \$28 billion federal trust fund that would tide the states over during the transition period would run out by 1988.

Iowa ranked 14th in the nation for number of citizens receiving Medicaid payments during fiscal 1982, with about 92,000 Iowans benefitting from the program, Reagen said.

The majority of the nation's governors have supported Medicaid federalization as a way to balance responsibilities between the two governments, although they differ on how the finances and regulations will be managed, he said.

Both speakers agreed the swap of programs may change the financing of Iowa's health and welfare services.

NIELSON SAID the federal government tends to place a ceiling on monies allotted for health care and it refuses to compromise, taking a more impersonal approach to health care than the states.

Nielson said a cost-shifting system with funds from commercial insurers and business coalitions can make up short finances. But he said that the system cannot continue to operate, because the business sector is beginning to feel the financial crunch.

If Medicaid is taken over by the federal government, some states may have to reduce the quality of care to match a national standard, Reagen said. If states take over the food stamp and ADC programs, regulatory interaction between states may be a problem, he said.

Options available to the federal government are placing a ceiling on payments, raising eligibility guidelines, or redefining services that are offered under the program, he said.

## Herpes: an epidemic infection with no treatments or cures

By Karen Herzog  
Staff Writer

Genital herpes has steadily been increasing at an epidemic rate in eastern Iowa over the past 10 to 15 years, but researchers have yet to find a cure, according to Dr. Louis M. Katz, UI fellow associate in the College of Medicine.

Since the dangerous and uncomfortable infection was first diagnosed, researchers have spent time and money looking for a cure or an effective treatment. "I must have a foot of files, and I haven't researched it like some have," Katz said.

The infection appears as little blisters and/or tiny shallow ulcers on the genitals, and causes burning, itching and some discharge. "The first time you have contact with the virus it's a little more painful," Katz said.

As common as any identifiable virus except the common cold, genital herpes is recurrent. "Once you know you've got it, though, you've got most of the information you need." Although there is no cure, the doctor said the only known way for people who have herpes to prevent infecting others is to abstain from sex during infection, as close contact is required for passage of the virus.

KATZ SAID one home remedy often used to treat the virus is to place ice cubes on the lesions. "But

nothing has been shown to shorten the course," he added.

Presently, there are drugs being tested that may be effective against certain types of herpes. Unfortunately, Katz doesn't think researchers will make any major breakthroughs to combat genital herpes in the near future.

The virus goes through a dormant stage, resting in the central nervous system, Katz said. At this time, it is not infectious. "It wakes up at irregular intervals to cause problems, though," he said.

ONE OF THE biggest problems connected with the virus is panic at the diagnosis. But before prematurely diagnosing symptoms, someone suspecting that they have genital herpes should consult a doctor, Katz said. "Venereal diseases are heavily charged with emotion, and this is probably a little worse because there is no cure," he said.

"About the only thing I can stress now is that if you find out you have the infection, be rational...it's not the end of the world," Katz said.

Herpes infection not only affects sexually active people, but can also seriously affect newborn infants if not diagnosed soon enough, he said. Once a pregnant woman suspecting herpes sees a doctor though, "she doesn't put herself or the infant in any danger. We can use precautionary measures if we know," Katz said.

## Many medical school grads enter family practice training

By Nancy Lonergan  
Staff Writer

Family medicine attracted approximately one-fourth of this year's UI medical school graduates through the UI's Statewide Family Practice Training Program, according to Dr. Paul M. Seeborn, executive associate dean of medicine.

Forty-two of 175 graduates are entering family practice specialty training, Seeborn said.

When the program began nine years ago, only one of 33 graduates elected the specialty training, he said.

During the 1950s and 1960s many small Iowa communities lost their family doctors because of retirement, death and other reasons, he said.

"IN THE LESS populated areas, in states like Iowa, there was a need for more general practitioners," he said. The program began when members of the medical profession "agreed there was a need to reincarnate the general practitioner."

"This program turned the whole thing around," he said.

The program is based on national statistics indicating that where a physician serves his residency is the most influential factor in where he decides to practice, he said.

To encourage doctors to remain in Iowa, the

program places medical residents in model offices in nine Iowa cities, he said.

The resident builds up a practice of patients and cares for them under an instructor's supervision throughout his three years of residency, he said.

An office setting is a better teaching method than those used in the past, he said. "This is really the way (family) medicine is practiced."

WHILE THE NUMBER of family practitioners has increased in recent years, it is not a new area of interest among students, he said.

"It has always been my experience that there was always a latent interest among students in general practice — to not get isolated in a special area."

Once the medical profession recognized the need for general practitioners and established the program, "students responded without coercion, to our surprise," he said.

In recent years two out of three graduates of the program have remained in Iowa to practice and half of these practice in towns of less than 10,000 people, he said.

Yet Seeborn doesn't predict a glut of family doctors in Iowa.

Despite the success of the program, the state is just breaking even in the number of family doctors, he said. "In the next 10 years we need to just hold even with what we're doing," he said.

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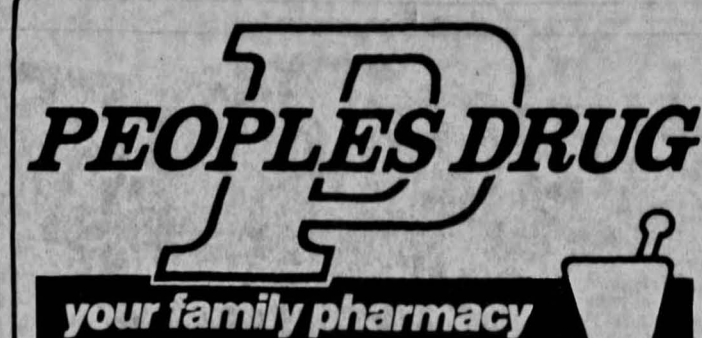
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## Arts and entertainment

# The envelope please: 1981 Oscar picks from on high

By Roxanne T. Mueller  
Arts/Entertainment Editor

All right, sports fans. Do you think I'd let this year's Oscar race get away from me without predictions from on high? No way. I've ventured into the waters too many times not to tempt the fates again this year.

My record is not without blemish, although I've consistently predicted the top six finishers with a record of about 88 percent accuracy (somebody in the supporting actor category usually trips me up but, as Bill Murray used to say, they're not important anyway).

Since I'm only going for the Big Six, I won't unduly influence anyone who still wants to enter The Daily Iowan Oscar contest, which a lot of you already have. The contest deadline is 5 p.m. today.

I'll do the usual preface and say my choices are not necessarily those I'd like to see win, but rather the way I think the cliquy Academy will swing, where sentiment is high and success at the box office alluring.

**FOR BEST PICTURE**, both Craig Wyrick, the DI's other hardworking film critic, and I are going with *Reds*. Every few years, Hollywood loves to honor excess and Warren Beatty's celebration of the Russian Revolution and the journalistic couple who covered it admittedly has an epic flourish and certainly represents a lot of devotion on the part of Beatty to bring it to the screen. Something like *On Golden Pond* may pull in the sentimental votes, but *Reds* adds a touch of prestige to a too-often beleaguered Hollywood forever trying to fight its image of sex and sin.

While Beatty will most likely be passed over for Best Actor honors, Wyrick and I both choose him for

## Films

picking up the Best Director Oscar. If he gets it, the trend begun last year, with Robert Redford winning for his intelligent direction of *Ordinary People*, will be continued. My sentiments are for Louis Malle's immensely appealing direction of *Atlantic City*, but that little film just hasn't generated enough box office.

**FOR BEST ACTOR**, Henry Fonda of *On Golden Pond* is the odds-on favorite. We all know why. Won't he be surprised if he doesn't get it?

Best Actress is a little harder to gauge. Wyrick goes for Meryl Streep for her performance as *The French Lieutenant's Woman*, but I say she's still dusting off her supporting Oscar for *Kramer vs. Kramer*. Streep isn't "Hollywood" enough for the folks who live there. Neither is Katharine Hepburn, but it's my bet she'll roll up her fourth Oscar for her work in *On Golden Pond*.

Like I say, the Best Supporting Actors' honors usually trip me up somewhere, but the limb must be climbed. Wyrick and I join the general critical consensus in picking John Gielgud for his stuffily magnificent portrayal of Arthur's valet. We differ in the Best Supporting Actress category. Wyrick picks Maureen Stapleton for her Emma Goldman portrayal in *Reds*. I'll really go out in left field and pick Joan Hackett for her long-suffering but witty performance in *Only When I Laugh*. One must take chances in life.

It'll all come out in the wash tonight beginning at 8. Be there. Aloha.

## 'Reds,' Fonda frontrunners

**HOLLYWOOD (UPI)** — The Academy Award ceremony tonight pits Warren Beatty's one-man band production of *Reds* against the sentimental appeal of a chance to honor the ailing Henry Fonda for a lifetime of capturing American characters on film.

Fonda, who has never won a regular Oscar despite an illustrious career spanning 47 years, is a strong favorite to win the best actor award for his portrayal of a crusty old man facing his final days in *On Golden Pond*.

Fonda is too ill to attend the ceremony. Also nominated for best actor — and producing, directing and writing awards — is Beatty, who made and starred in *Reds*, the story of communist John Reed, the only American buried in the Kremlin.

*Reds* and *On Golden Pond* both were nominated for best movie of 1981.

It was the second time Beatty won four nominations, setting an academy record. The only other moviemaker to collect four nominations for the same picture was Orson Welles for *Citizen Kane*. Beatty's and Fonda's co-stars were among the

leading nominees for best actress — Katharine Hepburn for her portrayal of the devoted wife in *On Golden Pond* and Diane Keaton for her performance as writer Louise Bryant in *Reds*.

Also favored was Meryl Streep for her double character title role in *The French Lieutenant's Woman*.

Other films nominated for best picture were *Raiders of the Lost Ark*, *Chariots of Fire* and *Atlantic City*.

Other nominees for best actor are Dudley Moore for his portrayal of a comic, wealthy drunk in *Arthur*, Burt Lancaster for his aging mobster in *Atlantic City* and Newman as the victim of irresponsible reporting in *Absence of Malice*.

Also in the running for best actress are Marsha Mason, who played the troubled mother in *Only When I Laugh* and Susan Sarandon as the gangster's girlfriend in *Atlantic City*.

Johnny Carson will host the 54th annual ceremony, to be telecast by ABC-TV from the Los Angeles Music Center.

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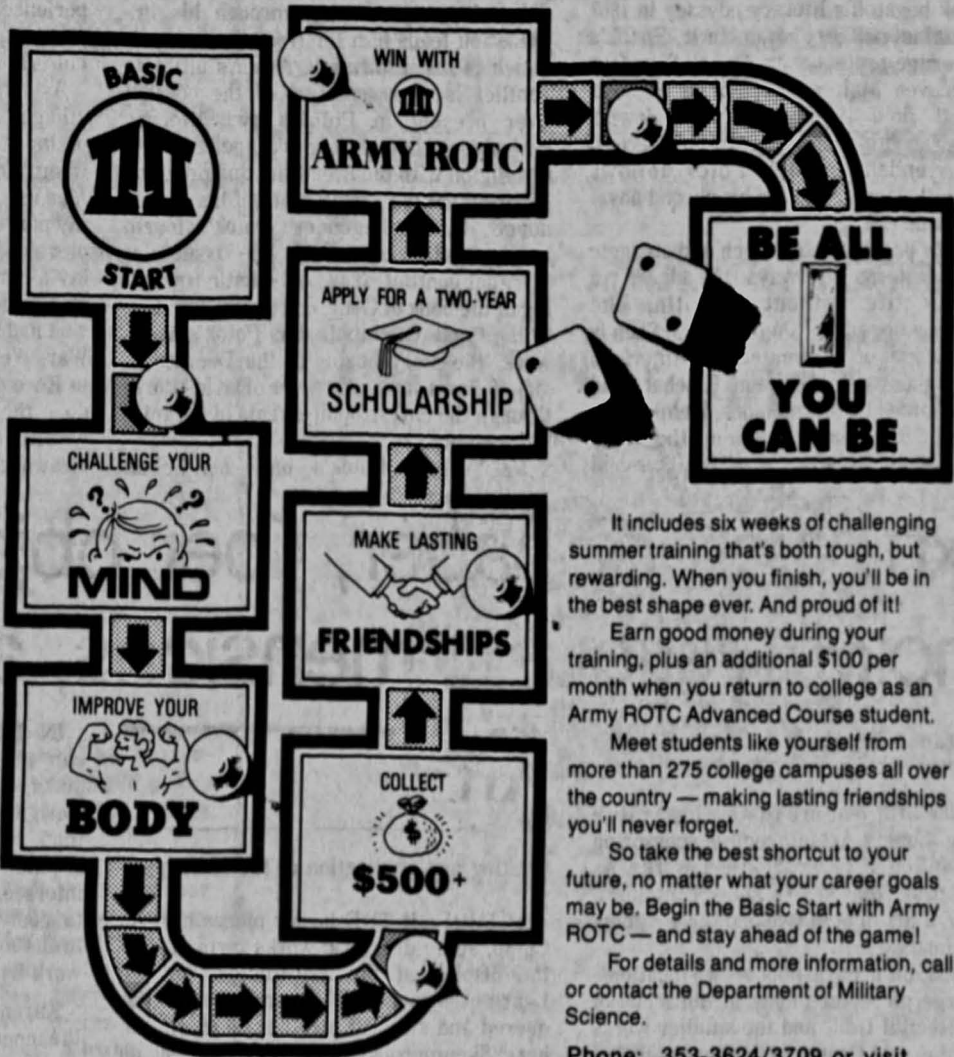
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## Arts and entertainment

# Acclaimed novelist Chaim Potok will read from his fiction tonight

By Cheryl Sucher  
and Steve Albert  
Special to The Daily Iowan

American novelist Chaim Potok, whom the noted literary critic Mark Van Doren once called "the most powerful storyteller living in this or any other country," will read from his fiction at 8 tonight in the Union Ballroom.

Potok, raised in the Orthodox Jewish tradition and himself a rabbi, has won critical and popular acclaim for his ability to universalize his particular experience. He has been hailed for his talent to bring to life the conflict between traditional values and contemporary culture.

Potok began his literary odyssey in 1967 with his novel *The Chosen*. In it, Potok's two teenage protagonists, Danny Saunders and Reuven Malter, meet on a Yeshiva baseball field in the Brooklyn Jewish neighborhood of Williamsburg and begin a long friendship which Potok follows through their adulthood in his second novel *The Promise*.

Potok's protagonists search and struggle to find alternative ways to adhere to religious life without accepting the restricting dogmas of their fathers. Such is the struggle of contemporary American Jewry: the battle between baseball and books, Freud and Maimonides, Hemingway and Rashi, militarism and monotheism.

Their friendship echoes the classical

literary coming together of innocents from warring familial factions, similar to the story of the Montagues and Capulets in Shakespeare's *Romeo and Juliet*.

POTOK, SON of a Polish immigrant, explores the conflict between traditional Jewish life and the life of the artist in his third novel, *My Name is Asher Lev*. Asher Lev is an exceptionally gifted child who breaks with the religious tenets of his family to become a painter. His childhood world is the Jewish home ordered around meals, prayer, tea drinking, philosophical and political arguments and over-protective parents.

Asher is an American Spinoza, a good Jew whose questioning through his imagination leads him far from the tradition which is his inspiration. Asher's ultimate conflict is representative of the conflict ever present in Potok's own literary questioning: how does one reconcile the life of religion with the life of the imagination?

Consistent with the themes of his earlier novels, in *The Beginning*, Potok's fourth book, again deals with the issues of spiritual conflict. It is a novelistic reworking of the book of Genesis from the creation to the flood. Often hailed as Potok's finest work, the story begins in the Depression and follows the character David Lurie through the catastrophic events of the mid-20th century.

Wanderings, Potok's only non-fiction

work, published in 1978, chronicles the 4,000-year history of the Jews in a panoramic yet detailed account. In this and his other work, Potok's vision is characterized by compassion and humanism. Reaching out of the particularity of his own culture, his writing has touched those unfamiliar with his tradition. By nature an academic, Potok as philosopher never overwhelms Potok as novelist.

AT EASE WITH the realm of scholarship and the faith of his forefathers, Potok could have remained content within the boundaries of his own heritage. However, his experience as an American soldier fighting in Korea dramatically affected him, an experience in life rather than of the mind, providing him with the impetus for his own cultural crossing.

As he recounted once, "In the shattered villages of Korea, in the exquisite temples of Japan, in the teeming Chinese hovels of Hong Kong, in the vile back streets of Macao, all the neat antique coherence of my past came undone. Once we bulldozed a piece of Korean earth on our compound to lay a cement foundation for a quonset hut and discovered a mass grave of children who had been butchered during the Korean War. We were always finding such graves in Korea. No one seemed to know who had done the killing; no one really cared. We would cover them over and build elsewhere."

## Exhibition of paper, fiber objects shows various dimensions, attitudes

By Suzanne Richerson  
Staff Writer

For the fifth year in a row the Iowa City-Johnson County Arts Council is sponsoring an exhibition of paper and fiber works. As in the past, this year's show contains a variety of art in both two and three dimensional forms.

The exhibit is on display at two locations. The large pieces are hung in the lobby of Clapp Recital Hall, and the smaller works are at the Arts Center in the lower level of Jefferson Building.

