

GAMIT Display Case Vandalized

Stacey E. Blau
STAFF REPORTER

The Gays, Lesbians, Bisexuals, Transgenders, and Friends at MIT display case in the Infinite Corridor was vandalized on Sept. 4 at about 1 p.m., said Chief of Campus Police Anne P. Glavin.

"Someone, or some people, sprayed pink foam over various posters, the words 'We're Here! We're Queer!', and images of various couples kissing in the GAMIT display case," said Celeste D. Winant '95. Winant immediately filed a report with Campus Police after seeing the vandalized display.

At the request of Campus Police, workers from Physical Plant cleaned up the pink foam on the display. "There is no evidence of who committed the act," Glavin said.

"Even though MIT cannot prevent [the perpetrators] from acting hatefully and stupidly, their actions will not be tolerated by the queer

community or by any other sensitive person for that matter," Winant said.

GAMIT Political Coordinator Joaquin S. Terrones '97 said that GAMIT is planning several activities in response to the recent vandalism and other incidents. GAMIT is planning a poster and flyer campaign to increase awareness of homophobia at MIT, he said.

In addition, "We've invited Warren J. Blumenfeld [author of *Homophobia: How We All Pay the Price*] to speak at MIT on homophobia," Terrones said. Blumenfeld is also the founder and first director of the National Gay Student Center.

Blumenfeld visited MIT last March for a forum on homophobia, after Lambda Chi Alpha members vandalized the sidewalk outside the house of Tau Epsilon Phi. The LCA members spray painted the words:

GAMIT, Page 21

UROP Cost Increase Lower than Expected

By Jeremy Hylton
CHAIRMAN

New federal regulations for handling the indirect costs of doing research took effect on July 1, and the Undergraduate Research Opportunities Program began accepting its first regular-semester proposals under the new guidelines on Wednesday.

The new guidelines will make hiring a UROP student about 60 percent more expensive than it was last fall, but the effect has not been as catastrophic as originally anticipated.

It will be difficult to measure the new regulations' effects on the program until well into the semester, according to Norma G. McGavern, director of UROP. But McGavern is optimistic.

The new guidelines require that UROP salaries pay for employee benefits and overhead costs, which pay for indirect costs such as supporting libraries and paying utilities. But MIT created a new benefits category for UROP salaries that incurs a 6.5 percent charge instead of the 43.5 percent charge on normal employees' salaries, McGavern said.

For a student who receives a

\$1,000 salary during the semester, the new benefit rate means that the hiring professor will pay \$1,619 instead of \$2,174.

The new rate "makes a tremendous difference," McGavern said. "I'm optimistic that faculty really care deeply about UROP and will find that paying a student \$1,500 instead of \$950 is not that much of a hardship."

Students can turn in UROP proposals until Sept. 16 in order to ask for funding from the UROP Office.

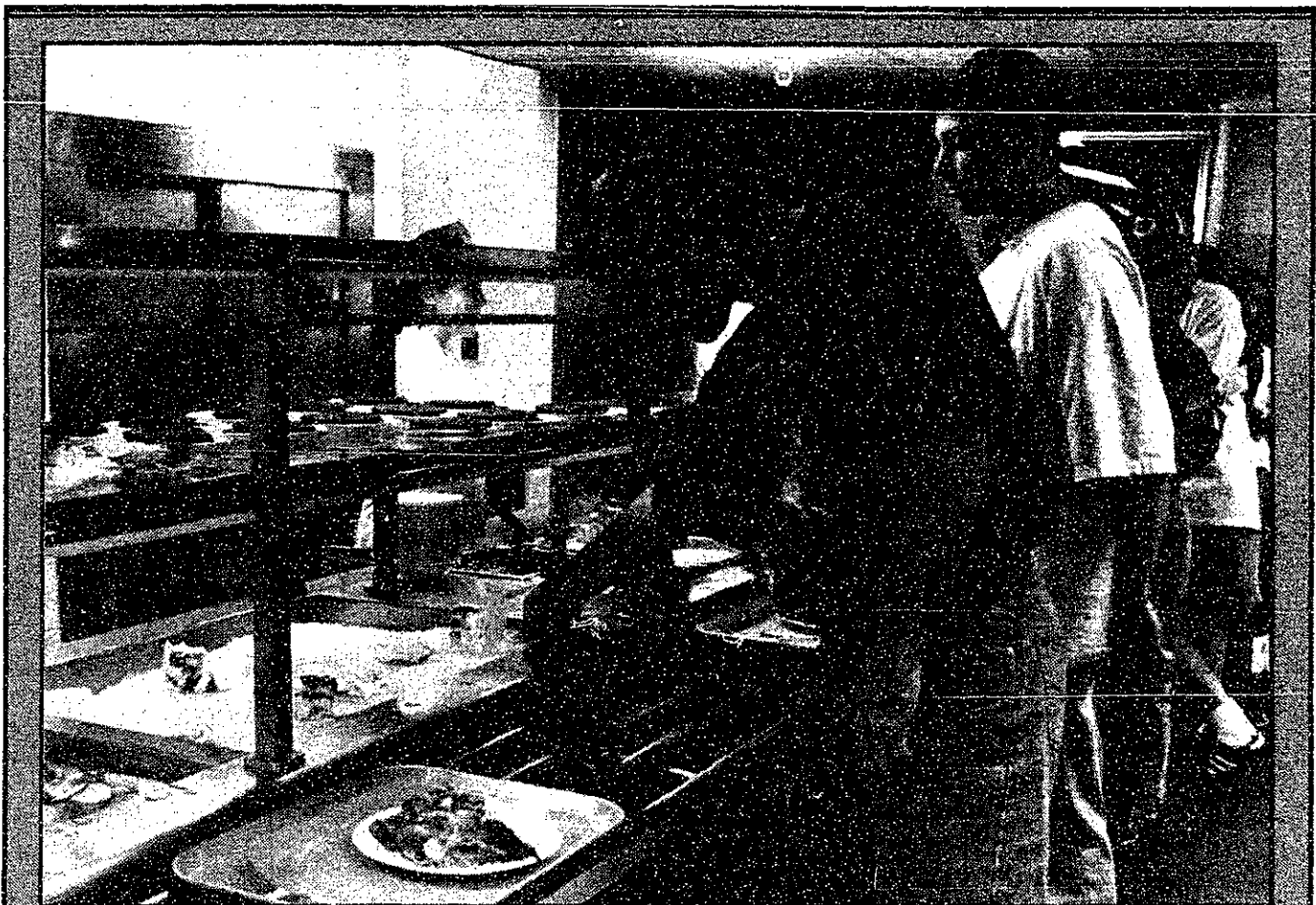
Partial support not available

In a change from last year, UROP will not provide partial support for students who are also paid by professors. Students must either be supported entirely by UROP funds or entirely by sponsored research.

For the first time, students taking UROP for pay can also receive one unit of non-degree credit. Students must complete a UROP proposal and faculty supervisors must approve the credit.

McGavern expects the number of for-credit UROPs will increase

UROp, Page 21



A student reaches for a slice of pie at the opening of the new student-run Baker House Dining Hall Wednesday evening.

Students Now Run Baker Dining

By Daniel C. Stevenson
ASSOCIATE NEWS EDITOR

The recently reopened Baker House dining hall, now run by a student committee, is "a model for student empowerment," according to Baker Dining Committee Chair Albert L. Hsu '95. Students are eating all the time, Hsu said, including the serving times, the type and variety of food offered, and the pricing of meals.

The dining hall opened Wednesday night and served about 250 students. One long-time Baker worker said that she had never seen so many people eat at Baker in one night, Hsu said.

Students formed the dining committee last February because "there were absolutely zero steps being taken by ARA to try to make Baker an efficient oper-

ation," Hsu said. "We were just going to lose the dining hall at the end of the year."

For the past several years, Baker dining was run by ARA, which manages most food service operations on campus. Baker dining had been losing about \$10,000 per month, but was covered by MIT, Hsu said. However, MIT would not cover the losses at Baker beyond July 1 because of budget problems, he said.

In addition, quality was low and there were a lot of complaints about the food, Hsu said.

The committee is now focused on "molding a

Baker, Page 18

INSIDE

- R/O Week in review. Pages 12-13
- List art loan program gives students chance to borrow artwork for the school year. Page 6
- Carrey entertains in *The Mask* with his comic capers. Page 6

Smoking Policy Revised

Resolution prompts smoking ban in dining areas

By Sarah Y. Keightley
EDITOR IN CHIEF

In compliance with a non-binding Cambridge City Council resolution written in May, the administration has extended MIT's non-smoking policy to campus dining areas effective Sept. 1.

The smoking policy, which has been in place since March 1987, continues to prohibit smoking in all academic and service buildings, except in dormitories, said Senior Vice President William R. Dickson '56.

Previously, this policy also

allowed designated smoking sections in eating areas, including Walker, Lohdell Court, and Networks, Dickson said. Under the newly revised smoking policy, these areas are eliminated, he said. However, dormitories are still allowed to have their own policies regarding smoking, Dickson said.

"Any food service operation used by the community is affected [by the revised policy], except those in the residence houses," said Direc-

Smoking, Page 23

UROp Student Helped Process Comet Collision Photos

By Romy A. Arnaout
ASSOCIATE NEWS EDITOR

The collision of a fragmented comet with Jupiter in July was a memorable event for Jennifer R. Mills '96, who played a key role in processing images of the impact taken by the Hubble Space Telescope.

Working under Heidi B. Hammel '82, a research scientist in the Department of Earth, Atmospheric, and Planetary Sciences, Mills wrote software that cut down the processing time per image from nearly two days to about seven minutes.

First-round image processing is usually handled by the National Aeronautics and

Space Administration, and takes about two days per picture. NASA then returns the data to investigators in a format their programs can understand, Mills said. However, with over 20 comet fragments hitting the giant planet in only eight days, the pace of the Jupiter event made using NASA impractical for the group, Hammel said.

"Jennifer has taken the programs and put them all together to make them more efficient than before," Hammel said. By removing scan lines and other artifacts and correcting for distortions, the programs enhance image quality, she said.

Mills enjoyed the opportunity to work on

the once-in-a-lifetime project. "When I first started this year I couldn't imagine doing this," said Mills, who landed the job through the Undergraduate Research Opportunities Program. "There were a lot of all-nighters," she said. "It was a lot of work, [but] it was exciting."

Many of the over 400 images the team collected have since appeared widely in the press and are available on the Internet.

The comet first attracted attention in April 1993, when astronomers found that a close encounter with Jupiter the year before had torn it into more than 20 fragments labeled A, B, C, and so on, according to a

press release from astronomers Lucy McHadden and Michael F. A'Hearn of the University of Maryland. By May, it appeared likely that the broken-up comet would strike the planet on its next orbit, the release said. Since then, the comet, named Shoemaker-Levy 9 after its discoverers, has been the center of interest for many astronomers.

Data down, analysis to go

Hammel's team, which started the trouble with another group during the week of

Jupiter, Page 17

WORLD & NATION

U.S. Calls for Latin American Support on Haiti

LOS ANGELES TIMES

RIO DE JANEIRO, BRAZIL

Attempting to increase pressure on Haiti's military dictatorship, U.S. State Department officials Thursday asked a coalition of major Latin American nations meeting here to call jointly for the Haitian regime to leave power, and to support military intervention if it does not.

They will get the statement, but not much else.

The 14 Latin American nations, officially dubbed the Rio Group, were scheduled to issue a joint declaration Friday demanding that the "de facto authorities in Haiti leave power immediately."

The statement, however, will be virtually the same as one they have released annually since the September 1991 military coup in which the Caribbean nation's first democratically elected president, Jean-Bertrand Aristide, was ousted.

But the group, which includes Brazil, Argentina, Chile, Colombia, Ecuador and Venezuela, refused to back away from its opposition to any military intervention to restore Aristide to power.

"We are staunchly opposed to military intervention," said Venezuelan Foreign Minister Miguel Angel Burelli Rivas.

Of the group's members, only Argentina, which voted for the July 31 resolution of the U.N. Security Council that gave President Clinton the authority to invade Haiti, supports the U.S. position.

Protestant Groups Say They Won't Match IRA's Cease-Fire

LOS ANGELES TIMES

BELFAST, NORTHERN IRELAND

Protestant paramilitary groups loyal to Britain issued a statement here Thursday saying they would not declare a cease-fire to match that observed by the outlawed Irish Republican Army for the past week in Northern Ireland.

The Combined Loyalist Military command, which wants continued British rule in the province, said before calling a cease-fire it would need proof that the IRA's armistice is holding and that no secret peace deals were made with the Irish nationalists by the British government. The group also wants guarantees that Ulster, as the Protestants call Northern Ireland, would remain in the United Kingdom after a peace settlement.

However, political observers pointed out that no loyalist attacks have occurred since Sunday, and that the paramilitary groups may well be observing a de facto cease-fire without publicly committing themselves to one.

Irish Prime Minister Albert Reynolds, who this week held an unprecedented meeting with the IRA's political spokesman, Gerry Adams, Wednesday had called on the loyalists to participate in the cease-fire.

Women Have Same Election Victory Chance As Men, Study Says

LOS ANGELES TIMES

The most comprehensive study ever done of women's chances of winning elections delivered a verdict that surprised even its authors: Women candidates have the same chance of victory as men, no better and no worse.

The survey, released Thursday by the National Women's Political Caucus, appeared to shoot down a prevailing political belief: That women, because of biases on the part of voters and their general status as outsiders to the political Establishment, have a harder time winning elections than men.

In fact, the major variable that determined whether women candidates won general elections was simple incumbency, the survey found. Men dominate state legislatures, Congress and the statehouses because they always have.

"Winning has nothing to do with sex and everything to do with incumbency," said Jody Nelson, coordinator of the survey of 50,563 candidates who have run for public office since 1972.

Another surprise was the survey's finding that 1992's political "Year of the Woman" in some ways was not: More women won than ever before because more of them ran for open seats, but the women who did run had no better shot at winning than male candidates.

WEATHER

Fall Pleasures

By Marek Zebrowski

STAFF METEOROLOGIST

A fairly vigorous upper low will rapidly move from the Hudson Bay region toward New England on Friday and the surface front associated with it is likely to generate showers in our area by late afternoon. A warm spell of the last few days will end as much colder flow is predicted for the weekend. Sunshine should be plentiful (especially in southern parts and the coastal plain) with patchy clouds in western and northern mountains. Early next week temperatures will be moderate under fair skies.