Artists throughout the Midwest were invited to submit their works to be judged. In many cases the choices represent a traditional attitude toward the artist's medium while in others the conception and the finished work are particularly felicitous.

At the Arts Center, Sandra Sadler's "Convergences," a small free-hanging sculpture of thin wood skewers interwoven with dark red string, is an airy arrangement of connected bowed shapes. Similarly, Patricia Lenz Spencer's "Vertical Vegetable and Silks" creates on a small flat surface a combination of textures and muted color nuances through

## Art

printing and application of fabric strips.

ALTHOUGH THE larger pieces hang in Clapp, some dramatic works form part of the display at the Art Center. Annette Lynch uses squares of handmade paper, laquered and stitched together on muslin, in her "Skeumorphs I," a wry comment on female anatomy. Color dramatizes Loret Burton's watercolor, "Celebrating Heavenly Birds," with its folk art influence and also forms the basis for Barbara Manger's "Combo-Combo."

Manger's is a controlled design of cylindrical bundles of thread which breaks out of its rigidity through an almost riotous color palette of background lines that extend outward from square shapes.

The larger works at Clapp were displayed from only 1-4 p.m. and during concerts. However, those who can get to the exhibit during the day will find that the natural lighting and spacious room enhance the visual impact of the works.

IN PARTICULAR, Nancy Purington's cut and pasted watercolor in reds and pinks, appropriately titled "Iowa Spread: Design For February's Bed" counterpoises thick strong lines of red with freer washes of pink. The visual tension between implied intersecting lines and the more spontaneous washes gives the work a pattern of limits and release somewhat similar to the work by Manger.

Karen Connelly's "Lifekite" dominates the inner spaces of the lobby. The piece is a multi-media sculpture with texts on a black pedestal in front of a large kite and tail of fabric stretching to a stone slab inscribed with enigmatic phrases.

"Lifekite" confronts the viewer with both a philosophical and an artistic message. The long tail applied in a random fashion with mundane fabrics contrasts with the formality of the written material on the pedestal and with the final stone to suggest the ordinary and haphazard quality of much of the time between a beginning and a final point in one's life.

Several weavings and pictures are also displayed. Some 60 works make up the total show which continues through April 14.

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- 6:15 Huck and Yogi
- 6:15 Country Day
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- 6:15 I Dream of Jeannie
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- 6:15 Polka Dot Door
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- 6:15 CBS Sesame Street
- 6:15 Movie
- 6:15 Something Beautiful
- 6:15 Bewitched
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- 6:15 One Day at a Time
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- 6:15 Varied Programs
- 6:15 Battlestars

- 6:30 (1) Scooby Doo
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- 6:30 (3) Tic Tac Dough
- 6:30 (4) Rural Roundup
- 6:30 (5) Mr. Rogers' Neighbor-
- 6:30 (6) Bugs Bunny & Friends
- 6:30 (7) Muppet Show
- 6:30 (8) Leave It to Beaver
- 6:30 (9) Movies: A Great Romance
- 6:30 (10) Black Beauty
- 6:30 (11) Gilligan's Island
- 6:30 (12) Hour Magazine
- 6:30 (13) Incredible Hulk
- 6:30 (14) Sesame Street
- 6:30 (15) Munsters
- 6:30 (16) Little House on the Prairie
- 6:30 (17) Happy Days Again
- 6:30 (18) Varied Programs
- 6:30 (19) LiveWire
- 6:30 (20) Muppet Show
- 6:30 (21) Richard Simmons
- 6:30 (22) Leave It to Beaver
- 6:30 (23) Beverly Hills
- 6:30 (24) You Asked For It
- 6:30 (25) Hogan's Heroes
- 6:30 (26) Entertainment Tonight
- 6:30 (27) ABC News
- 6:30 (28) Muppet Show
- 6:30 (29) Electric Company
- 6:30 (30) Barney Miller
- 6:30 (31) Andy Griffith
- 6:30 (32) Magazine
- 6:30 (33) Calliope Children's Pro-
- 6:30 (34) Varied Programs
- 6:30 (35) CBS News
- 6:30 (36) NBC News
- 6:30 (37) Happy Days Again
- 6:30 (38) Welcome Back Kotter
- 6:30 (39) Varied Programs
- 6:30 (40) Gomer Pyle
- 6:30 (41) ABC News
- 6:30 (42) \$50,000 Pyramid

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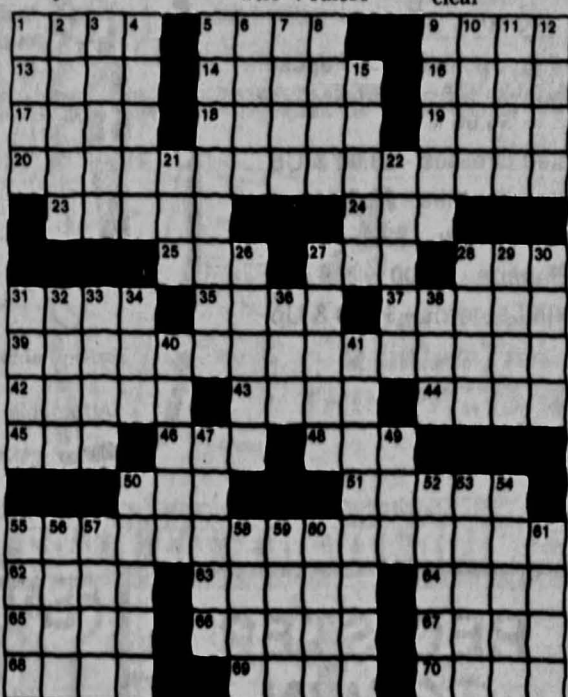
Edited by EUGENE T. MALESKA

### ACROSS

- 1 Departed
- 5 Wise
- 9 Unbalanced
- 13 She, in Paris
- 14 Dress up
- 16 Ballot
- 17 Inter
- 18 Chinese silk plant
- 19 Israeli seaport
- 20 Original impact
- 23 Strict
- 24 Tank for liquids
- 25 — loss for words
- 27 "Go down to ..."
- 28 Author Marshall
- 31 Org.
- 35 A social sci.
- 37 One of the Allens
- 39 Dotage
- 42 News on the sports page
- 43 Pictorial presswork, for short
- 44 "Can": Sammy Davis Jr.
- 45 Frequently, to Keats
- 46 A Gershwin
- 48 Tree juice
- 50 Type of trip
- 51 Popular form of music
- 55 "Eroica"
- 62 Type of support
- 63 Go — for
- 64 Actor-writer-director
- 65 Anent
- 66 Mouthlike opening
- 67 Opinion

### DOWN

- 2 — Island
- 3 Play at love
- 4 Annoy
- 5 Raced
- 6 Syria in ancient times
- 7 Halting walk
- 8 Eastern bigwig
- 9 "Cease, you swabbies!"
- 10 Places
- 11 Other, in Madrid
- 12 End of a hammerhead
- 15 Irritate
- 21 Folk-song syllable
- 22 Cut into cords
- 26 Ghanaian port
- 27 Does some needlework
- 28 Tire
- 29 Country slightly larger than Utah
- 30 "The Breeze —," 1940 song
- 31 Apropos of
- 32 Derivative of "servus" (slave)
- 33 "Scram!"
- 34 Where stained Cain lived
- 36 Exclamation of amused surprise
- 38 "Neighbor's Wife": Talese
- 40 Horse cry
- 41 Guiding principle
- 47 One of TV's biggest hits
- 49 Seed
- 50 Solvent for resins and fats
- 52 This is often close
- 53 Eyelashes
- 54 Command
- 55 What a shark might take
- 56 Conductor
- 57 Tan shade
- 58 Author Bernard De
- 59 Black
- 60 In — only
- 61 Begin to be clear



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MOVE ABOUT CATION  
PAPER OCEAN CATION  
BISMARCK WEDDING  
ROMA RITE  
NARRATE BAR RAVE  
LAWYER ABBOTT  
APPROPRIATELY  
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## Sports

## Hawks 16th at swim nationals

By Mike Condon  
Staff Writer

If someone had told Iowa Head Swimming Coach Peter Kennedy that his team would break four school records, have four women named All-Americans and finish 16th at the national meet, he probably would have laughed it off.

But his team "saw the chance and grabbed it" at the AIAW national swim meet held in Austin, Texas last week.

"I really didn't think we could score that many points (Iowa scored 76½

points)," Kennedy said. "But the kids saw the competition and just went for it. They just did a super job and I'm really proud of them."

THE ALL-AMERICANS include Kerry Stewart, who finished eighth in the 50 and 100-yard breaststroke events, and the 200 medley relay team of Stewart, Jodi Davis, Nancy Vaccaro and Martha Donovan which finished in seventh place.

The seventh place finish in the 200 medley relay was also a school record of 1 minute, 47.81 seconds. Davis was credited with a school record in the 50

backstroke in the first leg of the 200 medley. Her split was 28.19. Other school records were set by Vaccaro in the 50 butterfly with a time of 25.97, which placed her 10th, and the 400 medley relay consisting of Davis, Stewart, Vaccaro and Liz MacBride with a time of 3:55.2 which placed ninth.

The only disappointment of the meet for the Hawks was the performance of the divers. Ann Bowers was in eighth place entering the final three dives in the three meter competition, but slipped all the way to 16th place, which ac-

cording to Kennedy cost the Hawks two or three places in the final team standings.

"All they (the divers) contributed was two points," Kennedy said. "Every time we needed diving points this season they haven't come through for us."

Kennedy summed up Iowa's performance this way. "We finished in a super position, fifth among Big Ten teams entered, four guaranteed All-Americans and four school records. I wouldn't have dreamed this at the beginning of the season."

## Hawkeye gym team finishes third

By Steve Batterson  
Staff Writer

It was a frustrating end to a frustrating season for the Iowa women's gymnastics team.

The Hawkeyes, plagued with injuries from almost the first day of practice, were hampered by yet another injury, this one to freshman Marianne Martinson. Martinson, working her first all-around of the season, dislocated an elbow during the floor exercise competition and was forced to scratch from the final event, the balance beam. That left Iowa one person short from having a full team and the Hawks finished in third place in the team competition, behind Minnesota and Iowa State.

"I FELT SO heartbroken for Marianne," Iowa Coach Diane Chapela said. "She had been looking so well in practice and she did a really fine job on her floor exercise until she dislocated her elbow on her last pass. Fortunately for her, she had dislocated the same elbow twice before and it did snap back."

Iowa's highest finisher was Holli DeBoer. The sophomore finished fourth in the all-around with a 33.5 and fifth in the vault with a score of 17.3. DeBoer also finished sixth in the floor exercise and seventh on the balance beam. "She had a gorgeous bar routine going until she caught her left foot on the bar during her dismount," Chapela said. "It was one of the best routines I've ever seen her do."

Iowa's Robin Lewis finished seventh on the vault and Chapela had praise for Teri Larsen and Mary Hamilton, the team's only seniors. "Considering she was competing in her first meet in over a year, Mary did a super job in the floor exercise," Chapela said. "She really went out with a lot of class and I can't say enough about Teri Larsen. She did one of the cleanest bar routines of the year and due to her ankle injury she hadn't worked out on the beam for a couple of weeks and she did a good job."

"We could have finished second," Chapela said. "Losing Marianne for the final event hurt us and we had problems on the balance beam again. We had a couple falls that we didn't need and that hurt but I am really

proud of the way the team held up this season. The kids came back in the best shape they've ever been in when practices started and the injuries hurt us, but we hung together and next year we should be going full strength."

AIAW Region VI  
Gymnastics Results

Team Scoring — 1. Minnesota, 141.85; 2. Iowa State, 128.75; 3. Iowa, 119.9.

Vault — 1. Huebner (M), 2. Klein (M), 3. Schott (M); 18.2.

Uneven Bars — 1. Huebner (M), 2. Klein (M), 3. Ellingsen (M); 18.15.

Balance Beam — 1. Ploof (M), 2. Huebner (M), 3. Nehls (IS); 18.4.

Floor Exercise — 1. Huebner (M), 2. Ploof (M), 3. McElhatton (M); 18.8.

All-Around — 1. Huebner (M), 2. Ploof (M), 3. Klein (M); 36.35.

## Injuries slow Iowa netters

By Mike Condon  
Staff Writer

Iowa Head Tennis Coach Cathy Ballard, who has only seven players on her squad, saw injuries decimate the team during a spring trip to Oklahoma and South Carolina.

"We played with only five players in our two matches at Clemson," Ballard said. "Mallory (Coleman) aggravated a muscle pull in her stomach and Kemi (Gustafson) was having trouble with her knee. I felt it was in the best interest of the team to hold them out of the meets because we are aiming for the Big Ten season and these meets didn't really count toward anything."

THE HAWKS STARTED the trip strong, downing Tyler College, 6-3. But from that point, Iowa suffered, losing to the host school, Oklahoma State, 8-1, and Wichita State, 6-3.

Ballard and her squad moved on to Kiawah Island, S.C., where Alabama dealt the short-handed Hawks an 8-1 defeat. Tulane followed with a 5-4 decision over Iowa that Ballard felt the Hawks would have won easily if Coleman and Gustafson were healthy.

Ballard said no one player was consistent throughout the trip but certain individuals had their moments. "Laura Lagen played well in a couple of her matches and the team of Sara Loetscher and Nancy Schumacher had some good doubles matches," Ballard said.

Although the Hawks were not at full strength, Ballard says the team is pointing to the Big Ten season which starts next weekend in a home dual against Ohio State. Iowa will also be facing Drake. "The main purpose of the trip was to let the team get accustomed to playing outdoors," Ballard said. "It was good experience for the team and they should be prepared for Ohio State and the rest of their Big Ten opponents."

## Gymnasts

Continued from page 16

Leo earned a spot in the national meet on the pommel horse. Two Iowa Big Ten co-champions, Tim Magee and Terry Heffron, earned spots on the parallel bars and the still rings, respectively.

"Kelly will probably make finals on the high bar and the other guys will have their hands full but they are fully capable of qualifying for the finals if they hit their sets well," Dunn said. "Our biggest problem now will be keeping these guys motivated since the whole team isn't involved. It is real hard to compete in a national meet without a team."

"I think the guys who are going would like to prove that they're better than or just as good as some other people, but their placings won't be indicative of what we could have done as a team," Dunn said. "Joe and Kelly were in the top five in the region so they qualified automatically. The others were chosen for at-large spots."

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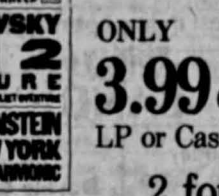
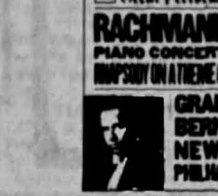
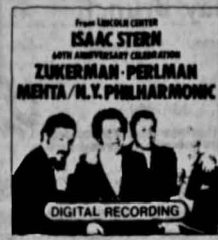
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## Sports

## Iowa takes third in Turquoise baseball tourney

By Matt Gallo  
Staff Writer

The Iowa baseball team completed its annual spring trip in Albuquerque, N.M., Saturday, winning six out of its 13 games in the New Mexico University Turquoise tournament for third place.

Prior to the trip, Head Coach Duane Banks was hopeful his team would play .500 or better baseball, but the Hawkeyes, (8-9), were 6-7 in the tournament, won by New Mexico.

The Hawks opened the tournament March 20 with two losses to Big Eight foe Missouri. The Tigers shut down Iowa, 4-0 and 11-3.

THE HAWKS bounced back the next

day, sweeping a doubleheader from New Mexico Highlands, 10-1 and 9-2. Third baseman Jeff Ott hit his third home run of the year in the first game of the doubleheader.

Iowa dropped two more on Monday, losing to Bradley, 7-5, and Division II foe Southwest Missouri, 6-1. Bradley came up with six runs in the fifth inning to secure the victory. In the Southwest Missouri game, the Hawks committed five errors which aided the loss.

Iowa improved to 5-6 on Tuesday, downing Southern Illinois-Edwardsville, a Division II team, 7-3, behind a Randy Norton five-hitter.

On Wednesday, Iowa began a string of three straight doubleheader splits, stopping Toledo, 8-6, before losing to

New Mexico, 5-3. The Lobos rallied for four runs in the sixth inning to assure the win.

Iowa got revenge against Bradley, 4-2, before losing to Southwest Missouri, 4-1. The Hawks were guilty of four errors in its loss to the Bears, who finished second in the tournament.

After a Friday rainout, the Hawkeyes split another doubleheader on Saturday, beating Bradley, 3-1, and losing to New Mexico, 11-1. The Lobos collected eight more hits than the Hawks in the nightcap.

The Hawkeyes open its home schedule Friday with a doubleheader against Division II foe Wisconsin-Platteville.