Today: Partly sunny with increasing cloudiness throughout the afternoon. Quite warm with a good chance of scattered showers and isolated thunderstorms. High around 78°F (26°C) with west to southwesterly winds at 10-15 mph (16-24 kmh).

Tonight: Cloudy with showers possible. Clearing after midnight. Winds shifting to northwest, temperatures falling to 54°F (-12°C) by daybreak.

Saturday: Sunny and dry with some scattered fair weather clouds dotting the afternoon skies. Crisp high of 68°F (20°C) with steady northwesterly breezes at 10-15 mph (16-24 kmh).

Sunday: Fair and pleasant after a cool start, with lows near 50°F (10°C) and high touching 70°F (21°C).

Crackdown on Dissidents Follows Cuban Emigration

By Tod Robberson

THE WASHINGTON POST

HAVANA, CUBA

President Fidel Castro's decision last month to open Cuban shores to unrestricted emigration has been accompanied by new repression against the country's leading dissidents, according to a human rights group and a diplomat in Havana.

At least 30 prominent dissidents and human rights activists have been detained for various periods in apparent retaliation for an Aug. 5 riot in downtown Havana, the Cuban Commission of Human Rights and National Reconciliation said in a statement. The Aug. 5 incident, which followed two other violent confrontations between police and civilians, helped prompt Castro's decision to open the emigration floodgates, leading to the exodus of thousands of rafters from Cuban shores.

Among those arrested were three lawyers, two physicians and two human rights activists, the commission said. The detainees have been thrown in jail or sporadically placed under house arrest at various times since Aug. 5.

One of those arrested, actor Rene del Pozo, said Thursday he continues to receive threats from members of Castro's feared interior police. He said he spent five days in a squalid jail in early August after police ransacked his house and has been detained twice since then, the most recent arrest occurring last week. He and others said the arrests appeared directly related to the Aug. 5 demonstration although police ini-

tially charged him for "illegal possession of three cases of beer." He said he was later formally charged with spreading "enemy propaganda," an offense that carries a prison sentence of two to 10 years.

A Western diplomat confirmed independently that the arrest of dissidents had occurred, although the Cuban government has said nothing about them.

Elizardo Sanchez Santa Cruz, president of the independent human rights commission, said he fears Castro is planning to use a U.S. request for a crackdown on departures of Cuban raft people as a "pretext for massive repression" against Cubans who have taken advantage of the crisis to denounce the government.

The United States and Cuba are negotiating an accord to halt the seaborne exodus of Cubans, at least 20,000 of whom have been intercepted by U.S. Coast Guard ships and taken to detention camps at Guantanamo Bay Naval Station on Cuba's southeastern tip.

After years of appeals by Washington for Cuba to ease restrictions on emigration and to halt oppression of dissidents, the Clinton administration is asking Castro to cut off the flow of rafters. In exchange, Washington is offering to increase the limit on immigration visas that the United States grants every year.

"This is exactly what Castro wants — to blame somebody else for something he has always planned to do," Sanchez said. "You can be sure that as soon as he closes the door, the arrests and repression will begin."

The heavy presence of police

and neighborhood security units known as Revolutionary Defense Committees historically has made average Cubans cautious about their public behavior.

But the recent influx of U.S. journalists and television cameras has spurred some Cubans to criticize the government, often giving their full names. They will be the government's primary targets once Castro begins his crackdown, Sanchez warned.

Sanchez has spent eight of the past 12 years in various Cuban prisons and has been listed by the London-based human rights organization Amnesty International as one of the country's main targets of political oppression.

Sanchez said he received two telephone threats Thursday warning him that he would be arrested if he talked to journalists or diplomats about the arrest campaign. Six plainclothes policemen stood outside his Havana home today closely observing his movements.

As Sanchez reported receiving threats in Havana, Cuban Foreign Minister Roberto Robaina held talks Thursday and Wednesday in Madrid with a representative of Sanchez's human rights commission and two other self-described moderate members of the Cuban opposition in exile.

"This is a very contradictory government. On one hand they hold talks with the opposition, while on the other hand they arrest them," actor del Pozo said. "Nobody knows why they do this. We're the ones asking for dialogue with Fidel Castro. We're the moderates."

Pilot in Shootings Charged With Dereliction, Homicide

By John F. Harris

THE WASHINGTON POST

WASHINGTON

An Air Force F-15 pilot involved in the fatal shootings of two Army helicopters over northern Iraq last April was charged by military authorities Thursday with two counts of dereliction of duty and 26 counts of negligent homicide — one for each of those who lost their lives.

Air Force Lt. Col. Randy W. May, who is based in Germany and was identified as the pilot for the first time, could be sent to prison for a year for each of the negligent homicide charges if he is convicted at a court martial. Pentagon spokesmen said they believed such a sentence would be among the most severe ever for a friendly-fire incident.

May admitted to investigators that he carried through with an attack even though he had not positively identified two helicopters that turned out to be friendly. He and others told investigators last spring the shutdown was an honest mistake, the result of a tangled series of misunderstandings and procedural breakdowns involving many different people.

But military analysts said Thursday's charges are a clear sign that Air Force commanders intend to hold specific individuals directly accountable.

Also charged with numerous counts of dereliction of duty Thursday were five crew members of an airborne radar plane patrolling the skies over Iraq on April 14. Investigators concluded they could have averted the shootdowns of the two Army Black Hawks if they had been controlling the air space more attentively.

The charges against the Airborne Warning and Control System (AWACS) crew had been expected since late last month, when a review board made its recommendations to Lt. Gen. Stephen Croker, commander of the 8th Air Force.

In May's case, a similar group made recommendations to Maj. Gen. Eugene Santarelli, the commander of the 17th Air Force in Germany, where May is stationed. Santarelli is still considering the fate of the other F-15 pilot involved in the shoot down.

Fifteen U.S. citizens and 11 foreign nationals were killed in the shootings. According to transcripts of interviews with May conducted during the inquiry, he acknowledged he bore blame for the tragedy but also said others had a share.

"I accept responsibility for the role that I played in this tragic accident," May said. "Knowing my actions have caused not only needless loss of life, but also much pain and suffering for others, is something which will always haunt me."

While startling because of the severity of the charges, Thursday's developments are simply the start of the military judicial process — the equivalent of being arrested by a civilian police officer. The next step is that the charged individuals will be given an "Article 32" hearing, which is roughly similar to a civilian grand-jury proceeding.

At least two military judges will be appointed — one for the F-15 pilot, another for the AWACS crew — to serve as Article 32 officers. They will hold public hearings to determine if there is enough cause to recommend initiating a formal court martial or impose less-serious administrative punishment. Those

recommendations will be taken back to Santarelli and Croker, who then decide whether to convene a court martial or take other action.

The AWACS crew members charged were Maj. Douglas L. Martin, stationed with the Air Combat Command Air Operations Squadron at Langley Air Force Base in Virginia; and Maj. Lawrence M. Tracey, Cpt. Jim Wang, 1st Lt. Joseph M. Halcli, and 2nd Lt. Ricky L. Wilson, all based at Tinker Air Force Base in Oklahoma.