## Iowa baseball

## Missouri 11, Iowa 3

Iowa 000 000 0-0 7 0  
Missouri 013 000 x-4 6 0  
Norton, Rieks (4) and Turelli, Moody and Hance.  
W — Moody, L — Norton  
Missouri 11, Iowa 3  
Missouri 002 360 0-11 14 1  
Iowa 001 001 1-3 11 5  
Spreckels, Sutherland (6) and Hance. Drambel, Radosevich (3), Wagner (5) and Turelli. W — Spreckels, L — Drambel  
Iowa 10, New Mexico Highlands 1  
Iowa 000 000 1-1 7 5  
N.M. Highlands 123 202 x-10 11 1  
Zach, Henderson (4) and Widesemuth, Green, Frericks (6), Ott (7) and Turelli, Venegoni (7). W — Green, L — Zach. HR — Ott (3).  
Iowa 9, New Mexico Highlands 2  
Iowa 210 240 0-9 17 0  
N.M. Highlands 020 000 0-2 5 1  
Hobaugh, Hoeg (4), L. Turelli (6) and Charipar. Apodaca, Alvarado (4), Garcia (6) and Romero.

## W — Hoeg, L — Apodaca.

Bradley 7, Iowa 5  
Iowa 000 001 4-5 7 1  
Bradley 001 060 x-7 9 6  
Janss, Wagner (5), Radosevich (5) and Turelli. Young, Coupet (7), Phipps (7), and Dempsey, Engberg (7).  
SW Missouri 6, Iowa 1  
SW Missouri 300 102 0-6 8 3  
Iowa 010 000 0-1 8 5  
Middleton and Hilgencamp. Darby, Radosevich (6) and Turelli.  
Iowa 7, Southern Illinois-Edwardsville, 3  
SW Missouri 000 012 0-3 5 1  
SIU Eville 410 100 x-7 6 0  
Housewright, Silkwood (5) and Wilkerson. Norton, Wagner (6) and Turelli. W — Norton, L — Housewright. S — Wagner  
Iowa 8, Toledo 6  
Toledo 100 320-6 11 2  
Iowa 060 20x-8 10 1  
Wanamaker, Fishee (2) and Gault. Ott, Radosevich (5) and Turelli. W — Ott, L — Fishee. S — Radosevich. HR — Toledo: Marciniak  
New Mexico 5, Iowa 3

Iowa 000 111 0-3 7 0  
New Mexico 000 014 x-5 6 1  
Rieks and Turelli. Sharp, Hale (7) and Brunenkant. W — Sharp, L — Rieks. HR — New Mexico: Bran  
Iowa 4, Bradley 2  
Bradley 000 200 0-2 8 2  
Iowa 100 201 x-4 7 1  
Jossard and Dempsey. Hobaugh, Radosevich (6) and Turelli.  
Southwest Missouri 4, Iowa 1  
Iowa 001 000 0-1 6 4  
SW Missouri 002 200 x-4 5 2  
Green and Turelli; Brandell and Hilgencamp.  
Iowa 3, Bradley 1  
Iowa 110 100 0-3 6 0  
Bradley 000 000 1-1 6 1  
Darby, Janss (6), and Turelli. Frew, Dunn (6) and Dempsey.  
New Mexico 11, Iowa 1  
New Mexico 105 203 0-11 13 0  
Iowa 000 000 1-1 5 0  
Steinberg, Dean (7) and Brunenkant. Norton, Wagner (3), Hoeg (5), Radosevich (6), Rieks (7) and Turelli.

## Runners shine in Florida meets

By Steve Riley  
Staff Writer

"That was a very good trip for us," Iowa Assistant Track Coach Mike Gilbert said of the team's spring break in Gainesville, Fla. "Especially when you can get out of a plane and 24 hours later compete like we did."

Gilbert said about 75 percent of the team "equalled or improved on last year's best times or distances" on the trip, which included two meets — a triangular and the Florida Relays.

The Hawkeyes finished second in a triangular with Florida and Princeton March 19. The Gators won the meet with 76 points. Iowa had 57½ and Princeton was third with 56½. Gilbert noted that Princeton was the Ivy League indoor champion.

RONNIE MCCOY was a double winner for the Hawkeyes, winning 110-meter hurdles in 14.49 seconds and long jumping 23-

feet-4½. Other winners were the 4 x 400-meter relay in 3:14.68 and the 4 x 100-meter relay in 40.94, a "good time, especially this early in the season," according to Gilbert.

No team scores were kept at the Florida Relays. "The best teams in the south are there," Gilbert said.

The only Iowa winner was Owen Gill in the triple jump, with a leap of 48-5½. Ronnie McCoy set a school record in the 110-meter hurdles in 14.21, finishing second. The 4 x one-mile relay was also second in 17:04.0.

Gilbert said one of the team's strengths for the outdoor season will be the sprint relays, consisting of Gordon Beecham, Terrence Duckett, Jeff Beelman and Treye Jackson. Individually, Duckett and Jackson should lead the way.

"Sprint-wise, both Terrence Duckett and Treye Jackson will be very competitive," Gilbert said. "Gordie Beecham is coming back from a leg injury and could be running with them before the season's over."

Gilbert said Beecham had a good Florida trip.

GILL AND POLE vaulter Steve Brewer are the top field event men. "Steve Brewer has jumped 15-6 already (his personal best) and he certainly has the potential to go 16-feet very soon," Gilbert said. "Owen Gill in the triple jump is going to be out for spring football, but he'll help us out when he can."

Gilbert, a first-year assistant, cited Ricky McCoy, Evan Clarrissimeaux, Tom Korb, Mike Clancy, Mike Diment and Jon Betz as the top distance runners.

"Ricky McCoy and Evan Clarrissimeaux are going to do reasonably well in the 800. Evan had a good Florida trip. (Freshman) Mike Clancy was one of the top milers in Illinois," Gilbert said. "I think all these guys (distance runners) could improve, but they have a ways to go to be competitive in the Big Ten."

The Hawkeyes next meet is a dual at Western Illinois April 10.

## Rustin's back injury halts Iowa progress

By Mike Condon  
Staff Writer

Iowa Head Tennis Coach Steve Houghton, who believes he has a team that will be very competitive in the Big Ten, cannot get his entire squad playing together due to injuries.

Houghton, in his first year as head coach, said the injuries are setting his squad back in their preparation for the Big Ten season. "I still feel we are a very tough team when we have our full line-up but right now we have three freshmen (Rob Moellering, Seth Jacobson, and Doug Parkey) playing in the top six right now. It gives them great experience but it hurts us in preparing a set line-up for the Big Ten season."

THE HAWKS finished with a 1-3 record on their trip to North Carolina. Guilford College was Iowa's first opponent and the Hawkeyes posted a 7-2 victory. Hampton Institute, the No. 2 rated team in NCAA Division II, was a 7-2 winner over the Hawks. Duke, rated 14th, then pounded the Iowa 9-0, but the

Hawkeyes suffered a staggering blow when No. 1 player Dan Rustin suffered a back injury and had to default his match. Iowa closed the trip by falling to North Carolina State 6-3 as Rustin was still on the sidelines.

Iowa played host to Purdue Friday and posted a 6-3 win over the Boilermakers. Rustin tried to play and was leading his opponent 3-1 in the first set when pain in his back forced him to retire from the match. Illinois took advantage of Iowa's injury problems to defeat the Hawks 6-3 on Saturday.

"Rustin will be sidelined indefinitely and John Willard didn't play on the spring trip or in the home meets because of a wrist injury," Houghton said.

Houghton praised all the doubles teams, who combined have posted better than a .500 record. He is hopeful Willard and Rustin will be able to play next Saturday when Northwestern comes to town for a dual meet. If they play, it will be the first time in almost a month that the top six players will have played in the same meet.

## Celtic win streak stopped by Philly

BOSTON (UPI) — Lionel Hollins and Julius Erving paced a first-half explosion Sunday and Andrew Toney came off the bench to score 23 points, enabling the Philadelphia 76ers to snap a Boston Celtics' 18-game winning streak with a 116-98 victory.

The Celtics' streak, longest in team history and third longest in NBA history, began Feb. 24, three days after their previous last loss to Seattle. In addition, Philadelphia won for the first time for the regular season at Boston since Jan. 21, 1979.

The Sixers, who were blown out in Philadelphia last Sunday by the Celtics, never trailed in the game. The Celtics didn't make their first basket until 2 minutes, 50 seconds had been played and shot just 25 percent in the first quarter as the Sixers, behind 10 points by Hollins, took a 26-15 lead.

Philadelphia then opened the second quarter with nine straight points, with Mike Bantom scoring the first five points, to grab a 35-15 lead.

Philadelphia, which had eight steals in the first half, built the lead to 22 points in the second quarter on two occasions and led 57-44 at halftime.

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## Rutgers wins title

PHILADELPHIA (UPI) — Patty Coyle put on a show for her hometown fans Sunday, scoring 30 points to spark Rutgers to an 83-77 victory over top-seeded Texas for the championship of the Association for Intercollegiate Athletics for Women basketball tournament.

Coyle, a 5-foot-6 senior guard from nearby West Catholic High School, scored 18 points in the second half, 14 in the final 8 minutes, 38 seconds of the game, as the Lady Knights, 25-7, snapped the 32-game winning streak of the Longhorns, 35-4.

Coyle, who shot 9-for-13 from the field and sank 12-for-13 from the foul line, was named most valuable player of the tournament.

It was Coyle who single-handedly propelled Rutgers into command after Texas tied the score at 59-59 with 9:15 remaining. Coyle scored six straight points — a field goal and four free throws — to give the Knights a 65-59 advantage, and her basket followed by a field goal from Terry Dorner, boosted the Rutgers margin to 69-61 with 5:13 left to play.

Texas wasn't through yet, drawing to within two, 77-75, on a basket by Sherryl Hauglum with 2:22 remaining. But All-American June Olkowski, who was held to four points, hit a basket to spark a 6-0 surge that included two free throws by Coyle and a basket by Patty Delehanty that made the lead 83-75 with 42 seconds left.

## U.S. tops Soviets

TOLEDO, Ohio (UPI) — The United States defeated the Soviet Union 6-4 to capture the team championship in the World Cup of International Wrestling Sunday.

It was only the second time that a senior team representing the United States has defeated a Soviet squad. The first U.S. victory also came in World Cup competition in 1980.

Greg Gibson, a Marine Corps sergeant from Redding, Calif., who was a two-time All-American at the University of Oregon, scored a controversial decision over Magomed Magomedov to clinch the championship.

The wrestlers were tied 3-3 in their 220-pound match when the Russian received his fourth warning for stalling with just 11 seconds remaining in the match. With it goes automatic disqualification and the United States, although Soviet Coach Ivan Yarygin protested vehemently, had captured the World Cup title.

The United States won all four of its matches in the five-team, round-robin competition to total eight points. Russia finished second with six, Canada was third with four, and South Korea fourth with two. Africa failed to score.

### NCAA cage sketches

NEW ORLEANS (UPI) — Thumbnail sketches of the probable starters for Monday night's NCAA championship basketball game between Georgetown and North Carolina:

**F — Eric Smith** (6-5, senior, Potomac, Md.) — Coming off a strong game against Louisville (14 points, 6-for-10 from field) and is considered "vastly underplayed" by North Carolina Coach Dean Smith. An excellent defensive player who helps put the snap in the Hoyas' pressure defense.

**F — Mike Hancock** (6-7, senior, Washington, D.C.) — A good shooter but took just three shots in semifinal. Will have to land his body underneath if the Hoyas are to restrain North Carolina's frontline.

**G — Pat Ewing** (7-0, freshman, Cambridge, Mass.) — The son around which the planets revolve. Brutal underneath, a shot-sweeper, college basketball's dominant center of future. Had 10 rebounds against Louisville. Ewing must stay out of foul trouble or the Tar Heels could win it inside.

**G — Fred Brown** (6-5, sophomore, New York) — Complements Floyd well in the backcourt. Good size and can go to the boards. Leads team in assists and penetrates well.

**G — Eric Floyd** (6-3, senior, Gastonia, N.C.) — The one you want with the ball. An All-American and Georgetown's career scoring leader. Hits for 17 points a game but had a hard time against Louisville, making 3-of-11 shots. Dean Smith is worried Floyd may make attention.

**F — James Worthing** (6-9, junior, Gastonia, N.C.) — An All-American who can bang boards and score inside. Sank 7-of-10 shots against Cardinals. Perhaps the best forward in the country. Must attempt to help take Ewing out of the game. Played playground ball with Floyd in Gastonia. Lists one of his hobbies as "doing nothing." Georgetown should be so lucky.

**F — Matt Doherty** (6-8, sophomore, East Meadow, N.Y.) — The stats may not show much but few minimize his importance: heady mind forward, good passer, intelligent. Although just 2-for-7 from floor Saturday, can stick the outside shot.

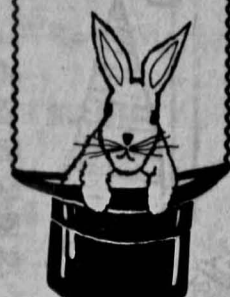
**C — Sam Perkins** (6-9, sophomore, Latham, N.Y.) — Carried the Heels in the early going Saturday, scoring 16 of his 25 points in first half and finishing with 10 rebounds. Can mix it up under the boards or hit the baseline jumper. He and Worthing give Tar Heels perhaps the best inside combination in the country.

**G — Michael Jordan** (6-5, freshman, Wilmington, N.C.) — Great leaper, sweet shooter. Has fit into Dean Smith's system remarkably smoothly for a freshman. Had 18 points in semis and can take pressure off Worthing and Perkins by striking from the wings.

**G — Jimmy Black** (6-3, senior, New York) — Last year he was beaten by Isiah Thomas of Indiana in title game and does not want Floyd to do the same. Did great defensive job on Houston's Rob Williams (two points). The on-court commander in whom Dean Smith places much confidence. Attempted just two shots in semis but can score from the outside when called upon. Taken part in more victories than any player in school's history.

The mirthful musings of Michael Humes. Every Thursday in The Daily Iowan Viewpoints.

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## Hoyas' balance concerns Smith

NEW ORLEANS (UPI) — Dean Smith, suitably impressed with the "Washington Monument," knows better than to neglect Georgetown's other attractions.

"Patrick Ewing is a talented individual on the basketball court," the North Carolina coach said Sunday of the Hoyas' 7-foot freshman. "He can run, he can jump and he's big. We've played other big men and he's one of the quickest we've seen."

"But you don't say you just must stop Patrick Ewing to win — especially the way we play. You can't say 'get Ewing in foul trouble.' That takes us out of our offense."

THE NO. 1 Tar Heels, looking to win their first championship for Smith in his 21 years at the school, meet No. 7 Georgetown at the Louisiana Superdome Monday night (7:12 p.m.) for the NCAA championship — with some of the approximate 60,000 spectators sitting more than a football field away from the court. The consolation game, traditionally played before the championship between the semifinal losers, has been eliminated this year.

Although Ewing was contained offensively (eight points) in Georgetown's 50-46 victory over Louisville in Saturday's semifinals, he was imposing underneath, grabbing 10 rebounds and forcing the Cardinals to shoot and pass over his outstretched wingspan.

But Smith said he is well aware of other danger areas.

"We're worried about Sleepy (Eric Floyd, Georgetown's All-American guard)," he said. "He'll come out firing because he didn't have a good semifinal."

Floyd, averaging nearly 17 points a game while hitting 51 percent of his shots, was hounded by Louisville and finished with 13 points on 3-for-11 from the floor.

"EVERY SHOT I took they had a hand in my face," Floyd said of the semifinal. "But I don't need to be the one to score, Eric doesn't need to score, Patrick doesn't need to score. We play as a team. I'll just take it as it comes Monday night."

North Carolina, which defeated Houston 68-63 in its semifinal, will have to contend with a Georgetown team that has made a specialty of pressure defense. The Hoyas, 30-6, can go with a one-three-one zone or man-to-man and have the necessary depth to support an



North Carolina Coach Dean Smith is surrounded by reporters during a news conference before the finals of the NCAA tournament.

all-out defensive assault. Many times this season the defense carried the Hoyas when the offense did not.

"We create a lot of our offense off our defense," said Georgetown Coach John Thompson. "We like to hear people say we can't do a certain thing. It helps motivate us. I have a unique way of turning the positive to negative."

Joining Ewing on the frontline will be Eric Smith, who had 14 points against the Cardinals and is "vastly underrated" according to Smith, and Mike Hancock, a tough shooter who was limited to two points Saturday. Fred Brown, 6-5, can pass well and gives Georgetown height out of the backcourt.

Jimmy Black, North Carolina's steady point guard, will likely guard Floyd for at least part of the game. If his defense in any way resembles the blanket job he did on Rob Williams of Houston, the Hoyas could have problems. Williams, averaging nearly 22 points a game, was held to just two free throws and missed all eight shots

from the floor.

Black, however, admits he knows little of the Hoyas.

"I haven't seen Georgetown play this year," he said. "I don't like to watch college basketball. If you watch a team sometimes you get the notion that you can blow them out and then we wouldn't be prepared."

## Hawkeye tankers No. 17 in nation

By H. Forrest Woolard  
Assistant Sports Editor

Iowa's 17th-place finish in the NCAA swimming and diving championships over the weekend in Brown Deer, Wis., was the Hawkeyes' major disappointment of the season, according to Coach Glenn Patton.

"We had such a high emotional meet at Big Tens two weeks ago that we weren't able to recapture that level at nationals," Patton said. "We had great performances at Big Tens, but at nationals they were just okay."

While the Hawks won the conference meet in Iowa City by almost 200 points, they fell behind three Big Ten teams at the NAAs. Ohio State placed 14th with 44 points, while Michigan was 15th with 41. Indiana took 16th with 29 points to edge out the Hawks by three.