The F-15 pilots told investigators they thought they were firing at Iraqi helicopters violating an allied ban on flights over a safe zone established at the end of the Persian Gulf War to protect Iraq's persecuted Kurdish minority. The Black Hawk helicopters, carrying a delegation of U.S. and allied officials on a trip to Kurdish villages, looked like Soviet-built Hind helicopters of the kind Iraq owns, the pilots said.

But May made a critical error, according to an Air Force officer. He was flying as wingman in the two-man formation when the lead pilot called out that he had visually identified two Hinds, and asked May to confirm the identification.

May then called out "Tally Two" on his radio, which the lead pilot took as confirmation. First the lead pilot, then May, fired missiles that blew the Black Hawks from the sky.

In fact, May later told investigators he never clearly saw the helicopters before calling "Tally Two." "I did not identify them as friendly; I did not identify them as hostile," according to a transcript of his interview with investigators. "I expected to see Hinds based on the call my flight leader had made. I didn't see anything that disputed that."

Baseball Closer to Settlement

By Mark Maske
THE WASHINGTON POST

Representatives for major league baseball's team owners and striking players, in a last-gasp effort to salvage the season, planned to meet Wednesday night in New York and have scheduled a formal negotiating session for Thursday amid indications that a settlement to their bitter labor dispute could be within reach.

"I definitely think there's reason for optimism," Los Angeles Dodgers owner Peter O'Malley said. "I think there are going to be several proposals and counterproposals exchanged."

Said Milwaukee Brewers owner Bud Selig, baseball's acting commissioner: "I certainly hope there's reason to be optimistic. The meaningful meeting is (Thursday). But whatever is discussed, there's got to be meaningful economic change for us to agree to a settlement."

The players' strike Thursday reaches four weeks, and both sides apparently are feeling the pressure of being remembered as the culprits who forced the cancellation of the World Series for the first time since 1904. Wednesday, for perhaps the first time since baseball's eighth work stoppage in 23 years began, there were reasons to be optimistic that the owners and the players' union soon could find a middle ground and agree on a new labor contract.

Extensive behind-the-scenes maneuvering apparently has left the

owners willing to take their salary-cap proposal off the table — if the union is willing to give the owners some kind of cost-containment device to put in its place. Both sides seem willing to compromise.

However, a management source close to the negotiations said Wednesday night that the meetings were prompted by the union and could be merely for public relations purposes.

"I have no idea if this is the beginning of serious negotiations," the source said. "What I think is going on is, their proposal will contain no restraint on costs. We have not backed off the cap proposal. What we have done is indicated privately that, of course, we'd be willing to substitute another cost containment device for a salary cap. Hopefully they're serious. If they are, we'll work around the clock until we get something done."

The owners gave the Players Association a chunk of financial data on Saturday, and union chief Donald Fehr said the union was working Wednesday night to prepare a possible counterproposal. Asked whether the union would offer its counterproposal at today's meeting, Fehr said: "I don't know yet. We're still trying to crunch the numbers we received over the weekend. We're working on some stuff."

Selig said that Chicago White Sox Chairman Jerry Reinsdorf, Colorado Rockies Chairman Jerry McMorris, Boston Red Sox General

Partner John Harrington, Atlanta Braves President Stan Kasten, Milwaukee Brewers Vice President Wendy Selig-Prieb (Selig's daughter) and Stuart Meyer (who just stepped down as president of the St. Louis Cardinals) were in New York or were on their way there yesterday to participate in the meetings.

Several of those ownership representatives were to meet last night with Donald Fehr and Players Association attorneys Steve Fehr, Gene Orza and Lauren Rich.

A bargaining session — the first since Aug. 25 — is scheduled for Thursday. The union has asked its negotiating committee of players to go to New York, and Donald Fehr said Wednesday afternoon: "It looks like we're going to meet (Thursday). This whole thing has sort of come together by osmosis."

Richard Ravitch, the owners' chief labor negotiator, canceled a planned trip to Washington Wednesday and said early in the afternoon that a meeting Thursday seemed likely. A spokesperson for the Federal Mediation and Conciliation Service said the mediators who have been involved in the dispute do not intend to attend Thursday's meeting. A management source said Wednesday night that the mediators have been excluded from the negotiations for good. Bud Selig will not be directly involved either, but has said in recent days he's seriously considering being at the bargaining table in the near future.

Israel Proposes Testing Period After Partial Golan Pullback

By Caryle Murphy
THE WASHINGTON POST

JERUSALEM

Prime Minister Yitzhak Rabin said Thursday that Israel proposes a three-year "testing period" of normal relations with Syria after an initial, "very partial" Israeli pullback on the Golan Heights before proceeding to a fuller withdrawal as part of an Israeli-Syrian peace agreement.

Rabin's declaration, issued by his office, marked the first time he has publicly described in such detail Israel's position in U.S.-fostered peace talks with Syria, including the proposed time frame for the first step of an accord. Two government spokesmen said it was a shorter period than earlier Israeli proposals.

Syria has demanded that Israel commit itself to a complete evacuation of the heights, captured by Israel in 1967, before any accord can be reached that commits Syria to normal relations with Israel. It

also wants to see that evacuation occur in much less time than Israel foresees.

Asked at a news conference in London Thursday about Rabin's idea of a three-year waiting period after an initial Israeli withdrawal, Syrian Foreign Minister Farouk Charaa said: "We think from a realistic point of view and a logical point of view, and because of the small size of the Golan Heights, that there is no need for a long period to conclude the withdrawal. It does not need years to pull out." Charaa declared, however, that Syria is ready for a "warm peace" with Israel.

Rabin's statement said, "We are not prepared to commit ourselves regarding the depth of the withdrawal before the Syrians agree to the number of years over which it will continue — and this must be more than three years, because three years is for the first line only, and the Syrians have not yet agreed."

Speaking to his cabinet, he said

that "our position is a slight" Israeli withdrawal initially on the Golan "without the dismantling of a single (Israeli) settlement, if possible." The three-year testing period, he added, should involve "full normalization in relations with Syria, including embassies."

Rabin was describing just part of a broader package deal that Israel presented to the Syrians several months ago through the Americans, two government spokesmen and an independent Israeli academic said.

That proposal was based on an Israeli military study that laid out a three-stage withdrawal from the Golan Heights without defining the final line of a full evacuation, according to Dore Gold, a specialist on Syrian-Israeli relations at Tel Aviv's Jaffee Center for Strategic Studies.

Government spokesman Uri Dromi said that in that package, Israel had sought a five-year "testing" period after its first pullback before retreating further.

Allied Presence in Berlin Ends With Torchlight Parade

LOS ANGELES TIMES

BERLIN

With concerts, speeches and a torchlit military parade through the richly symbolic Brandenburg Gate, the people of Berlin said a long, ornate goodbye Thursday to the American, British and French troops who have occupied much of this city since the end of World War II.

The Western Allies came as conquerors in the early summer of 1945, but came to be seen as vital protectors by Germans living outside the city areas administered by the Soviet Union. The departure of the Western soldiers Thursday was seen by many here as a closing of the final, triumphant chapter in the history of the Cold War.

The last Russian troops left one week ago.

"We thank our American, British and French friends," said German chancellor Helmut Kohl in one of many speeches made over the course of the day by Kohl, U.S. Secretary of State Warren Christopher, British Prime Minister John Major, and French Defense Minister Francois Leotard.

"We will always remember that it was the presence of your soldiers that made it possible to breathe freely in Berlin," said Kohl. "They paid for the freedom of Berlin, and thus for the freedom of the whole of Germany. For this, they deserve our lasting gratitude. Today, as you leave Berlin, we can definitely say: Freedom has won."

Quayle Calls for an End To Subsidizing Illegitimate Births

LOS ANGELES TIMES

SAN FRANCISCO

Former Vice President Dan Quayle, gearing up for a likely presidential run in 1996, returned Thursday to the scene of his attack on television character Murphy Brown to call for an end to government subsidies of illegitimate births.

Challenging both the traditional welfare system and new programs that put welfare mothers to work, Quayle called on government and society to make fathers more responsible for their children.

He also suggested providing public assistance through churches and synagogues as a way of ending what he calls "the poverty of values."

"Too often, fathers walk away from their children or, worse yet, they don't even know who their children are," he told the Commonwealth Club of California. "Raising a child is not just a mother's responsibility, it is a father's responsibility too."

Speaking before the same group two years ago, Quayle raised a storm of controversy when he criticized the fictional Murphy Brown for "mocking the importance of fathers by bearing a child alone."

Researcher Finds that Thumbs Enabled Prehumans to Use Tools

NEWSDAY

A new look at the fossil record suggests a facile, powerful thumb — not a big brain — is what allowed humanity's early ancestors to take up the use of tools, an anatomist reported Thursday.

Randall Susman, of the State University of New York at Stony Brook School of Medicine, said the fossil record shows at least two tool-making prehuman species (*Homo habilis* and *Paranthropus robustus*) existed at the same time in ancient Africa, but with very different brain sizes. What they had in common were human-like thumbs.

The findings suggest that tool use "is not related to brain size," Susman said. "Brain size doesn't tell you anything about whether the animal was a tool-maker or not." What is important is whether the creature was able to grasp and use tools with precision.

"Today's apes are power-graspers, and the very first hominids — *Australopithecus afarensis* — were also power-graspers, but not precision-graspers," he said. The oldest hominid known, 3.5-million-year-old *H. afarensis* (Lucy), was apparently not a tool-maker, and "there are no tools in the fossil record" at that time, Susman said.

The recent findings, Susman said, indicate that tools were likely to have been used by early hominids at about 2 million years ago.

His findings, published in *Science*, will probably be controversial; "there will be a lot of people who will take awhile to digest this. It goes against the traditional dogma," Susman said.

TOP TEN MOST BOGUS THINGS ON EARTH

10. The Donut Diet.
9. Cars that can talk.
8. "Do Not Remove Under Penalty Of Law" tags on mattresses.
7. Pop quiz on Monday following major weekend.
6. 1-900-DEBBY.
5. Lawn flamingos.
4. Imitation cheese.
3. Referee in Professional wrestling.
2. Did we mention the pop quiz?
1. Drugs.

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Leadership Excellence Starts Here

OPINION

Dining Halls Should Be Mandatory for All

Column by Raajnish A. Chitaley
COLUMNIST

MIT has never been much of an average college. As much as President Charles M. Vest might yearn, we don't have a 105,000 seat stadium, an extravagant homecoming week, or a vilified "Dean of Students" type character (not any more, that is) who cracks down on fraternity pranks. I will freely acknowledge that we can probably do without these staples of the American college experience. But one part of the average college experience that I sorely miss is the dining hall. MIT should make dinners in dining halls mandatory.

As of this year, Baker and Next House are the only dormitories with dining facilities; MacGregor's dining hall has since become a Kwik-e-Mart sans surpees. The transformation of the MacGregor dining hall destroyed any chance of eating regularly with people from my own entry and dormitory. Eating dinner together had become a ritual of sorts: going downstairs together, bantering over dinner, and hanging out well after we had finished eating. Half-stale strawberry shortcake and warm soda was an excuse for staying an extra half hour to determine the country of origin of our math TA, or discussing why people from the Midwest call soda, pop. In my mind, as much as MIT is unique, this is one part of the college experience we need.

Thankfully, the closing of the MacGregor dining hall does not mean that we never have the opportunity to eat together. Many people from my entry still eat together at Next or Baker dining hall. And we socialize in other ways, of course. But it's not quite the same. With a dining hall in the dorm, there were fewer excuses for not eating together. People didn't worry about having to trek to Next or missing a meeting or phone call. The dining hall was just a hop, skip, and jump away. Some may argue that Next is not all that further, but distance is not the point — the real issue is having a common gathering place within your own living group.

A bit of history about the dining hall mess. The dining hall controversy came to a boil in the spring of 1992, when MIT decided that it could no longer afford to subsidize the losses that dining halls incurred. People simply weren't eating in the dining halls. They complained about the poor food quality and high prices, and blamed ARA mismanagement for financial loss. You've heard this familiar refrain about college food. (A year later, the dining halls have closed and now people complain about Lobdell in the same way. Baker dining hall, now student-run, seems to be on the right track.)

The lack of demand for pressure-cooked turkey breast and powdered potatoes (just like Mom used to make) is one half of the vicious cycle. I heard Institute Professor Robert M. Solow tell a relevant anecdote about a small diner on a remote country road. The sign at the side of the road said "Last food for 25 miles; Eat here or we'll both starve." MIT can't improve the dining halls unless they can be managed profitably, and students won't make the dining halls profitable unless the food and prices improve.

But how can dorm residents be brought back into dining halls? I don't think they will. I think they will have to be forced. MIT will have to erase the institutional memory of students in dorms, and make eating dinner in the dining halls mandatory for anyone who lives in a dormitory. Perhaps dinner Sunday through Thursday is a good schedule. Only then will the dining halls have any chance to have enough demand to encourage students to eat there.

I know what many people might be thinking. Yes, the hours and food (e.g. for vegetarians) would have to be improved. Yes, financial aid changes would be necessitated. Yes, the physical facilities would have to be expanded. Yes, some schedules would be thrown out of kilter. And no, MIT and ARA have a checkered history of customer service. Although keeping the quality and service at high levels year after year is a legitimate concern, I think the benefits of dining halls far outweigh the costs.

Mandatory commons is not the product of a sour milk delusion. Eating together is an age old notion that goes far beyond MIT's little piece of academic history. (In point of fact, MIT has had a lunchroom/mess since MIT was located in the Rogers Building on Boylston Street.) Most independent living groups include board in their house bills, and most members, though not explicitly required, eat dinner at their ILG.

And after a few transition years, it will become part of our expectations to eat dinner together in the dorms. Eating with entry/floor and dormitory residents will give dorms character and unity, and will make people more open minded; at MacGregor, we argued about everything from abortion to the biology requirement. If people wonder why MIT students are accused of being unsociable and narrow-minded, I would point to the lack of dining halls as a large reason.

With more regular schedules, dining halls

will also give us another opportunity to welcome more faculty into our lives. Faculty, particularly those with connections to dorm residents and floors — they will know when many or most of the entry eats. They will feel more comfortable joining a regular meal versus the often awkward special meals that they are invited to now.

I imagine that only a few readers are probably thinking of more faculty involvement as a blessing. However, I believe that more faculty involvement in our living groups is essential to improving our quality of life. If they know how we live, maybe they will better understand the pace and pressure that we face every day.