IOWA, HOWEVER, WASN'T the only conference winner that had a hard time getting up for the NCAA championships. Patton said Texas, the Southwest champ, had the best team on paper, but due to the emotional energy let out at its conference meet, came into nationals swimming a little flat. UCLA won the title, while the Longhorns finished second.

Randy Ableman was the Hawks' highest finisher as the senior placed third on the three-meter board with 569 points and ninth in the one-meter competition with 477.75. At the 1981 NCAA meet, Ableman won on the low board and placed second on the high board.

Tom Roemer was another Hawkeye who had a hard time repeating his exploits from last year's national meet. The junior finished 10th in the 100-yard backstroke with a time of 50.47 seconds and 12th in the 200 at 1:50.07. His 200 individual medley time of 1:50.08 set a team record and earned 12th place. Last year Roemer was fifth in the 200 back and sixth in the 100.

Iowa's only other individual scorer was Matt Wood who finished 10th in the 50 free. Wood broke his own school record in the preliminaries with a 20.07 clocking.

Just as Iowa's final team standing was a disappointment, so was its relay performances. The only Hawkeye relay to even make the consolation finals was the 12th place 400 freestyle team of Wood, Drew Donovan, Steve Harrison and Bryan Farris. All three Iowa relays scored at the 1981 NCAA meet.

## Iowa gymnasts barely miss national berth

By Steve Batterson  
Staff Writer

The Iowa men's gymnastics team just missed qualifying for the NCAA championships, being selected as the first alternate, despite finishing ninth in the final national statistics.

Five teams were chosen without any problems, according to Iowa Coach Tom Dunn. Nebraska was selected from the Midwest, UCLA from the West, Penn State from the East and Arizona State and Iowa State went as at-large representatives. Northern Illinois was given the Midwest region

spot over Minnesota on the basis of NCAA criteria. The sixth-place team, Ohio State, could not be considered until Big Ten champion Minnesota was chosen. Seventh place California-Berkeley was then accepted, but Louisiana State and Iowa were bypassed, with Houston Baptist being selected.

TWO SPOTS remained and the ninth spot came down to Minnesota and Louisiana State with the Gophers given the advantage. Iowa and Ohio State then were left for the 10th spot and the No. 6 Buckeyes, with a 275.06 average,

were given the final spot over No. 9 Iowa which finished with a 273.32 average. Iowa was then voted the first alternate and Louisiana State was given the second alternate's position.

"I think that picking Ohio State ahead of us was understandable," Dunn said. "They had a higher average and beat us during the regular season. If Houston Baptist hadn't been chosen third out of our region, they wouldn't have been chosen."

What Dunn is referring to is a regional committee that met March 22 and moved Houston Baptist and Oklahoma ahead of the Hawks in their

recommendation to the national selection committee. The national committee moved Iowa ahead of Oklahoma, but didn't believe they should move the Hawks back into the third spot where they finished in the average ratings. Other criteria used includes eligibility, head-to-head competition, the strength of a team's schedule, which Dunn claims is an advantage to Iowa, and the won-loss record of teams, which is the final consideration used.

"IT WAS REALLY hard telling the guys about not making it," Dunn said. "We got the scores we needed and ac-

cording to the NCAA rules we were the ninth best team in the country and that should have been enough. As far as politics go, I do feel I did as much as I could. I spent all night on the phone Monday trying to change the situation. It's just real unfortunate for the seniors and for the guys who transferred from Oregon and have been there before."

"We got four kids in the meet in six different positions, so that is some consolation," Dunn said. Kelly Crumley qualified in the all-around, the horizontal bar and the floor exercise while Joe

See Gymnasts, page 13

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### It's Time to Get Your Golf Clubs Out of the Basement

and see what improvements can be made on your equipment to improve your game.

#### WOODS CHECKLIST

- ☒ Grips
- ☒ Shafts (bent or rusted)
- ☒ Finish (chipped, etc.)
- ☒ Face (insert)
- ☒ Headcovers (matching)
- ☒ Whipping

#### BAG CHECKLIST

- ☒ Weight (carrying or pulling)
- ☒ Zippers
- ☒ Shoulder Strap
- ☒ Ample Accessory Pockets
- ☒ Travel Cover
- ☒ Color & Styling
- ☒ Collapsible Bags

#### YOUR OPTIONS:

- ☒ Buy New
- ☒ Trade Ins
- ☒ Repair Old

#### IRONS CHECKLIST

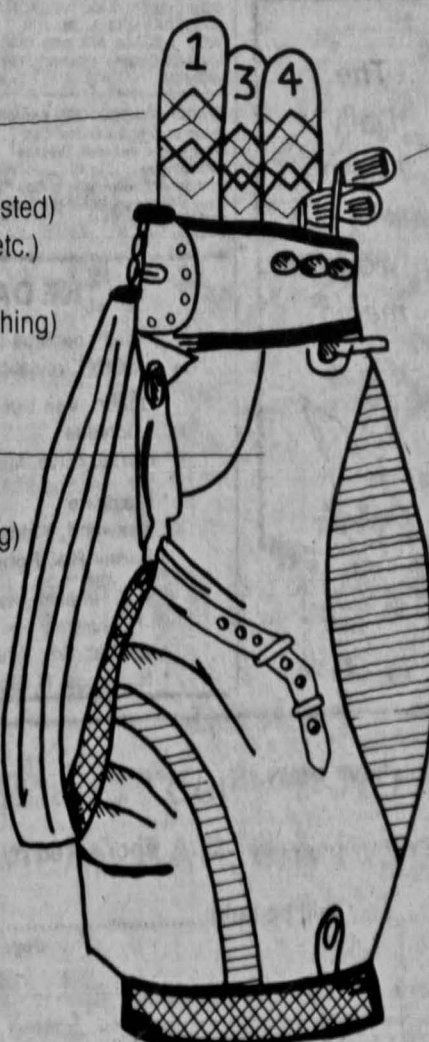
- ☒ Grips
- ☒ Shafts
- ☒ Grooves
- ☒ Loft & Lie Progression (proper fitting)

#### ACCESSORIES CHECKLIST

- ☒ Spikes (Golf Shoes)
- ☒ Umbrella
- ☒ Rain Suit
- ☒ Sand Wedge
- ☒ Sports Apparel (Izod Shop)
- ☒ Utility Woods
- ☒ New Golf Balls
- ☒ Putter
- ☒ Pull Cart

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Snow removal from walks

Snow removal from lots

Page 12—Housing Survival Kit—Monday, March 29, 1982

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## Snow removal from lots

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 0    | 0    | 0    | 100           |
| Camelot Court       | 10        | 20   | 40   | 30   | 0             |
| Carriage Hill       | 13        | 53   | 7    | 27   | 0             |
| Eden Apartments     | 0         | 70   | 0    | 20   | 10            |
| Grandview           | 21        | 14   | 38   | 27   | 0             |
| Hillsboro West      | 0         | 40   | 40   | 20   | 0             |
| Lakeside Apartments | 0         | 0    | 64   | 36   | 0             |
| Launsbach           | 14        | 86   | 0    | 0    | 0             |
| Mayflower           | 3         | 23   | 29   | 31   | 14            |
| Pentacrest          | 0         | 14   | 29   | 43   | 14            |
| Scotsdale           | 5         | 90   | 5    | 0    | 0             |
| Seville             | 4         | 56   | 32   | 8    | 0             |
| Wedgewood           | 7         | 27   | 33   | 33   | 0             |
| Westgate            | 20        | 20   | 40   | 20   | 0             |

## Air conditioning

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 0    | 0    | 0    | 100           |
| Camelot Court       | 0         | 70   | 10   | 10   | 10            |
| Carriage Hill       | 33        | 60   | 7    | 0    | 0             |
| Eden Apartments     | 10        | 50   | 30   | 0    | 10            |
| Grandview           | 0         | 0    | 0    | 0    | 100           |
| Hillsboro West      | 10        | 40   | 30   | 10   | 10            |
| Lakeside Apartments | 0         | 68   | 32   | 0    | 0             |
| Launsbach           | 0         | 0    | 0    | 0    | 100           |
| Mayflower           | 40        | 54   | 3    | 0    | 3             |
| Pentacrest          | 7         | 29   | 43   | 14   | 7             |
| Scotsdale           | 25        | 65   | 10   | 0    | 0             |
| Seville             | 28        | 72   | 0    | 0    | 0             |
| Wedgewood           | 47        | 33   | 13   | 7    | 0             |
| Westgate            | 20        | 70   | 0    | 0    | 10            |

## Heating

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 57   | 43   | 0    | 0             |
| Camelot Court       | 50        | 50   | 0    | 0    | 0             |
| Carriage Hill       | 33        | 54   | 13   | 0    | 0             |
| Eden Apartments     | 40        | 30   | 20   | 10   | 0             |
| Grandview           | 93        | 0    | 0    | 7    | 0             |
| Hillsboro West      | 40        | 20   | 40   | 0    | 0             |
| Lakeside Apartments | 8         | 88   | 4    | 0    | 0             |
| Launsbach           | 14        | 86   | 0    | 0    | 0             |
| Mayflower           | 40        | 34   | 20   | 6    | 0             |
| Pentacrest          | 29        | 50   | 14   | 0    | 7             |
| Scotsdale           | 25        | 65   | 10   | 0    | 0             |
| Seville             | 32        | 60   | 8    | 0    | 0             |
| Wedgewood           | 40        | 40   | 13   | 7    | 0             |
| Westgate            | 20        | 70   | 0    | 10   | 0             |

## Fairness of landlord rules

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 14        | 43   | 43   | 0    | 0             |
| Camelot Court       | 20        | 80   | 0    | 0    | 0             |
| Carriage Hill       | 40        | 53   | 7    | 0    | 0             |
| Eden Apartments     | 20        | 50   | 10   | 0    | 20            |
| Grandview           | 0         | 53   | 40   | 7    | 0             |
| Hillsboro West      | 20        | 30   | 20   | 30   | 0             |
| Lakeside Apartments | 0         | 88   | 12   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 26        | 54   | 17   | 3    | 0             |
| Pentacrest          | 0         | 29   | 50   | 21   | 0             |
| Scotsdale           | 20        | 0    | 0    | 0    | 80            |
| Seville             | 0         | 64   | 32   | 4    | 0             |
| Wedgewood           | 27        | 53   | 20   | 0    | 0             |
| Westgate            | 20        | 60   | 20   | 0    | 0             |

## Relationship of landlord

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 29        | 29   | 29   | 0    | 13            |
| Camelot Court       | 30        | 60   | 10   | 0    | 0             |
| Carriage Hill       | 46        | 40   | 7    | 0    | 7             |
| Eden Apartments     | 40        | 40   | 20   | 0    | 0             |
| Grandview           | 0         | 53   | 40   | 7    | 0             |
| Hillsboro West      | 30        | 40   | 20   | 10   | 0             |
| Lakeside Apartments | 12        | 60   | 28   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 23        | 29   | 11   | 9    | 28            |
| Pentacrest          | 0         | 14   | 50   | 7    | 29            |
| Scotsdale           | 20        | 80   | 0    | 0    | 0             |
| Seville             | 0         | 44   | 44   | 12   | 0             |
| Wedgewood           | 27        | 60   | 13   | 0    | 0             |
| Westgate            | 40        | 30   | 20   | 0    | 10            |

## Snow removal from walks

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 0    | 57   | 43   | 0             |
| Camelot Court       | 0         | 20   | 10   | 60   | 10            |
| Carriage Hill       | 20        | 54   | 13   | 13   | 0             |
| Eden Apartments     | 0         | 60   | 30   | 10   | 0             |
| Grandview           | 7         | 33   | 33   | 27   | 0             |
| Hillsboro West      | 10        | 30   | 40   | 20   | 0             |
| Lakeside Apartments | 0         | 12   | 48   | 40   | 0             |
| Launsbach           | 14        | 86   | 0    | 0    | 0             |
| Mayflower           | 6         | 40   | 37   | 17   | 0             |
| Pentacrest          | 14        | 21   | 21   | 30   | 14            |
| Scotsdale           | 0         | 40   | 60   | 0    | 0             |
| Seville             | 4         | 52   | 36   | 8    | 0             |
| Wedgewood           | 13        | 33   | 34   | 20   | 0             |
| Westgate            | 20        | 30   | 30   | 20   | 0             |

## Recreation

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 0    | 0    | 0    | 100           |
| Camelot Court       | 0         | 0    | 0    | 20   | 80            |
| Carriage Hill       | 0         | 0    | 0    | 0    | 100           |
| Eden Apartments     | 0         | 0    | 0    | 0    | 100           |
| Grandview           | 33        | 33   | 20   | 7    | 7             |
| Hillsboro West      | 10        | 10   | 30   | 40   | 10            |
| Lakeside Apartments | 0         | 68   | 32   | 0    | 0             |
| Launsbach           | 0         | 0    | 0    | 0    | 100           |
| Mayflower           | 42        | 46   | 6    | 3    | 3             |
| Pentacrest          | 0         | 0    | 7    | 93   | 0             |
| Scotsdale           | 60        | 40   | 0    | 0    | 0             |
| Seville             | 12        | 72   | 12   | 0    | 4             |
| Wedgewood           | 0         | 7    | 20   | 73   | 0             |
| Westgate            | 10        | 40   | 20   | 10   | 20            |

## Soundproofing of walls

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 29        | 14   | 43   | 14   | 0             |
| Camelot Court       | 0         | 40   | 30   | 20   | 10            |
| Carriage Hill       | 20        | 27   | 33   | 20   | 0             |
| Eden Apartments     | 20        | 30   | 40   | 10   | 0             |
| Grandview           | 33        | 39   | 7    | 21   | 0             |
| Hillsboro West      | 0         | 70   | 30   | 0    | 0             |
| Lakeside Apartments | 0         | 52   | 36   | 12   | 0             |
| Launsbach           | 0         | 29   | 71   | 0    | 0             |
| Mayflower           | 3         | 14   | 26   | 57   | 0             |
| Pentacrest          | 0         | 36   | 35   | 29   | 0             |
| Scotsdale           | 60        | 40   | 0    | 0    | 0             |
| Seville             | 4         | 20   | 40   | 36   | 0             |
| Wedgewood           | 0         | 53   | 40   | 7    | 0             |
| Westgate            | 40        | 20   | 30   | 10   | 0             |

## Natural lighting

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 29        | 57   | 0    | 14   | 0             |
| Camelot Court       | 0         | 60   | 0    | 20   | 20            |
| Carriage Hill       | 46        | 40   | 7    | 7    | 0             |
| Eden Apartments     | 10        | 50   | 20   | 20   | 0             |
| Grandview           | 0         | 93   | 7    | 0    | 0             |
| Hillsboro West      | 40        | 50   | 10   | 0    | 0             |
| Lakeside Apartments | 0         | 76   | 24   | 0    | 0             |
| Launsbach           | 71        | 29   | 0    | 0    | 0             |
| Mayflower           | 3         | 54   | 26   | 17   | 0             |
| Pentacrest          | 14        | 43   | 29   | 14   | 0             |
| Scotsdale           | 20        | 35   | 40   | 5    | 0             |
| Seville             | 12        | 72   | 16   | 0    | 0             |
| Wedgewood           | 27        | 73   | 0    | 0    | 0             |
| Westgate            | 10        | 70   | 10   | 10   | 0             |

## Apartment recommendations

| Apartment           | Highly Recommended | Recommended | With Reservation | Not Recommended |
|---------------------|--------------------|-------------|------------------|-----------------|
| Burkley Apartments  | 43                 | 57          | 0                | 0               |
| Camelot Court       | 20                 | 40          | 30               | 10              |
| Carriage Hill       | 73                 | 27          | 0                | 0               |
| Eden Apartments     | 70                 | 20          | 0                | 10              |
| Grandview           | 14                 | 65          | 14               | 7               |
| Hillsboro West      | 50                 | 50          | 0                | 0               |
| Lakeside Apartments | 8                  | 80          | 12               | 0               |
| Launsbach           | 29                 | 71          | 0                | 0               |
| Mayflower           | 14                 | 54          | 29               | 3               |
| Pentacrest          | 21                 | 36          | 36               | 7               |
| Scotsdale           | 65                 | 35          | 0                | 0               |
| Seville             | 20                 | 52          | 24               | 4               |
| Wedgewood           | 40                 | 27          | 26               | 7               |
| Westgate            | 50                 | 40          | 10               | 0               |

## Student Senate presents . . .

# The Housing Survival Kit



**FOR RENT:** Upper 2 bdrm w/ air, garbage disposal, laundry, pest control....

Iowa City is notorious for Housing problems. Housing is scarce; rents are high and apartment quality is low. It is definitely an owner's market.

Despite the inequity of the housing situation, students still can find livable and affordable housing in the Iowa City area. Student Senate, Protective Association for Tenants and the Housing Clearinghouse have provided this handbook to bring you, the tenant, much needed information about finding an apartment, signing a lease, and effectively dealing with your landlord and roommates.

According to the Housing Clearinghouse, students are currently spending an average of \$215 for efficiencies, \$250 for single bedroom apartments and \$350 for two bedroom apartments. Because of the great amount of money involved in renting an apartment, it is very important to know what you are getting into when you rent an apartment.