It also makes good sense to force people to leave the lab or stop studying for the MCAT for an hour a day. And hopefully, longer dining hall hours would give us a chance to have a relaxing meal instead of a LaVerde's sub and Snapple in the Student Center elevator on the way to Athena. Mandatory commons should not be compared to a Dianetics session — in the end, it's just a bunch of friends eating dinner together every day.

The current dining hall situation makes my stomach churn. It's a tragedy that MIT has destroyed any hope of having truly common dining venue for at least the next few years if not longer. Making dining halls mandatory is one remedy for better digestion. Besides, what's a Kwik-e-Mart without Apu?



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Dissents, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4 p.m. two days before the date of publication.

Letters and cartoons must bear the author's signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

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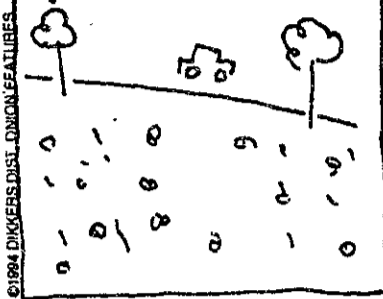
Jim's Journal

I looked out my window today and saw some dandelions.

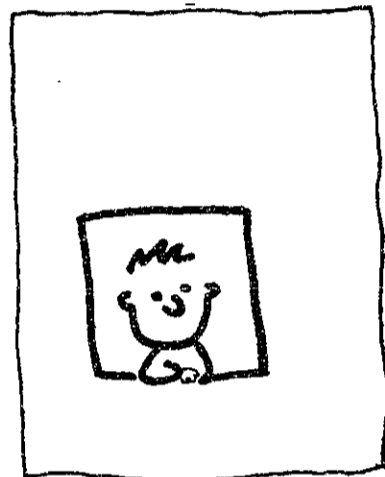


95

It seemed like there were twice as many as yesterday.



Then I let my eyes unfocus and there were twice as many again.



by Jim



What are your ideas?

Can government policy ensure America's energy future?

How can we get the most from our energy resources?

The U.S. Department of Energy invites you to share your opinions on these and other energy issues at a public meeting with the Deputy Secretary of Energy on Monday, September 12, 1994.

Location: Massachusetts Institute of Technology
Stratton Building Student Center
Room: Sala de Puerto Rico
84 Massachusetts Avenue

Time: 8:30 a.m. to 5:00 p.m.

Town Meeting begins at 8:45 a.m.

For questions regarding the public meeting or written submissions, please call the National Energy Policy Plan Public Information Line:
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THE ARTS

List art lottery is a great opportunity for students

STUDENT ART LOAN

List Visual Arts Center.
Through Sept. 20.
Lottery held Sept. 21.

Ann Ames
STAFF REPORTER

The List Visual Arts Center offers much of its collection for loan to MIT undergraduate and graduate students. These works went on display on Tuesday in the Hayden Gallery of the Center, where they will remain until Sept. 20. During that time,

all currently registered full-time students may browse the gallery and submit a registration card listing three ranked choices of pieces they would like to borrow for the school year. Student groups recognized by the Association of Student Activities and the Undergraduate Association may also apply for a loan. Loans will be awarded by lottery on Sept. 21, and all unchosen works will be distributed afterward on a first-come, first-served basis.

The Center's collection consists of over 300 signed prints, posters, and photographs by contemporary artists, including Miro, Warhol,

Wegman, Abbott, and many others. Ron Platt, assistant curator of the List Visual Arts Center, described "contemporary" as more a definition of style than of time period, though with few exceptions the artists represented in the collection are living. Pieces are chosen for their relation to modern social, political, and philosophical issues.

This does not mean that every work is steeped in grave and weighty "meaning"; some, such as a photo by Wegman, are plainly ridiculous. Though it may sound to the snobby ear a degradation of an important art

collection, there truly seems to be something for everyone. And even the silly may lead to the sublime. As Platt says, "Maybe somebody comes because they say, 'Oh, I need something for my wall,' but then they see what's here and start to think about it." Each piece carries a label on the back of its frame which describes the work, and additional information is available to anyone who asks for it.

The loan program began in 1966 with the

Loan, Page 7

The Mask succeeds with comic book formula, Carrey

THE MASK

Directed by Charles Russell.
Written by Mike Webb, based on a story by Michael Fallon and Mark Verheiden.
Starring Jim Carrey, Peter Riegert, Peter Greene, Amy Yasbeck, and Cameron Diaz.
Loews Cheri.

By Evelyn Kao

The movie industry, in its continual attempt to make money, sticks to certain formulas: *The Mask* is no exception to this rule. Following other summer movies like *The Crow* and *The Shadow*, *The Mask* brings a comic-book character, created by Mike Richardson, to life. It is also a vehicle for actor Jim Carrey (whose phenomenal success after *Ace Ventura: Pet Detective* continues to amaze), as it exploits his ability for weird facial expressions and his unabashed way of doing things that makes you almost embarrassed for him.

In *The Mask*, Carrey is Stanley Ipkiss, a mild-mannered nice guy prone to being stepped on and manipulated by more forceful, "meaner" characters. He works in a bank and lives with his dog, Milo. As the ads say, the most interesting thing about him are his pajamas. But through a series of misadventures, Ipkiss stumbles upon a mask that transforms

him into "The Mask" — an invincible manifestation of an ancient Norse god of mischief — a hero having the personality of an Ipkiss, but without any inhibitions.

From the moment when he first puts on the mask, the "real" Jim Carrey appears, whirling like a tornado to finally make his grand appearance as a green faced creature in a loud yellow suit. What more fitting character could there have been for Jim Carrey? With it, Carrey is allowed to exploit his talent, and with exuberant inhibition he flings himself from emulating Bugs Bunny to Dirty Harry. *The Mask* is a comic book creation, and Carrey's exaggerated facial movements and gesticulations are perfect for the role.

Industrial Light and Magic does

wonderful things with the special effects; *The Mask* actually zips across the screen, its eyes pop out in shock, its heart visibly beats, straining from his chest when in lust. This, combined with Jim Carrey's energy makes for a

magical, convincing performance as a cartoon-like superbeing.

Don't expect too much characterization or plot development outside of a standard comic-book formula. Ipkiss has many adventures, involving love interests (played by Cameron Diaz and Amy Yasbeck) and the main villain Dorian (Peter Greene), a small-time gangster who has his own plans for the mask. And of course, all hell breaks loose when the mask falls into the wrong hands.

Unfortunately, much of the surprise is absent since some of the best parts of the movie have already been revealed in previews and commercials. Nevertheless, fans of Carrey's zany persona will have a very enjoyable time.



A transformed Stanley Ipkiss (Jim Carrey) catches a glimpse of sexy lounge singer Tina Carlyle in *The Mask*.