Out of desperation, students often sign a year's lease for an apartment with inadequate heat; faulty plumbing; leaky roofs; dangerous stairways; chipping paint; and swar-

ming roaches. By using this handbook, you can discover your possible actions under the Iowa Uniform Residential Landlord and Tenant Act and initiate the actions necessary to get the needed repairs. Solutions to the above problems do exist and can be easily solved. All that you need is information on your possible remedies to the problems and we hope this handbook will provide those answers.

Student Senate is providing information that we hope will prevent tenant difficulties and legal problems from occurring. But this guide is not a substitute for legal advice. If you have a problem with your landlord, read the handbook and call the Protective Association for Tenants (PAT) to get more information on solving your problems.

## Contents

**Moving In**  
Pages two and three describe how to locate an apartment in Iowa City and what to do before you sign the lease and move in.

**Tenant's Remedies**  
On page four, different remedies are given that tenants can take if they have been mistreated by their landlords.

**Lease**  
Leases vary a great deal and on page six, discover what can and cannot be included in a rental agreement.

**Tenants Obligations**  
Renting an apartment is a two-way street and on page five you discover what obligations you have to your landlord.

**Moving Out**  
Page eight explains the procedures to follow when vacating an apartment.

**Roommates**  
We all have roommates, but what are our legal responsibilities to each other? Discover those answers and how to settle other roommate problems on page nine.

**Apartment Survey**  
UI Student Senate surveyed the residents of 14 apartment complexes about their feelings about their apartments. Find the results on pages ten, eleven and twelve.







| Apartment           | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 60   | 30   | 0    | 10            |
| Camelot Court       | 10        | 60   | 20   | 10   | 0             |
| Carriage Hill       | 27        | 13   | 60   | 0    | 0             |
| Eden Apartments     | 30        | 10   | 50   | 10   | 0             |
| Grandview           | 21        | 52   | 27   | 0    | 0             |
| Hillsboro West      | 30        | 60   | 10   | 0    | 0             |
| Lakeside Apartments | 12        | 80   | 8    | 0    | 0             |
| Launsbach           | 43        | 57   | 0    | 0    | 0             |

## Toilets, faucets and drains

Housing Survival Kit—Monday, March 29, 1982—Page 11

| Apartment           | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 57        | 29   | 14   | 0    | 0             |
| Camelot Court       | 30        | 60   | 10   | 0    | 0             |
| Carriage Hill       | 40        | 53   | 7    | 0    | 0             |
| Eden Apartments     | 30        | 40   | 30   | 0    | 0             |
| Grandview           | 33        | 53   | 14   | 0    | 0             |
| Hillsboro West      | 40        | 50   | 10   | 0    | 0             |
| Lakeside Apartments | 24        | 52   | 24   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 6         | 28   | 43   | 23   | 0             |
| Pentacrest          | 86        | 14   | 0    | 0    | 0             |
| Scotsdale           | 30        | 50   | 20   | 0    | 0             |
| Seville             | 60        | 40   | 0    | 0    | 0             |
| Wedgewood           | 40        | 47   | 13   | 0    | 0             |
| Westgate            | 20        | 70   | 10   | 0    | 0             |

## Hot water supply

Housing Survival Kit—Monday, March 29, 1982—Page 11

| Apartment           | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 57        | 29   | 14   | 0    | 0             |
| Camelot Court       | 30        | 60   | 10   | 0    | 0             |
| Carriage Hill       | 40        | 53   | 7    | 0    | 0             |
| Eden Apartments     | 30        | 40   | 30   | 0    | 0             |
| Grandview           | 33        | 53   | 14   | 0    | 0             |
| Hillsboro West      | 40        | 50   | 10   | 0    | 0             |
| Lakeside Apartments | 24        | 52   | 24   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 6         | 28   | 43   | 23   | 0             |
| Pentacrest          | 86        | 14   | 0    | 0    | 0             |
| Scotsdale           | 30        | 50   | 20   | 0    | 0             |
| Seville             | 60        | 40   | 0    | 0    | 0             |
| Wedgewood           | 40        | 47   | 13   | 0    | 0             |
| Westgate            | 20        | 70   | 10   | 0    | 0             |

Housing Survival Kit—Monday, March 29, 1982—Page 11

| Apartment           | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 57        | 29   | 14   | 0    | 0             |
| Camelot Court       | 30        | 60   | 10   | 0    | 0             |
| Carriage Hill       | 40        | 53   | 7    | 0    | 0             |
| Eden Apartments     | 30        | 40   | 30   | 0    | 0             |
| Grandview           | 33        | 53   | 14   | 0    | 0             |
| Hillsboro West      | 40        | 50   | 10   | 0    | 0             |
| Lakeside Apartments | 24        | 52   | 24   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 6         | 28   | 43   | 23   | 0             |
| Pentacrest          | 86        | 14   | 0    | 0    | 0             |
| Scotsdale           | 30        | 50   | 20   | 0    | 0             |
| Seville             | 60        | 40   | 0    | 0    | 0             |
| Wedgewood           | 40        | 47   | 13   | 0    | 0             |
| Westgate            | 20        | 70   | 10   | 0    | 0             |

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Housing Survival Kit—Monday, March 29, 1982—Page 3



# Apartment survey results

Student Senate conducted this survey to give students an idea of the housing options available in Iowa City. The 14 apartments surveyed are only a sample of the complexes in the Iowa City area and do not represent all of the housing possibilities.

This survey is a result of telephone interviews with randomly selected residents of the apartments listed below. The students interviewed were asked to rate their apartment on 25 different areas ranging from security to snow removal. Those surveyed were also asked if they would recommend their apartment to others. For every category, each student rated his or her apartment "excellent", "good", "fair", "poor" or "does not apply". "Does not apply" means that the student did not feel that the category was relevant to his or her particular living situation.

The number of students surveyed in

each building ranged from 10 in the smaller buildings to 35 in the larger complexes. While such a sample is representative of the apartment, we do not imply that these figures listed below, and on the following pages, are a perfectly accurate profile of the apartments. We, therefore, encourage you to investigate the individual apartments yourself.

The charts below represent the percentages of those surveyed in each building who responded "excellent", "good", "fair", "poor" or "doesn't apply" to the telephone survey. We hope that these numbers will help serve as a guide for choosing an apartment; but please remember that many more apartments exist in Iowa City and Coralville that were not surveyed. Also, since people's tastes differ, the subjective opinions represented below may not conform to your individual tastes.

## Apartments surveyed

| Apartment           | Address           | Phone    | No. Surveyed |
|---------------------|-------------------|----------|--------------|
| Burkley Apartments  | 103 E. Jefferson  | 338-0215 | 10           |
| Camelot Court       | 732 Michael St.   | 337-9900 | 10           |
| Carriage Hill       | 700 Carriage Hill | 351-1106 | 15           |
| Eden Apartments     | 2430 Muscatine    | 351-2415 | 10           |
| Grandview           | 207 Grandview     | 337-3221 | 15           |
| Hillsboro West      | 1015 W. Benton    | 351-7913 | 10           |
| Lakeside Apartments | 2401 Highway 6 E  | 337-8404 | 25           |
| Launsbach           | 711 E. Burlington | 338-3810 | 10           |
| Mayflower           | 1110 N. Dubuque   | 338-9709 | 35           |
| Pentacrest          | 13 E. Burlington  | 351-8391 | 14           |
| Scotsdale           | 210 6th St.       | 351-1777 | 20           |
| Seville             | 900 W. Benton     | 338-1175 | 35           |
| Wedgewood           | 1956 Broadway     | 337-5859 | 15           |
| Westgate            | 712 Westgate      | 351-2905 | 10           |

## Location

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 57        | 29   | 14   | 0    | 0             |
| Camelot Court       | 30        | 60   | 10   | 0    | 0             |
| Carriage Hill       | 40        | 53   | 7    | 0    | 0             |
| Eden Apartments     | 30        | 40   | 30   | 0    | 0             |
| Grandview           | 33        | 53   | 14   | 0    | 0             |
| Hillsboro West      | 40        | 50   | 10   | 0    | 0             |
| Lakeside Apartments | 24        | 52   | 24   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 6         | 28   | 43   | 23   | 0             |
| Pentacrest          | 86        | 14   | 0    | 0    | 0             |
| Scotsdale           | 30        | 50   | 20   | 0    | 0             |
| Seville             | 60        | 40   | 0    | 0    | 0             |
| Wedgewood           | 40        | 47   | 13   | 0    | 0             |
| Westgate            | 20        | 70   | 10   | 0    | 0             |

## Security

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 14        | 29   | 43   | 14   | 0             |
| Camelot Court       | 20        | 80   | 0    | 0    | 0             |
| Carriage Hill       | 33        | 54   | 13   | 0    | 0             |
| Eden Apartments     | 20        | 40   | 30   | 10   | 0             |
| Grandview           | 0         | 66   | 27   | 7    | 0             |
| Hillsboro West      | 20        | 80   | 0    | 0    | 0             |
| Lakeside Apartments | 8         | 60   | 32   | 0    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 14        | 54   | 23   | 9    | 0             |
| Pentacrest          | 14        | 57   | 29   | 0    | 0             |
| Scotsdale           | 45        | 40   | 15   | 0    | 0             |
| Seville             | 24        | 40   | 36   | 0    | 0             |
| Wedgewood           | 20        | 20   | 53   | 7    | 0             |
| Westgate            | 40        | 40   | 20   | 0    | 0             |

## Locks and chains

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 43   | 43   | 14   | 0             |
| Camelot Court       | 0         | 20   | 10   | 50   | 20            |
| Carriage Hill       | 27        | 20   | 33   | 20   | 0             |
| Eden Apartments     | 20        | 60   | 10   | 10   | 0             |
| Grandview           | 0         | 60   | 33   | 7    | 0             |
| Hillsboro West      | 10        | 60   | 30   | 0    | 0             |
| Lakeside Apartments | 12        | 60   | 20   | 8    | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 17        | 20   | 26   | 37   | 0             |
| Pentacrest          | 14        | 58   | 21   | 7    | 0             |
| Scotsdale           | 10        | 50   | 25   | 15   | 0             |
| Seville             | 16        | 60   | 20   | 0    | 4             |
| Wedgewood           | 20        | 40   | 20   | 0    | 20            |
| Westgate            | 20        | 30   | 40   | 10   | 0             |

## Walls and ceilings

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 57   | 29   | 14   | 0             |
| Camelot Court       | 0         | 70   | 30   | 0    | 0             |
| Carriage Hill       | 27        | 53   | 20   | 0    | 0             |
| Eden Apartments     | 10        | 60   | 30   | 0    | 0             |
| Grandview           | 7         | 60   | 33   | 0    | 0             |
| Hillsboro West      | 30        | 30   | 40   | 0    | 0             |
| Lakeside Apartments | 12        | 40   | 36   | 12   | 0             |
| Launsbach           | 29        | 71   | 0    | 0    | 0             |
| Mayflower           | 0         | 54   | 20   | 26   | 0             |
| Pentacrest          | 21        | 58   | 21   | 0    | 0             |
| Scotsdale           | 30        | 45   | 25   | 0    | 0             |
| Seville             | 0         | 80   | 16   | 4    | 0             |
| Wedgewood           | 27        | 73   | 0    | 0    | 0             |
| Westgate            | 30        | 70   | 0    | 0    | 0             |

## Carpets and drapes

|                     | Excellent | Good | Fair | Poor | Doesn't Apply |
|---------------------|-----------|------|------|------|---------------|
| Burkley Apartments  | 0         | 0    | 0    | 0    | 100           |
| Camelot Court       | 0         | 40   | 40   | 20   | 0             |
| Carriage Hill       | 37        | 40   | 27   | 0    | 6             |
| Eden Apartments     | 20        | 40   | 40   | 0    | 0             |
| Grandview           | 0         | 0    | 0    | 0    | 100           |
| Hillsboro West      | 10        | 30   | 50   | 10   | 0             |
| Lakeside Apartments | 4         | 32   | 52   | 12   | 0             |
| Launsbach           | 0         | 43   | 57   | 0    | 0             |
| Mayflower           | 11        | 43   | 29   | 17   | 0             |
| Pentacrest          | 21        | 36   | 43   | 0    | 0             |
| Scotsdale           | 5         | 35   | 50   | 10   | 0             |
| Seville             | 4         | 56   | 32   | 8    | 0             |
| Wedgewood           | 7         | 59   | 27   | 7    | 0             |
| Westgate            | 20        | 60   | 20   | 0    | 0             |

# The moving in process

The housing shortage in Iowa City may make it difficult to find exactly what you want at the right price in a short time. Be realistic in your housing aspirations and be prepared to spend several days in the search. If you feel too pressured by time, you are apt to make a hasty decision. Don't force yourself, by the pressures of time, into a situation that you may later regret.

## SOURCES

Many sources can help you find available rental housing.

1. The classified ad section of the Daily Iowan and the Press Citizen list available rental housing. Other local weekly publications such as the *Interstate Shopper* and *The Advertiser* also have listings at various times.

2. The Housing Information Clearing House in the Memorial Union at the Information Desk keeps listings of off-campus housing.

3. Some real-estate agencies and banks handle rental properties. Check the yellow pages of the phone book for a listing of such agencies.

4. The bulletin boards of various University Departments and other public places (e.g. laundromats) frequently list available rental properties. Keep your eyes open for these.

Much of the rental property in Iowa City is never listed. Hit the streets: ask students, friends, co-workers, everyone. Something may turn up. One person found a place by asking mail carriers if they had noticed any "FOR RENT" signs on their routes.

## BEFORE MOVING IN

If you find a place that seems to suit your needs, there are still a number of things you should do before moving in.

## TAKE STOCK OF THE SITUATION

Assess your owner and determine his or her fairness and honesty; talk with other tenants about apartment policies or integrity of the manager-owner. P.A.T. keeps files on owners against whom tenants have made complaints. Though not complete, this listing will help you assess your owner's relationship with past tenants. Stop in or call P.A.T.

## DETERMINE THE CONDITION OF THE UNIT BEFORE YOU MOVE IN

Explore the apartment THOROUGHLY for any damage, large or small (e.g. nail holes in ceilings or walls, dirty ovens, dirty air-vents, worn spots in paint or carpeting, etc.) If your owner does not supply you with an adequate checklist, pick one up at the P.A.T. office.

## A CHECKLIST IS ABSOLUTELY ESSENTIAL

You will be held liable for any damage beyond normal wear and tear. (See Owner Remedies.) The checklist is usually the most important document in resolving subsequent damage deposit disputes. The checklist may be your best proof of the condition of your apartment when you moved in. If there is a dispute over the condition of your dwelling unit when you move out and you did not use a checklist, you may have to pay for damages you did not create.

## HOW TO USE A CHECKLIST

Once you obtain a checklist, ask the owner to go over the rental unit with you BEFORE you move your possessions in. If he agrees, go over every

inch of the rental unit marking down even the slightest damage you see. If you both agree to the final assessment of the unit, you and your owner must sign and date the checklist. One copy goes to the owner. KEEP ONE COPY FOR YOUR OWN RECORDS.

## WHAT IF MY OWNER REFUSES TO GO OVER THE RENTAL UNIT WITH ME?

In this situation find a friend who is NOT LIVING WITH YOU and who will be willing and able to go to court with you after you have moved out (just in case.) Together go over every inch of the dwelling unit filling out the checklist. Either mail or hand one copy of your checklist to your owner.

If you personally hand a copy to the owner, TAKE A WITNESS. Personally hand it to the owner, do not slide it under the door, or leave it in the mailbox. BE SURE TO KEEP A COPY FOR YOUR RECORDS.

If you mail the owner a copy, be sure to send it by certified mail and request a return receipt. Keep the receipt. The receipt is your only proof that the owner received the copy. You will need it if you later go to court. (A witness is equivalent to your receipt.)

Some owners will give you a checklist with instructions to sign it, and return it to the owner, within a specific time limit. If you receive such a checklist and do not fill it out before the specified time period, a presumption may be created that there are no substantial defects or damages in the dwelling unit. Be sure to fill out the checklist and send it to the owner in either manner specified above.

## IF YOU DID NOT FILL OUT A CHECKLIST WHEN YOU MOVED IN FILL ONE OUT NOW

If you failed to fill out a checklist when you first moved in, it is not too late. Fill out a checklist now, marking down the condition of the apartment as you remember receiving it; sign and date it. OFFER THIS CHECKLIST AS PART OF YOUR LEASE. Send it to your owner by certified mail, requesting a return receipt or hand it directly to the owner WITH A WITNESS. If the owner accepts your next rent payment without disputing your evaluation, the checklist becomes part of your lease. If the owner contacts you with objections it will be up to you to negotiate.

Any changes from the original checklist that you and the owner mutually agree upon should be recorded on the original checklist. Both parties MUST initial and date the changes. BE SURE TO GET A COPY OF THE ALTERED CHECKLIST FOR YOUR RECORDS. Call P.A.T. if you have any questions.

## PROMISED REPAIRS

If there is damage to the rental unit that the owner promises to repair or remodel before or after you move in, BE SURE THE PROMISES ARE IN WRITING WITH A SPECIFIED DATE FOR THE REPAIR. An oral promise may not be enforceable, particularly if you have a written lease.

If you have not signed the lease yet, add the owner's promises to your lease (See How To Amend Your Lease p.6). If you have already signed the lease write a letter in this form:

Additions to the Lease: Owner hereby agrees to do the following repairs: (then list the repairs). Sign and date the letter at the bottom and allow a

signature line for the owner to sign also. KEEP A COPY FOR YOUR RECORDS. Send another copy to the owner by certified mail and request a return receipt or personally hand the letter to the owner WITH A WITNESS.

If your owner orally promises to make repairs and refuses to put it in writing, document the conversation with a letter of confirmation. Place all the details of the promise in a letter giving the owner a specific date to respond in writing with any discrepancies to the recorded conversation. If you have a lease, be sure to say the promise will become part of your lease.

If the owner does contact you with discrepancies, negotiate and record in writing any changes you mutually arrive at. On the other hand, if the owner does not respond with discrepancies in writing by the date specified in your letter, the promise will become part of your lease upon acceptance of your next rent payment.

## LOOK OUT FOR HIDDEN COSTS

You may move into a place and find that you can't afford it because of unanticipated costs. These may include: heat-gas; electricity; water; sewer and sometimes garbage removal. Other costs to remember are phone installation and deposits some companies require before service is granted. Make sure you ask the owner before you move in which utilities you are responsible for and how much the service will cost you per month.

The owner must fully explain utility rates, charges and service to you before you sign the rental agreement, unless you pay the utility company directly.

Ask the owner if your utilities are part of your rent. If the owner pays for heat and gas, check to see if the stove, water-heater and dishwasher are electric.

If you pay your utilities directly to the service company, call the company and get an estimate of the costs for your particular property.

NO PRECAUTIONS YOU TAKE ARE EXCESSIVE. Be sure to list your responsibilities on paper, either as part of your lease, or in writing if you do not have a written lease. This is especially important for tenants where there is one utility bill for the whole building and the owner charges each tenant a prorated share of the utility bill separate from the rent.

## OWNER'S OBLIGATION TO DISCLOSE

In addition to disclosing utility rates, the owner or his agent must tell you IN WRITING before or at the commencement of your tenancy, the names and addresses of:

1. The manager  
2. The owner or a person authorized to act as the owner's agent for the purpose of serving notice for suits and receiving notices and demands from you.

The above information must be kept current at all times. If the owner sells the house, the new owner is required to update the above information.

If the manager fails to disclose the above information, then the manager is the owner's agent for all purposes.

AN OWNER MUST DISCLOSE EVEN IF YOUR AGREEMENT IS

## ORAL

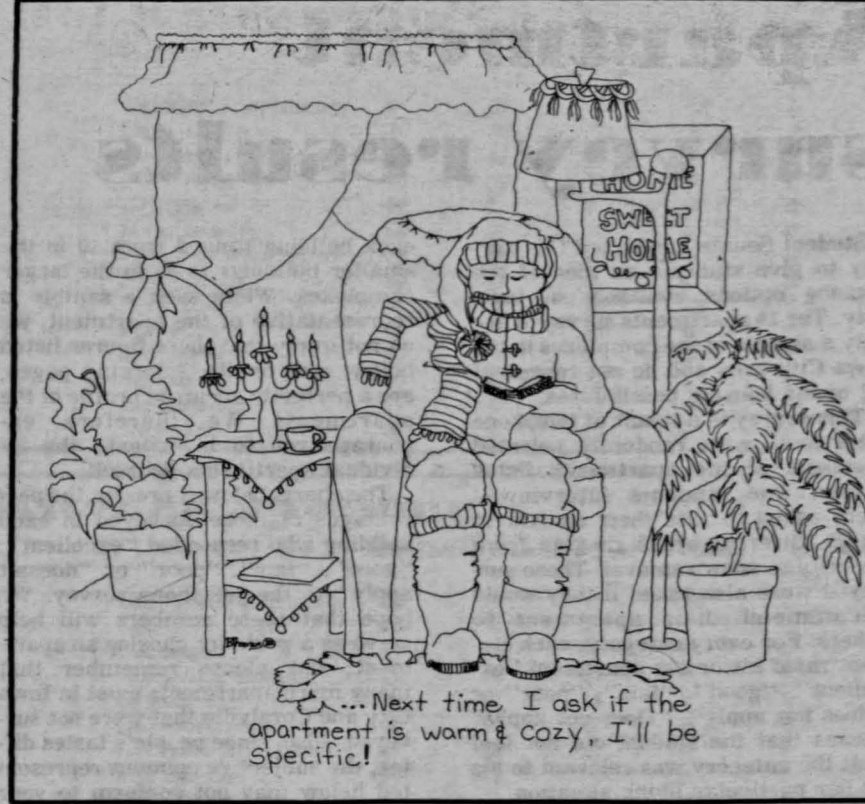
If you do not have a written lease the owner-manager must write a short note explaining who will pay for utilities and the name and address of the person authorized to manage your place, receive rent, notices and demands.

All rules MUST also be in writing. If the owner does not provide you with a written list of the dwelling unit's rules, the rules are not enforceable.

## SEPARATE AGREEMENTS

Owners of single family dwelling units may make an agreement with a tenant to perform some of the owners duties. For example you may agree to provide the garbage removal, heat, or specified repairs.





## Responsibilities of roommates

Most of you will share your dwelling with one or two roommates. Your choice of roommates may be based on friendship, acquaintance, or a hastily made estimate of compatibility. Usually things work out one way or another.

There will be some problems. Roommates don't always get along or have the same plans or the same expectations of each other.

Most problems can be solved by negotiation if each roommate is committed to working out a solution that everyone can live with. The responsibility is entirely yours. No one is going to do it for you.

If you don't work out the problems that come up, the most likely result is for one or more roommates to move out. This can be costly to all concerned both in bad feelings and in money.

Understanding the legal implications of your relationship with your roommates may help you prevent problems or arrive at satisfactory solutions to them.

### LEGAL RESPONSIBILITIES

Each of you has legal responsibilities to your roommates in addition to your responsibilities to the owner. These responsibilities include:

1. Paying your share of the rent, utilities, and other expenses which all roommates have agreed to share. The shares need not be equal, if unequal shares are fairer and everyone agrees. You can renegotiate shares as circumstances change, provided everyone agrees.
2. Paying for any damage you cause to the owner's property, unless you have agreed to share these costs equally, or unless the damage, e.g., inadequate cleaning when you move out, is a collective responsibility.
3. Keeping the dwelling clean and safe, disposing of trash, and using appliances and other facilities in a reasonable manner.
4. Behaving so as not to disturb your roommates' "quiet enjoyment of the premises". That means you must not unreasonably interfere with your roommates' use and enjoyment of your home. You may disturb your roommates' right to quiet enjoyment by making too much noise or by

making excessive demands for quiet when your roommates are trying to enjoy a reasonable volume of music or company at reasonable times.

### AVOIDING ROOMMATE PROBLEMS

The first rule for avoiding future problems is to choose your roommates carefully. If you haven't yet lived with your prospective roommates you should discuss and clarify what you expect of each other. Make sure that you and your roommates agree on the basics:

1. How long are you going to stay and who is responsible for rent and other costs if someone leaves early.
2. Which expenses will be shared and which will be separate.
3. How cleaning and other jobs will be allocated.
4. Expected noise level, quiet hours, how much company and partying and when.

It may help to write up a list of those rules and responsibilities which all roommates agree to. If you all do in fact agree to certain rules then you have an oral contract with each other and you might as well put it in writing. Changes in the rules are open to re-negotiation at any time.

Here's the catch: some roommate agreements may not be enforceable in court, at least not without more trouble and expense than they are worth. You can take your roommate to court in some situations if you can't negotiate a settlement otherwise.

### THE ABANDONING ROOMMATE

A roommate who moves out before the tenancy is terminated is responsible for paying rent, utilities, and the cost of finding a new roommate, until a new roommate moves in or until the tenancy terminates, whichever is sooner. The remaining roommates are also obligated to make their best efforts to find a new roommate as soon as possible and not to turn any prospect down without good reason.

All roommates who are parties to a single rental agreement, oral or written are usually "jointly and severally" responsible to the owner for rent and other funds owed to the

owner. This means that the owner can demand full payment of any money you owe from any one roommate or from any combination of roommates.

If a roommate abandons the dwelling the owner will usually demand the full rent from the remaining roommates (though the owner could demand payment from the roommate who has left). If you don't pay the full rent, the owner can evict you.

After you pay the rent you can sue the abandoning roommate for it. You may want to wait until you have a new roommate move in so that you can determine the total amount owed you.

### THE NON-PAYING ROOMMATE

If your roommate does not pay rent and also refuses to move, you can sue that roommate for the money owed you.

### EVICTING YOUR ROOMMATE

You can evict your roommate who does not pay his or her share of any funds owed the owner but refuses to move out. You must first pay the owner the full amount due.

You cannot sue for money damages and evict your roommate in the same action. You can file a Forcible Entry and Detainer (eviction) action and an action for money damages at the same time, but the damages action will not be heard in court until several weeks after the F.E.D.

**EXCEPTION: SEPERATE LIABILITY**

The above sections on evicting or suing a roommate for non-payment of money owed to the owner does not apply if each roommate has a separate rental agreement with the owner. In the case of separate agreements, each roommate is only liable for his or her share of the rent, etc.

Roommates with separate agreements with the owner are not obligated for another roommate's unpaid rent. The owner cannot evict you or sue you but must look to the nonpaying roommate alone.

If you are unsure whether you are jointly liable or only seperately liable, call PAT.

### EVICTING YOUR ROOMMATE FOR OTHER CAUSES

Can you evict your roommate for not helping keep the place clean? The law is less clear in this situation. The rule appears to be that you can evict a roommate for violating any obligation, if the owner could evict you for the same violation.

Assuming you can do it you would have to give your roommate the same notice of termination the owner would have to give you (p.4), a notice stating that the roommate has 14 days to correct the violation or the roommate's tenancy will terminate in 30 days.

If your roommate does shape up within 14 days, then you can't proceed with the eviction! Obviously this is a good way to make everyone concerned permanently miserable with each other. Negotiating a mutually acceptable solution is far better.

If you need help mediating your disagreements you may call PAT or University Counseling Service, 353-4484. Please try to work it out yourselves first and don't call for help unless everyone is committed to finding a mutually acceptable solution.

**SUBLESSORS AND SUBLESSEES**

If you share your home with a roommate who is not a party to your rental agreement with the owner, you are the sublessor, the roommate is your sublessee. In this situation you have all the rights and remedies of the owner (p.5) and your sublessee has all the rights and remedies of the tenant (p.4) under Iowa Landlord and Tenant Law.

You can include in your sublease agreement any provisions not prohibited by law (p.6). You can agree with your sublessee that the agreement is for the full term of your lease with the owner or just month-to-month. You can agree that the sublessee will comply with terms and conditions in addition to those in your agreement with the owner, no smoking, for example.

You cannot make any agreement with your sublessee which would be a violation of your agreement with the owner if you did it. For example, if your agreement with the owner says no dogs and you allow your sublessee to have a dog, the owner can evict you.

## Owner obligations

The owner of your dwelling unit has a legal obligation to comply with all building and housing codes. You may get a copy of the Iowa City Code from PAT.

In addition to the owner's responsibility to provide housing in compliance with city housing codes, the owner must comply with all provisions set forth in the Uniform Residential Landlord and Tenant Law.

Under this law the owner must:

1. Make all repairs and do whatever is necessary to put and keep the premises in a fit and habitable condition;
2. Keep all common areas of the premises in a clean, safe condition. Common areas may include a laundry room, the parking lot and driveways, sidewalks, or the hallways;
3. Maintain in good and safe working order and condition all electrical, plumbing, sanitary, heating, ventilating, air conditioning, and other facilities and appliances, including elevators, supplied or required to be supplied by the owner.
4. Provide and maintain appropriate receptacles, accessible to all tenants, for the central collection and removal of all waste incidental to the occupancy of the dwelling unit and arrange for the removal.
5. Supply running water and reasonable amounts of hot water and heat. The Iowa City Housing Code states every dwelling must have heating facilities which are capable of heating all habitable rooms to a temperature of at least 68. The heating facilities must be capable of maintaining a minimum temperature of 65 at all times. Every supplied water-heating facility must be capable of heating water to a temperature of not less than 120 degrees Fahrenheit.

### MAKING REPAIRS AT THE OWNER'S EXPENSE: MINOR REPAIRS

A procedure called "repair and deduct" will probably be your most effective and frequently used remedy. Repair and deduct is a legal remedy which allows you to have minor repairs made at the owner's expense.

When the owner does not comply with health and safety codes or does not do work that was promised, this provision in the law allows you to make the repair, provided the repair will cost no more than one month's rent.

There are certain steps which you must follow; it is important that you do not deviate from these steps.

1. You must notify the owner, in writing, at least 14 days before your rent is due that you intend to make the repair and deduct the cost from your rent. (See "How to Count" p.7)
  2. It is a good idea to send the letter by certified mail or deliver it by hand with a witness.
- For example, suppose your kitchen faucet has been leaking badly for one week. You've called the owner who has not gotten around to fixing it. Now you should write a letter to the owner saying that you intend to have a plumber fix the faucet and that you will deduct the plumber's bill from your next rent payment. You make a copy of the letter for your file and mail the original by certified mail, return receipt requested.

Suppose you normally pay rent on the first of the month and the owner received the letter on the fifteenth. You may proceed with the repair (you must have the repair made before deducting from the rent), pay the bill, and deduct the amount spent from the next month's rent.

If, however, there are less than 14 days remaining before your rent is due suppose your letter is dated the twenty first of the month you may still make the repair, but you cannot deduct from that month's rent payment. You must wait and deduct from the following month's rent payment.

If you are considering using this remedy, you should CALL PAT or get legal advice before taking any action.

### ESSENTIAL SERVICES

Certain services are termed "essential": heat, hot and cold running water, are among these. Your owner may never (except for short periods to make repairs) allow or cause these to be shut off, either deliberately or negligently. The owner cannot, for example, have your electricity disconnected because you are late with your rent payment.

If you discover your "essential services" shut off, notify the owner. If the owner's response is unsatisfactory you should take the following steps to remedy the situation yourself.

Step One: Notify the owner of the problem in writing. Keep a copy of the letter for your records.

Step Two: Give the owner a reasonable time to make the repair. This will vary according to the nature of the problem. If the owner fails to restore the essential service as promptly as conditions allow, then proceed with the next step.

Step three: You may now proceed with securing the essential service yourself. You may deduct the cost of the repair from your rent. Spend only an amount that is reasonably necessary and keep all receipts from the service for your records. It is wise to get at least two estimates before having the repair done. Make sure the repair people you hire are competent.

Give the owner a copy of your receipt when your rent is next due along with any rent you still owe for that month.

### MAY I TERMINATE MY RENTAL AGREEMENT IF THE OWNER DOES NOT COMPLY WITH THE RENTAL AGREEMENT OR HOUSING CODES?

The law allows you to end your rental agreement if the owner fails to comply with your lease or with health and safety codes "materially affecting health and safety". Again, there are specific steps you must follow.

You must write the owner a letter (keep a copy for yourself). In this letter you must explain clearly and specifically why the owner is in violation of either the housing codes or your rental agreement. State that the rental agreement will terminate 30 days after receipt of the letter if the problem is not remedied in 14 days.

If the owner does not comply within 14 days your rental agreement terminates 30 days after the owner receives your letter. If the owner complies within 14 days your rental agreement is still in effect.

Suppose you use the remedy

described above, the owner complies within 14 days, but the problem recurs within six months. Now you may terminate the rental agreement with a 14 day notice. You do not have to give the owner a chance to comply in this case.

For example, suppose you have given the owner a 14-30 day notice to exterminate your dwelling. The owner complies within fourteen days, but four months later the bugs reappear. You are not obligated to give the owner 14 days to exterminate again. You may send the owner a letter stating the problem and that your rental agreement will end 14 days after receipt of the letter. (See "Counting page 7).

### SUING THE OWNER FOR MONEY

You can sue in court for any cost you have incurred because of the owner's noncompliance with the housing codes or your rental agreement. (See codes or your rental agreement. (See "Small Claims page 8).

If you, your family or visitors cause damage (either deliberately or by accident) to the owner's property, you are responsible for the repairs and cannot proceed with any of these remedies. Again, it is best to CALL PAT or seek legal advice if you are considering this course of action.

### AFTER MOVING INTO OUR APARTMENT WE DISCOVERED MANY CODE VIOLATIONS. WHAT CAN WE DO?

If after paying your first month's rent and deposit you discover violations of the rental agreement or health and safety codes, your owner has "failed to deliver possession". You owe no rent on your dwelling until it is in compliance with the city housing codes or the rental agreement.

If you choose to end your rental agreement because the owner has failed to deliver possession you may do so by delivering a written notice to the owner. The letter should explain the owner's failure and specifically why the owner is in violation of either housing codes or your rental agreement. State that your rental agreement will end 5 days after his or her receipt of the letter. Keep a copy of the letter.

Five days after the owner receives notice of your intention to terminate, the rental agreement ends. The owner is obligated to return all prepaid rent and the rental deposit.

The owner has failed to deliver possession if you are unable to move into your dwelling because it has not been vacated. Under these circumstances you may begin eviction proceedings against the person wrongfully living on the premises.