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Sat 9:15-6:00

Art loan program began with Stratton collection

Loan, from Page 6

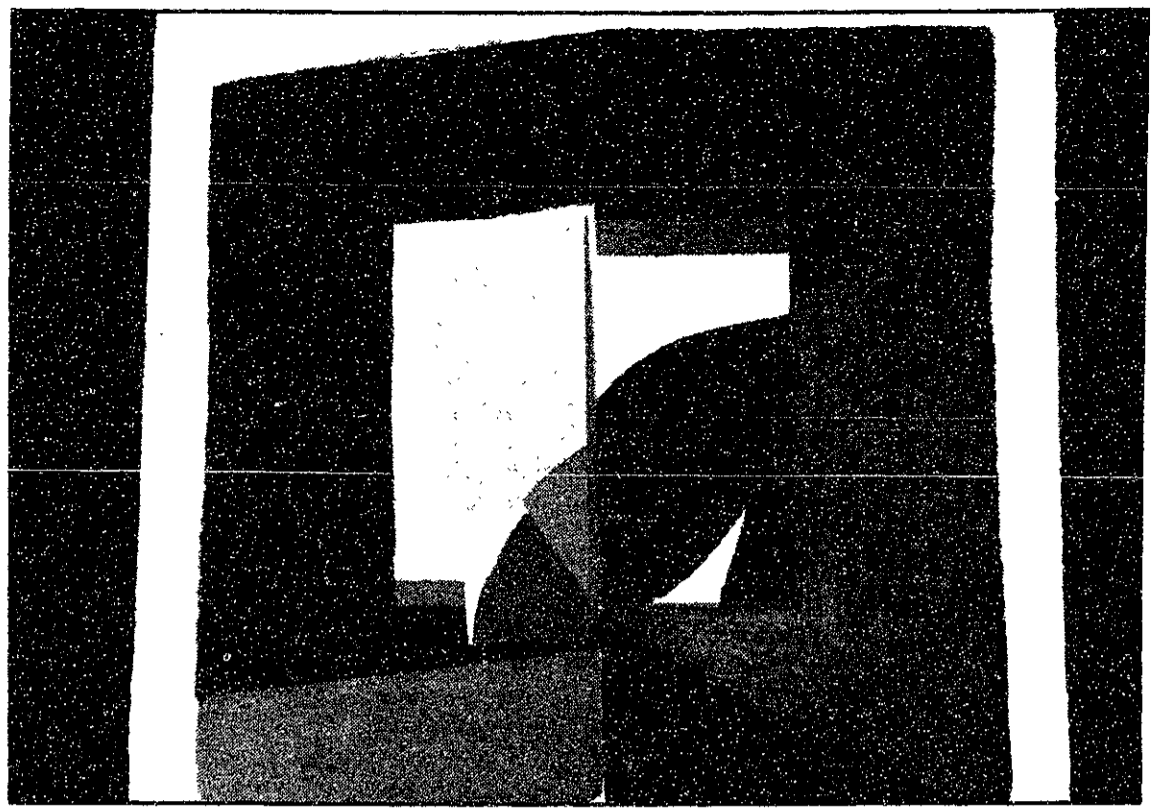
Catherine N. Stratton collection. After a hiatus in the early 1970s, the program was reinstated in 1977 when Vera List donated 100 posters to the collection. Since the mid-1980s the List Center, with additional support from the Student Activities Committee, has acquired several new pieces each year, bringing the collection's total to more than 300 artworks. New works are displayed for a year on the third floor of the Student Center, after which they take their places in the main collection and become available for loan.

The display is well worth a visit to the gallery, aside from the potential of receiving a work of art to hang in your room for the year. Although designed as a simple rectangular space, the room is set up for an upcoming exhibit, "Critical Mass," marking the fiftieth

anniversary of the detonation of the first atomic bomb. The temporary internal walls give some definition to what might otherwise be an onslaught of unrelated images, and enable a novelty that Platt refers to as "the '60s room," a sub-group of psychedelia that gets its own place within the larger main hall.

Apparently, the program is popular even outside of MIT. After delivering a talk recently at the Museum of Fine Arts, Platt was informed by two members of the audience that "our favorite show is the big print show in September." They asked him if the Center would do that show again this year. Fortunately for the students of MIT, it will.

For more information regarding the student art loan, call the List Visual Arts Center at 253-4400 or stop by the Hayden Gallery on the first floor of building E15.



Untitled, 1980, by Susan Crile. Silkscreen. One of over 300 works on loan from the List Visual Arts Center.

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ON THE SCREEN

— BY THE TECH ARTS STAFF —

- ★★★★: Excellent
- ★★★: Good
- ★★: Average
- ★: Poor

★★★★ Blade Runner: The Director's Cut

The classic film *Blade Runner* celebrates its 10th anniversary with the release of the film director Ridley Scott originally wanted to make — without the annoying voice-over and the upbeat ending. The result is a wonderful, Kubrickian film with a meditative mood and a soaring Vangelis score. Harrison Ford, Rutger Hauer, and Sean Young give career performances in an apocalyptic urban nightmare of the future that was and may still be years ahead of its time. Worth seeing over almost any "new" movie currently playing. *Brattle Theatre; Saturday, Sept. 10.*

★★½ The Crow

This action film casts the late Brandon Lee as Eric Draven, a deceased musician who returns from the grave to exact revenge on his tormentors. By way of avenging the rape and murder of his girlfriend (on Halloween), he can finally achieve peace. However, his mission encounters a series of obstacles, namely a young girl whom he seeks to rescue from the dangers of the city, and the sadistic urban overlord/villain who proves to be a defiant match for Draven's supernatural immortality. It's tempting to try to like this film (almost too tempting, in fact), as the message of redemption is a truly sentimental one, and Lee's performance is impassioned as a mock angel of death. It also has a dark, *Batman*-influenced edge to most of its Gothic visuals, which is fine. In the end, though, the violence is too excessive — even if it is expertly staged and exhilarating. Watching this film is emotionally draining, and although that may be a relief compared with the vacuousness of traditional summer movies, it's not a fun movie to watch. — Scott Deskin. *Brattle Theatre; Friday, Sept. 9*

through Saturday, Sept. 10.

★★★★ The Lion King

Disney's newest animated feature is amazing. The story — a lion cub runs away, fearing that he is responsible for his father's death — is simple enough for children to understand, yet still entertaining for adults. The animation is first-rate, including both computer and traditional hand-drawn graphics mixed to perfection. And, in the tradition of *Aladdin*, *Beauty & the Beast*, and *The Little Mermaid*, the music is superb. Finally, the characters of *The Lion King* are some of the most memorable of all the recent Disney creatures. All-in-all this is one of the best Disney films. *Loews Copley Place.*

★★★ Maverick

Mel Gibson and Jodie Foster star as poker players trying to raise the \$25,000 entry fee for "the poker game of the century." *Maverick* features good bad-guys, bad good-guys, smart women and avoids all the typical stereotypes of westerns. It's a "politically correct" western that fits easily in the genre of western. Director Richard Donner masterfully keeps the plot one step in front of the audience, creating an unpredictable, hilarious, and thoroughly enjoyable non-standard western. *LSC Saturday.*