If you incurred costs because you could not move into your apartment (you were forced to stay in a motel, for instance) you may sue either the owner or the tenant wrongfully in possession for that amount.

CALL PAT for more information about this remedy.

### MY HOUSE BURNED DOWN!

If your dwelling is damaged or destroyed by fire or accident you should vacate the premises and notify the owner in writing within 14 days of your intention to terminate the rental agreement. The rental agreement terminates as of the date of vacating.

You are not responsible for any rent after the date of the fire or acci-

dent. The owner is obligated to return all prepaid rent and security after the termination of the rental agreement. If part of the dwelling unit is legally habitable (and you want to stay) your rent will be reduced in proportion to the extent of the damages.

### MY OWNER PUT A PADLOCK ON MY FRONT DOOR. WHAT CAN I DO?

If you come home one day to find a padlock on your front door your owner has unlawfully excluded you from the premises. Even if you have not paid your rent or otherwise violated your rental agreement, your owner may not lock you out of your dwelling.

You may bring an eviction (F.E.D.) proceeding against the owner or terminate the rental agreement if the owner fails to comply with legal eviction proceedings. In either case, you are entitled to recover any costs incurred because you were unable to get into your home; this includes suing to recover your possessions or their value in money. You are also entitled to reasonable attorney's fees. If the rental agreement is terminated, the owner must return all pre-paid rent and the rental deposit.

Likewise, if your owner deliberately turns off your electricity or another essential service (except for short periods to make repairs) you may begin eviction proceeding against the owner or terminate the rental agreement. Again, you are entitled to recover any costs incurred and reasonable attorney's fees.

If the rental agreement is terminated, the owner must return all pre-paid rent and the security deposit.

If your owner locks you out, takes your possessions, or shuts off essential services CALL PAT IMMEDIATELY!

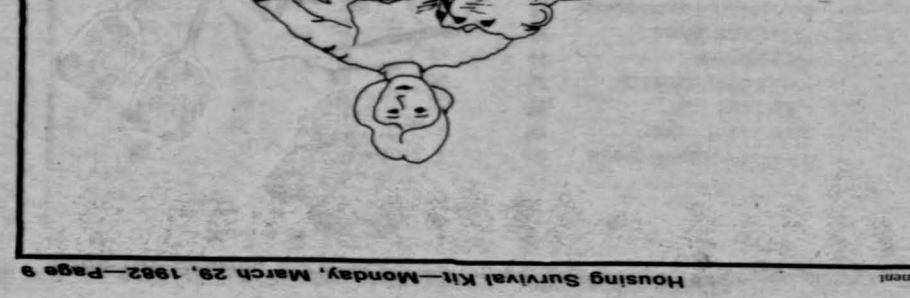
### THE OWNER COMES INTO MY APARTMENT WITHOUT PRIOR NOTICE

Your owner must, except in a case of emergency, give 24 hours' notice before entering your home. The owner may not enter except to:

1. Inspect the premises (to see if the apartment has bugs for example)
2. Make necessary or agreed repairs, decorations, alterations or improvements.
3. Supply necessary or agreed services.
4. Exhibit the dwelling unit to prospective or actual purchasers, mortgages, tenants, workers or contractors.

If the owner does not give 24 hours' notice before entering notify the owner that he or she is legally obligated to give proper notice. If the problem persists, you may obtain a court order to stop the unlawful entries or, by giving written notice, end your rental agreement. In either case, you may sue in small claims court for all costs incurred by you because of the owner's abuse of access. You are entitled to reasonable attorney's fees. You may also be able to use this remedy if you can show that your owner's repeated demands for entry, though legal, have the effect of harassing you.





# The moving out process

## MOVING OUT

There's a lot of busywork involved in moving out, but much of it prevents future problems and can save you money.

### TERMINATE YOUR TENANCY

The first step in moving out is to terminate your tenancy. If you have a month-to-month rental agreement, you need to give written notice at least 30 days before the day you usually pay rent. With a written lease for a longer period than a month, you can move out at the end of your lease without notice unless the lease requires you to give notice. Check your lease.

You may also terminate your lease if the owner has failed to fulfill his or her obligations under the lease or the law (See Tenant Remedies, p.4). If you want to move before your lease has ended and you don't have grounds to terminate you will need to sublet or assign your dwelling.

If you cannot terminate, assign or sublet your dwelling, but intend to move regardless, you are abandoning your dwelling. Call P.A.T. (See Abandonment p.7).

Failure to terminate properly may result in the loss of some or all of your deposit. Furthermore, the owner has the right to hold you liable for rent until the dwelling is re-rented.

### CLEANING AND REPAIRS

An owner can withhold your damage deposit only for unpaid rent, damage caused beyond normal wear and tear, and other debts you owe to the owner.

In order to insure the return of your deposit you should clean your dwelling and repair any damage you have caused. This may include shampooing carpet, cleaning the oven and refrigerator, and making minor repairs. For example, if you have put holes in the wall, you should carefully plaster them shut. Do a good job or the owner may do it over and still charge you.

### INSPECTION AND CHECKLIST

After you've cleaned the dwelling and made the necessary repairs, refer to the checklist you made when you moved in (see p.3). Insist that the owner or manager inspect the dwelling with you and make a new checklist describing the condition of the dwelling.

You and the owner should both sign the checklist and date it. If the owner or manager refuses to do this, do the inspection with a witness and have him or her sign the checklist. Keep one copy and send another copy to the owner by registered mail and request a return receipt. (You must go to the Post Office to do this.) If you think that future problems may arise, take photographs of the premises.

Even if you didn't make a checklist when you first moved in, a final checklist should still be filled out. In any case, this will document the final condition of the dwelling.

If your inspection with the owner or manager finds damage caused while you were a tenant, try to reach an agreement with him or her on a fair amount to be deducted from your deposit. If you can't reach an agreement, ask the owner to send you copies of any receipts for work or materials. If your deposit was more than the cost of repairs, you are entitled to get back the balance.

### GETTING BACK YOUR DAMAGE DEPOSIT

When you move out, give the owner your forwarding address in writing. Iowa law states that within 30 days after you move out and the owner receives your forwarding address, he or she must return the entire deposit or send you an itemized statement of any deductions. If this is not done, the owner forfeits all right to withhold the deposit or any part of it.

Many times an owner will require a non-refundable "cleaning", "processing", or "subletting" fee. The owner can refuse to refund these fees only if they cover costs actually incurred. For example, if you pay a \$50 processing fee, the landlord must

dize your claim.

A brochure called "Small Claims Procedures" can be obtained from the Clerk of the Court, in the courthouse on Clinton Street across from the Post Office. The clerk can also answer questions you may have, but will not give you legal advice. If you feel unsure about how to represent yourself, contact PAT, who will refer you to an attorney.

To begin proceedings you must go to the clerk's office and fill out a form called an Original Notice. On this form you explain what you are trying to recover from the owner, and why.

The clerk will help you fill out the form and the defendant will then have 20 days to answer. A date for a hearing will be set by the court after the defendant has answered. You will be notified and must go to the hearing or your claim will be dismissed.

The fees and charges for filing and delivery of the Original Notice and for court costs are about \$15, and the money is recoverable as court costs if you win.

The actual hearing is very informal, most cases do not require a

prove that \$50 in actual costs were incurred. If his or her actual expenses are less than the fee, you have a legal right to the balance. If the owner refuses to refund the amount to which you are entitled, you may sue for the balance as well as damages in Small Claims Court.

If you do not receive your damage deposit within 30 days or if you disagree with the amount the owner has withheld, send the owner a registered letter and request a return receipt from the Post Office. Ask the owner to return your deposit or any part that you think was unfairly withheld. State the amount you want returned and your legal claim to it. Keep a copy of this letter for your records. If the owner still does not return your deposit, you may sue him or her in Small Claims Court for the amount owed to you.

### CAN I USE MY DEPOSIT FOR RENT?

Many times a tenant will not pay rent for the last month of the tenancy, thinking that the deposit will cover it. This practice is not sanctioned by Iowa law, and in fact does not protect you from eviction during the final month of the lease. If there is damage to the dwelling, the owner has the option of suing you for the balance owed. Furthermore, if you want to sue the owner for damages, unpaid rent may prejudice the court against you.

### DISCONNECTION OF MAJOR SERVICES

**Phone**  
You must give the phone company at least 24 hours' notice to have your phone disconnected. If you are moving elsewhere within the city, you may be able to keep your telephone and connect it yourself in your new home, saving reconnection fees. If you are leaving the city, you can save five dollars by returning the telephone directly to the Northwestern Bell office downtown, any Quick Trip location, or Randall's Market in Coralville.

lawyer. The magistrate will ask you to explain why you want the amount for which you are suing. This is the time you explain the facts and your understanding of your legal rights. PAT has copies of the Iowa Code and will go through it with you to help you in the preparation of your argument.

Be sure to take all evidence with you to the hearing: rent receipts, canceled checks, your checklist of damages, all pertinent correspondence, and any documents relative to the case. Bring any witnesses that are available.

Good witnesses are neighbors or friends who have seen the apartment or who are familiar with the specifics of the case, previous tenants, housing inspectors, repairmen, social service workers, meter readers or anyone else who has direct knowledge of your claim. You may have the court require such witnesses to attend the hearing by having the Clerk of Court deliver a subpoena to the witness.

If you do not appear at the hearing, your claim will be dismissed with prejudice which means you cannot refile and court costs will be assessed

### Gas and Electric

When moving out, you should give the gas and electric company at least 24 hours' notice. Call them and give you name and forwarding address. Confirm this with a written letter. If you have a paid deposit, it will be applied to the final bill; if there is any deposit left over, you will be sent a check for the balance. If you don't notify the gas and electric company when you move out, service will continue to be charged to you, so remember to inform them when you leave.

### Water and Sewage

You should give the Water Department 2 weeks notice to have service discontinued or a meter reading made when you move out. Give them your name and new address so they will know where to send the final bill. If not yet returned, your \$25 deposit will be applied toward the final bill. If you don't inform the Water Department when you move out, you will continue to be charged for service after you move out, so don't forget to do this.

### Returning the Keys

After you have moved out and have completed your final inspection return your keys to the owner or manager and get a signed receipt.

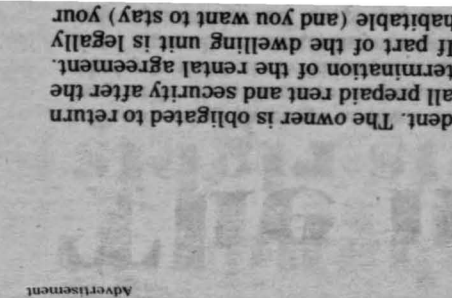
### Postal Service

If you want your mail sent on to your new address you must notify the Post Office. A forwarding address card can be obtained at no charge at the Post Office, and should be filled out with the following information: your name, old and new address, whether change is temporary or permanent, whether forwarding postage is guaranteed for mail other than first class (first class mail is forwarded without additional charge), whether change is for an entire family or only for the individual filling out the card, and your signature. This card remains on file for one year at the Post Office so the mail people know where to send your mail after you move out.

against you. If the owner does not appear, he or she is in default and the Magistrate will enter a default judgment against him or her for the amount of the claim and court costs. If the Magistrate rules in your favor, the judgment will be entered in the Index of Liens in the Clerk's office and will remain as a lien against the owner's property unless it is paid.

If the owner fails to pay, you may request the clerk to issue an execution by filling out a form which orders the sheriff to seize any property or cash of the owner. The Sheriff will then sell the property and the Clerk will pay your claim from the proceeds.

If the Magistrate does not rule in your favor and you want to appeal the decision you must file an appeal with the Clerk's office within ten days after the original judgment. The cost of filing an appeal is \$25. The case will be submitted to a District Court judge who will review all evidence and either uphold or reverse the original decision. You will need a lawyer if you want to appeal to District Court.



# Tenants have obligations

When you rent an apartment, or house, you begin to travel down a two-way street. Just as the owner has certain obligations he or she must fulfill, you too, have obligations to the owner. These obligations must be fulfilled in order to prevent the owner's taking action against you for violating the rental agreement.

The first, of course, is a financial obligation-paying the rent and usually paying a deposit. The amount of rent you will pay will vary greatly, and must be stated as part of the rental agreement. If the amount of rent is not stated, you must pay the "fair market rent" for the apartment. Rent is due and owing on the day stated in the lease, without notice to the tenant. The tenant must pay the rent "on time."

### MAINTENANCE

Your other obligations have to do with maintaining the premises. These are common sense requirements designed to protect the owner's property and the safety and well-being of you and your neighbors. You have a duty to keep your place as clean, safe, and sanitary as the condition of each item permits and as clean as the use of the item and common sense requires.

For example, you have to take the garbage out regularly and dispose of it in the receptacles the owner provides for you. You also have a duty to use the supplied fixtures and facilities (tubs, sinks, stoves and refrigerators) reasonably and properly, and keep them clean and sanitary.

A chronic problem is bugs. If you live in a single-family dwelling, you are responsible for getting rid of them yourself. If you live in an apartment, and yours is the only unit with an insect or rodent problem, the responsibility for getting rid of them is yours. However, if the bugs are there because the apartment or house is not rodent-proof or insect-proof, or if there are bugs in more than one apartment, or if they were there when you moved in, then the owner has the responsibility of getting rid of them.

You are also responsible for the behavior of your guests, which includes protecting them from injury while on your rented premises, and also protecting both your neighbors and the owner's property from being harmed by your guests.

### NEIGHBORS

You have a duty not to disturb your neighbor's "quiet enjoyment" of their dwelling. They have the same duty toward you. You can disturb your neighbor's "quiet enjoyment" by making too much noise, letting your dog dig up their flowers or using their assigned parking space. Your neighbors can sue you for damages and the owner can terminate your tenancy.

You may be able to sue the owner if he does not enforce a written lease provision or rule that requires all tenants not to disturb their neighbors.

### OTHER LEASE PROVISIONS

Most leases include a list of several rules, describing how and how not to use the landlord's property, whether pets are allowed, and so forth. So long as the rules are in writing, and you are made aware of them at the time you sign the lease, the rules should be generally enforceable (see the lease section.)

### LANDLORD REMEDIES

As you have remedies for the owner's noncompliance, so he/she has remedies for yours. He/she must follow specific steps in specific order. Knowing these steps will protect you from the owner's unwarranted threats and will help you in deciding what to do.

**TERMINATION AND EVICTION**  
Before an owner may force you to move out two conditions must be fulfilled:

1. Your tenancy must be terminated  
2. You must be given a court hearing at which the judge will determine whether you or the owner has the right to possess the dwelling. Since the court hearing is the same in all cases, it will be described first.

The owner must go to the Courthouse and file a form called an "Original Notice", in which he or she requests that the judge return possession of the apartment. You will receive, by certified mail, or delivered by the County Sheriff, a copy of the Original Notice, along with an enclosed form that you must sign and return to the Clerk of Court. THIS IS NOT AN EVICTION-YOU MAY REMAIN IN YOUR APARTMENT FOR THE PRESENT TIME. The original notice does not require you to move, but only requires you to appear in court to contest the owner's action if you choose to.

The original notice of Forcible Entry and Detainer (FED) will tell you to appear in court for a hearing which must be at least five days after you receive notice. The owner will tell his or her side of the story, you will tell yours, and the judge will make a decision. You must appear in court, or you will lose by default.

If you win, you can continue living in your apartment. If the owner wins, then you must move. The judge will set a time by which you must move. If you don't move by the date the judge orders, then and only then is the time when the owner can apply to the clerk of court to have the sheriff force you to move.

### TERMINATION FOR NON-PAYMENT OF RENT

If you have not paid your rent on time, the owner may decide to terminate your tenancy for nonpayment of rent. In this instance, there are two notices the landlord must serve: "Three-Day Notice to cure", and then the FED hearing notice. The notice to cure must be written, but need not be in any particular form; it can be delivered by the owner in person or by certified mail. The "cure" notice gives you three days to cure, that is, to pay the rent. It is a good idea to pay in person, and to get a receipt when you pay after receiving this notice.

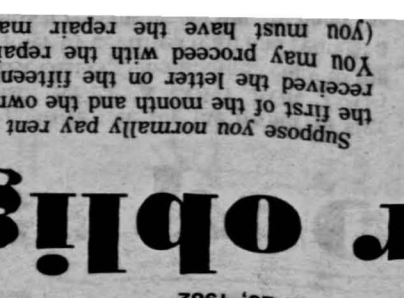
If you don't pay within three days, the owner can follow with the FED hearing. This procedure is the same as that described above.

### TERMINATION FOR LEASE OR CODE VIOLATIONS

If the owner thinks that you are not fulfilling your part of the lease agreement or rules, or that you are violating the housing code, he or she may take the following steps:

(1) give you written notice;  
(2) tell you what you are doing wrong and how to correct the violation;  
(3) give you fourteen days to correct the violation and;  
(4) tell you that if you don't correct the violation in fourteen days your lease will terminate thirty days from the day you received the notice.

If you correct the violation within the fourteen days, your lease does not



# Tenants have obligations

terminate, and you can stay in your apartment. The owner cannot terminate you for that particular violation.

If your violation is essentially the same as a violation by you within the past six months, and if the owner has sent you notice of prior violation, then he or she may terminate your lease with a fourteen day notice, without giving you a chance to correct your violation. Remember, for the same violation, the owner only has to give you one chance to correct the situation; on the second such violation, only the fourteen day notice is necessary.

### TENANT DEFENSES TO EVICTION

When the owner brings an action for termination against you, the owner must prove:

1. He or she followed the proper procedure and  
2. He or she is entitled to possession because you have failed to fulfill your obligations.

If you can show that the owner has not met these conditions, then you will not be evicted.

Defenses available to the tenant in an action to evict (FED) include improper notice of termination. In order to regain possession of the apartment from you, the landlord absolutely must follow the proper steps.

If you do not receive a written "3-Day Notice to Cure", but only the FED notice, that is improper notice. SIT TIGHT. CALL PAT. YOU CANNOT BE EVICTED. The landlord must give you your notice to cure. When you go to court on the date specified in the FED notice, simply tell the judge that the landlord did not give you proper notice. The landlord will have to start all over again with the 3-Day Notice.

If the landlord tells you verbally on the third of May that you are to be out by the end of May, and you are in a month-to-month tenancy, then begins an FED action June 1 to evict you, again, sit tight. Your defense in court will be "improper notice."

Remember to terminate a month-to-month tenancy, you must give or be given-written notice at least thirty days before the end of the rental period. The owner will have to start over again by giving you the proper notice. In this case, the soonest you could be given effective notice would be for the end of August, since the thirty day period for notice by the end of July has already begun.

### ILLEGAL RULES

Another defense to an FED is an "illegal rule." Suppose the landlord tries to evict you for not complying with a new rule. If he or she has not followed the requirements for making new rules after entering into a rental agreement (that is, the proposed rule must be in writing, be fair, you must be given proper notice of it, the proposed rule does not make a substantial modification of the lease, etc.), the rule is not enforceable against you.

### EVICTION FOR UNPAID RENT

If the owner tries to evict you for unpaid rent or other money the owner claims you owe, you can defend against the eviction by showing that you do not owe any money or have already paid it.

If you follow the repair and deduct procedure, your landlord may try to claim that you still owe rent and may try to evict you for nonpayment. You are entitled to a hearing; this is the place where you show the judge your

letter and the paid bill as a defense (a "counterclaim") for the money the landlord claims you owe. This shows that you do not owe rent, and that you were exercising your rights within the law.

### DEFENSES TO EVICTION FOR VIOLATIONS OF LEASE

The owner may attempt to evict you for violating some provision of your rental agreement. Defenses available here would include improper notice. In addition, if you can show that there was no violation on your part, the judge will rule against the owner.

You may be able to prove to the court that the violation occurred because of noncompliance by the landlord to code or ordinance requirements, for example. Furthermore, if there has in fact been a violation by you of some lease provision, you may be able to show the court that you had corrected the violation within the fourteen days that you are allowed by the code to make such a correction. DEFENSES TO OWNER'S CLAIM FOR MONEY

If the owner sues you for money that he claims you owe, again, you may defend yourself by showing that you are not legally obligated to pay the owner any money or that you already have paid it.

The owner may owe you money for repairs you have paid for or as damages for the owner's failure to make repairs. You may counterclaim for any amount the owner owes you. If you prove your counterclaim, the judge will deduct that amount from any money you owe the owner.

If you abandon your dwelling, the owner may sue you for unpaid rent until the dwelling is re-rented. The owner must make reasonable efforts to re-rent. If you can show that the owner has not made reasonable efforts to re-rent, then the judge will declare the tenancy terminated as of the day you moved out.

You can defend yourself by proving:

1. The owner chose to remodel instead of re-renting immediately.  
2. The dwelling needed such extensive repairs that the dwelling was unrentable and that the owner failed to make those repairs.

### RETRALIATORY CONDUCT AS A DEFENSE TO EVICTION

Another defense that you may use is that of retaliatory conduct by the owner. Retaliatory conduct is defined in the Code as raising your rent, diminishing any of the services the owner is required to provide, or trying or threatening to evict you if you have made a complaint to a housing inspector, complained to the landlord about health and safety violations, or have joined or organized a tenants' union.

If the owner does try to retaliate, you can sue for any expenses you've incurred, including the cost of hiring a lawyer. Furthermore, if the owner does try to raise your rent, decrease services, or evict you within one year of your complaint, the law presumes retaliation and the owner must prove that he or she is not.

### GETTING AN INJUNCTION

If all else fails, or the owner is doing something especially threatening or harassing, you may get an injunction from the District Court to prohibit the landlord's illegal conduct. Getting an injunction, however, can be costly and difficult, and you must get an attorney to assist you



# Understanding lease requirements, provisions

## THE RENTAL AGREEMENT

If you decide you want to rent the dwelling the next step is to come to an agreement with the owner. When you and the owner agree that you will rent the house at 10 Gouge St. for \$900/month for one year, you have entered into a RENTAL AGREEMENT.

The essential elements of any rental agreement are:

- (1) the names of the parties (you and the owner),
- (2) a description of the dwelling (the address)
- (3) the rent, and
- (4) the term (the time-period the agreement covers).

A rental agreement may be oral or written. An oral agreement is valid for up to one year, though most oral agreements are month-to-month. A written rental agreement (lease) may also be month-to-month or for any number of months or years.

## ALLOWED AND PROHIBITED PROVISIONS

You and the owner may include in the rental agreement any terms or conditions except illegal ones. Iowa law prohibits the owner from including in a rental agreement any provision which requires you to:

- (1) waive any rights or remedies which the law gives you;
- (2) waive the right to present your side of a dispute if the owner takes you to court;
- (3) agree to pay the owner's attorney's fees under any circumstances;
- (4) agree to excuse the owner from liability to compensate you if the owner causes you damage.

These illegal provisions are unenforceable. If the owner asks you to sign a written lease containing an illegal provision, or if you already have signed, call P.A.T.

## REQUIRED PROVISIONS

Whether your rental agreement is oral or written, the owner must disclose to you in writing the name of the manager and the name and address of the actual owner or other person authorized to receive your notices and demands. This is the person you can ask to make repairs, or sue, or notify when you are leaving.

**RULES**  
The owner may make and enforce any rules he or she pleases governing your behavior as a tenant provided

each rule is:

- (1) In writing. Unwritten rules are unenforceable, even under an oral agreement, and you are not obligated to comply with them.
- (2) For a legitimate purpose, such as promoting the tenants' welfare or protecting the owner's property.
- (3) Reasonably related to its purpose.
- (4) Applied fairly to all tenants.
- (5) Sufficiently explicit to fairly inform you of what you must or must not do.
- (6) Not designed by the owner to evade his or her responsibilities.

You must receive a copy of the rules to read before you sign the lease.

The owner may enforce a new rule after your tenancy begins only if it does not substantially change your agreement and only after reasonable notice to you.

## THE AGREEMENT IS A BINDING CONTRACT

The rental agreement, whether oral or written, is a contract which obligates both you and the owner to fulfill all its terms, except for illegal ones. Neither you nor the owner is obligated to do anything which is not part of the rental agreement, except for the duties which the law imposes on owners (p.4) and tenants (p.5).

## ALWAYS GET A WRITTEN LEASE!

A written lease is always preferable to an oral agreement. No law requires the owner to redecorate, remodel, allow pets, or provide furniture. If the owner promises you any of these things as part of your oral rental agreement, the promise is

binding, but how are you going to prove it?

If you have a written lease and the owner makes oral promises, you may be able to enforce these promises also, if they do not conflict with specific lease provisions, and again if you can prove that the promise was part of the lease. If an oral promise conflicts with the lease, the lease will prevail. Many leases contain a clause which says that no oral agreements are binding! Therefore, always get the landlord to put all promises in writing.

Since a written lease can also be month-to-month, there is no reason for you not to ask for a written lease and no reason for the owner to refuse.

If the owner is unwilling to provide you with a written lease, offer a lease to the owner! P.A.T. will give you a blank lease for and explain to you how to use it.

## PROS AND CONS OF MONTH-TO-MONTH OR LONGER RENTAL AGREEMENTS

A written or oral agreement for a specific time-period prevents the owner from changing the rules or raising the rent until the lease expires. Until the agreed time-period expires, the owner may not evict you except for non-payment of rent or substantial violation of the lease, the housing code, or the Landlord/Tenant Law.

On the other hand, if you plan to leave before the lease is up, you may have to find a substitute tenant or else pay the rent until the owner finds one.

Under an oral or written month-to-month rental agreement the landlord may, by simply giving you a 30-day notice, raise the rent, change the rules or terminate your tenancy for no stated reason (except Retaliation, p.5). The only apparent advantage of a month-to-month agreement is that the tenant can also terminate with 30-days written notice.

The best alternative is to negotiate with the owner for a lease for exactly the period you want to stay.

## HOW TO AMEND YOUR LEASE

Read the lease before you sign it! If you are dissatisfied with any of its provisions, remember that they are binding unless illegal. Negotiate with the owner to change anything you don't like or add anything you need.

If the owner agrees to the changes you may amend the lease on the spot by adding, deleting, or altering any provision. Cross out all the words you want to delete, add any alteration of additional provision you want to include. Both you and the owner must initial and date each change!

Additions may also be written on a separate sheet. Then, sign and date it and have the owner sign it. Always get and keep a copy of your lease and any other agreement you make with the owner.

## TAKE IT OR LEAVE IT!

Many owners will offer you a form lease and refuse to negotiate. You should always try anyway. Owners will change only if tenants pressure them to change. In many cases you and your neighbors can bring about changes by organized group action. Call P.A.T. and discuss it with us.

## TERMINATION OF THE RENTAL AGREEMENT MONTH-TO-MONTH

To terminate a month-to-month agreement either party must give written notice to the other at least 30 days in advance, not counting the day on which the notice is received by the other party. Termination is effective only as of the day before your rent is next due.

If you rent is due on the 1st of the month, you can only terminate on the last day of a month. For example, if you want to terminate your tenancy effective April 30, the owner must receive your notice 30 days before and including April 30. The day the notice is received does not count. Therefore, the owner must receive the notice by March 31, at the latest. (see Counting Rules p.7).

## WRITTEN LEASE

A written lease for a term longer than one month cannot be terminated by a simple 30-day notice. The lease can be terminated only,

1. when it expires, or as otherwise provided in the lease itself (Read it!) or
2. by mutual agreement between you and the owner, for example, if the owner signs a release form, or
3. if you have given the owner proper notice of termination for failing to comply with his or her obligations.

## DOES YOUR LEASE EXPIRE OR AUTOMATICALLY RENEW?

Unless otherwise stated, the lease terminates on the expiration date stated in the lease. Some leases provide that the lease is automatically renewed for the same period as the original lease or as a month-to-month unless you or the owner give notice, usually 30 days. If you do not give the required notice you may be held liable for rent until your dwelling is re-rented. Re-read your lease at least 31 days before you intend to terminate and call P.A.T. if you have any questions about how to

terminate.

## TERMINATING YOUR LEASE BEFORE IT EXPIRES

If you want to terminate your lease early you may be able to use one of the TENANT'S REMEDIES (p.4).

If you cannot use any of these methods, you can only terminate the lease with the owner's consent. Persuade the owner to sign a release form (available at PAT) or to sign a new lease with a new tenant, or to sign an assignment agreement along with the new tenant.

Assigning or subletting without the owner's written consent does not terminate your lease. That is, even if you assign or sublet you may still be held liable for unpaid rent or damage which the new tenant leaves without paying.

Ask the owner if he or she is willing to release you from your obligations. If the owner agrees, get it in writing! An oral promise which conflicts with your lease is unlikely to be enforceable. Write the agreement on both copies of the lease, date it and both you and the owner sign it. Or use a release form, available at PAT.

If the owner signs a new lease with a new tenant, your lease is then terminated. Since a release is the simplest and surest way to terminate your obligations, always try to persuade the owner to do one or the other.

## ASSIGNMENT

Most owners will not release you from your liability under the lease or sign a new lease with a new tenant, since they would rather hold two tenants liable for rent and damages rather than one. The next best, and most common, solution is for you to assign the lease to a new tenant.

When you assign your lease, you (the assignor) transfer all your rights under the lease to the new tenant (the assignee). The new tenant is then obligated to perform all the obligations of the lease. You are still liable if the assignee doesn't pay rent or for any damages, unless you get the owner to sign an assignment agreement which releases you. Again, you may write such an agreement on the lease or use the P.A.T. assignment form. **YOU HAVE A RIGHT TO ASSIGN OR SUBLET**

A standard lease clause says: Tenant shall not assign this Rental Agreement, nor sublet the dwelling, or any portion thereof, without prior written consent of the Landlord.

This clause means that the owner has the right to approve the prospective assignee or sublessee, but may not withhold consent unless there is a good reason, relevant to the prospective tenant's ability to fulfill the obligations of the lease. The owner cannot flatly prohibit you for assigning the lease or subletting.

## SUBLETTING

Whenever you transfer to a new tenant anything less than all your rights under the lease, you are subletting.

Common subletting situations include:

1. Having another tenant take over the dwelling for the summer under an agreement that allows you to move back in before the lease is up.
2. Having another tenant take over the dwelling but requiring the tenant to pay more rent than you pay the owner, or reserving the right to store your possessions in the dwelling.
3. Sharing your dwelling with a roommate who pays the rent to you and does not become a party to your agreement with the owner.

To protect everyone concerned, you (the sublessor) should request a written agreement with the other tenant (the sublessee). Your lease may require you to get the owner's written permission to sublet. You will also remain liable if your sublessee fails to pay rent or damages the dwelling. Sublet forms are available at P.A.T.

## ABANDONMENT

If you move out of your dwelling without terminating the rental agreement, assigning, or subletting, you have abandoned it.

You are liable for rent until the owner rents the dwelling to a new tenant.

The owner is obligated to try to find a new tenant, at a reasonable rent, as quickly as possible. Reasonable rent is no more than what you were paying, and may be less.

If neither you nor the owner can find a new tenant at the same rent it would be most reasonable to rent the dwelling at the highest rent you could

get. You would be responsible for paying the difference to the owner.

## YOU SHOULD FIND THE NEW TENANT

Unless the owner has released you, you should keep control of the process of finding a substitute tenant.

In order to avoid problems, proceed as follows:

1. Plan ahead. As soon as you know you are going to move before the end of your lease, contact P.A.T.
2. Advertise your dwelling immediately.
3. Have prospective renters call you and keep a record of names and phone numbers.
4. Show the dwelling yourself and go with interested prospects to negotiate the assignment, new lease, or sublease with the owner.
5. Make sure that all parties concerned sign and date a written agreement which expresses your rights and obligations under the new arrangement.

## Always put everything in writing

Every communication between you and the owner should be in writing. When repairs are needed or you are planning to move, you will probably phone or talk to the owner in person. Then, immediately write the owner a letter spelling out all details of any agreement you made or, if there was no agreement, what you are going to do and what you expect the owner to do.

If the owner has promptly made repairs after your oral request, write a thank you letter recounting what you requested and what the owner did and when.

**KEEP COPIES OF ALL COMMUNICATIONS.** Mail the letter by ordinary mail for ordinary situations, by certified mail return receipt requested if the letter is a NOTICE.

Or deliver the letter by hand to the owner (take a witness along).

If you always put it in writing, you will have important evidence that you may need if you and the owner have a dispute, especially if you have to go to court.

## Proper notice procedure

Whenever this handbook says that you or the owner must notify or give the other notice before taking some action, remember, if the notice is defective, the action cannot be lawfully taken. If you fail to give proper notice it may cost you delay and money.

## WRITTEN OR ORAL NOTICE

In order to make sure the notice you give is effective, always follow these rules:

1. **ALWAYS GIVE WRITTEN NOTICE!** If you haven't given written notice but want to act anyway, call P.A.T.
2. Think ahead. Most notices must be given at least 30 days before you take action.
3. Find out how far ahead you have to give notice and always give yourself plenty of time.
4. Always keep a copy.
5. Always mail the notice by certified mail, return receipt requested, or deliver the notice to the owner in person, with a witness who will be willing and able to go to court with you if necessary.

## CERTIFIED MAIL

Go to the Post Office and tell the post person you want to send your letter certified mail and you want a return receipt. When the owner receives the letter he or she will sign for it and the Post Office will mail you the receipt. **KEEP THE RECEIPT.** Attach the receipt to your copy of the letter. This is your proof that the owner received the letter on the date indicated on the receipt.

## Follow the correct counting rules

Whenever you have to give notice of a specific number of days, follow these rules:

1. Do not count the day prior to which notice must be effective.
  2. Do not count the day on which the notice was received by the owner.
- Example: You are a month-to-month tenant and you want to give 30 days' notice to terminate your tenancy by May 1. Notice to terminate a month-to-month tenancy can only be effective for the last day of a rental period, that is the day before your rent is next due. Therefore, you need to give notice effective April 30.
1. Don't count May 1, the day prior to which notice must be effective. Count back 30 days from and including April 30. The result is April 1. But notice received on April 1 is only 29 days' notice because
  2. You don't count the day notice is received. Therefore, notice effective April 30 must be given on or before March 31. Notice given April 1 to terminate your tenancy on April 30 would be one day too late!
- If you are unsure of the time by which you must give notice, call P.A.T.