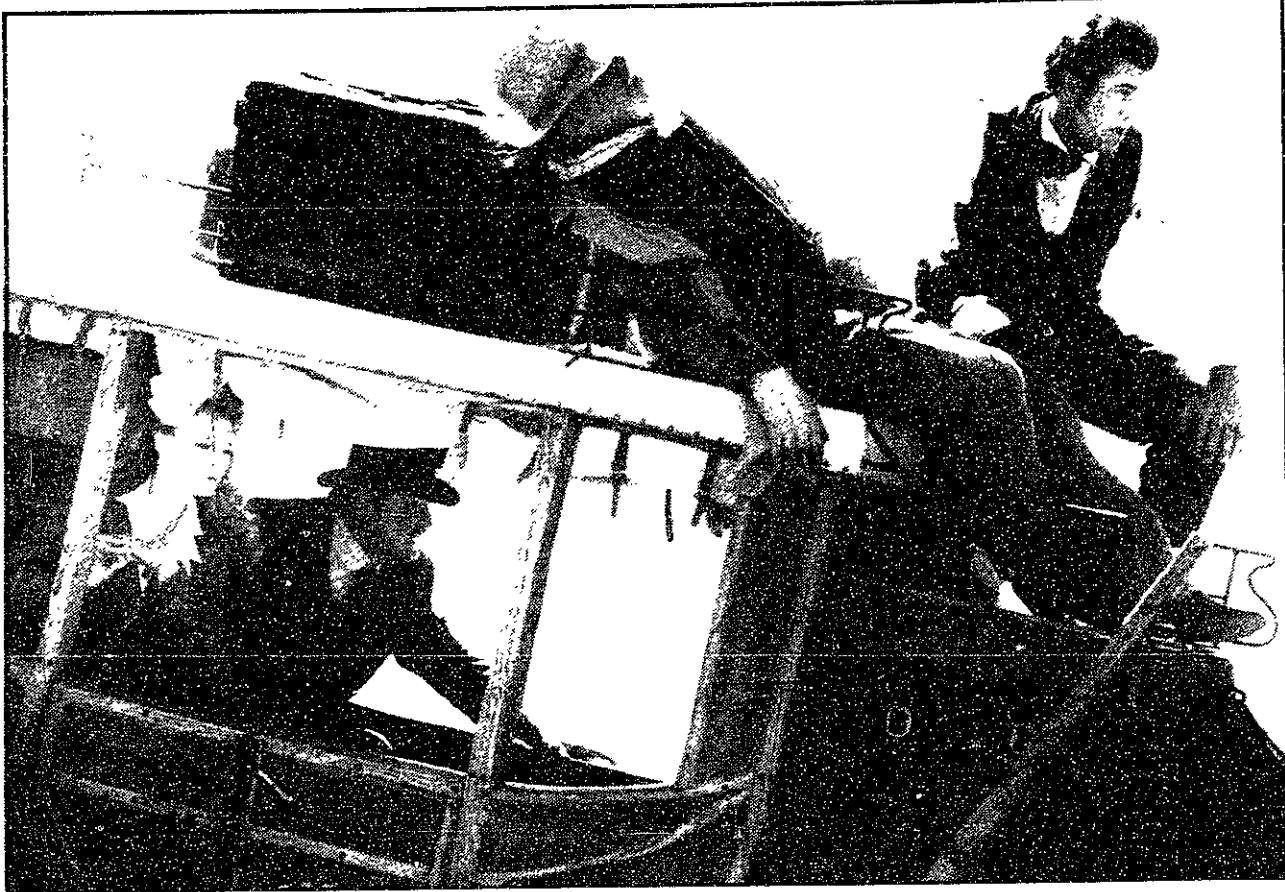
★★★ Natural Born Killers

Oliver Stone's latest film focuses on a marauding couple (Woody Harrelson and Juliette Lewis) whose sensational mass-killing

spree catapults them into the national spotlight. Their lives are consequently exploited by a TV tabloid journalist (Robert Downey Jr.), a sadistic cop (Tom Sizemore), and a somewhat dimwitted prison warden (Tommy Lee Jones). All elements of justice and the media machine are represented as cartoonish caricatures, which degenerate as the film goes on: the main problem is the director's somewhat hypocritical attitude that fails to recognize that he is part of that same machine. The main attractions in the film are the hyperkinetic performances of the cast members, the excessive violence, and the bizarre, rapid-fire editing of picture and sound — all of which Stone executes brilliantly. By the end of the film, audiences will either revel its visual audacity or deplore its apparent lack of message. — SD. *Loews Cheri.*

★★½ True Lies

Arnold Schwarzenegger's latest action-adventure-comedy casts him as Harry Tasker, a top-secret government agent who hides his real identity from his wife, Helen (Jamie Lee Curtis), who thinks he is a computer salesman. That premise is no less believable than any of the other plot twists, which primarily involve the efforts of Middle Eastern terrorist of the "Crimson Jihad" (Art Malik) to hold America hostage with some nuclear warheads. The special effects are pretty impressive, considering the seamlessness of the final product — including some nifty scenes with Harrier jets and exploding bridges — which seems to be a direct counterpoint to the exotic morphing effects of director James Cameron's last effort, *Terminator 2*. But most of the movie drags between its main action sequences, especially some dumb plot involving an affair between Helen and Simon (Bill Paxton), a man pretending to be a spy. The film is partially redeemed by the easygoing performance of Tom Arnold as Harry's sidekick, but most of the performances seem forced. — SD. *Loews Cinema 57.*



Brett Maverick (Mel Gibson) attempts to stop a runaway stagecoach's stampeding horses as Annabell Bradford (Jodie Foster) and Zane Cooper (James Garner) hang on inside the coach in *Maverick*.

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Next deadline: Wednesday, September 14.

The Grants Program of the Council for the Arts was established to support extracurricular arts projects at MIT. All currently registered students, staff and faculty of MIT are eligible to apply for funding. Projects should be geared primarily toward the involvement of the MIT community.

Call 253-2372 for information, or drop by the Office of the Arts (E15-205) to pick up Grants Guidelines and application forms.

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Prof. Robin Kilson SP423J M/W 3:30-5

VIOLENCE AGAINST WOMEN IN CONTEMPORARY U.S. SOCIETY

Prof. Ann Russo SP406 M/W 2-3:30

COURTSHIP THEMES IN ROMANCE LITERATURE

Prof. Margery Resnick SP434J T/R 3:30-5

MYTHS OF GENDER: MASCULINITY

Prof. Henry Jenkins SP440 T/R 2-5

NOTE: This course was left out of the Reg. Book, but you can still register for it!

GENDER AND SOCIETY:

A COMPARATIVE PERSPECTIVE

Prof. Barbara Worley SP455J T/R 11-12:30

For more information, contact
MIT Women's Studies, 14E-316, x3-8844

Classical Music

MIT Concert Recital

Killian Hall, 160 Memorial Dr. Sept. 9, 8 p.m. Free admission. Information: 253-0095, or e-mail marrin@media.mit.edu. Violinist Teresa Marrin (graduate student at the Media Laboratory) and Joann Robin will present a program of works by Handel, Beethoven, Schubert, Kreisler, and Amy Beach.

Longy School of Music: SeptemberFest '94

All performances are held at the Edward Pickman Concert Hall, 27 Garden St., Cambridge. Free admission. Information: 876-0956.

Gala Opening Concerts: Longy Artists Ensemble

Sept. 9-10, 8 p.m. Longy's artist faculty opens SeptemberFest '94 with a program of instrumental and vocal masterworks. Program includes Mozart, Liszt, Lutoslawski, and Brahms.

Family Concert

Sept. 11, 3 p.m. "Curious George Goes to Music School." Back by popular demand, this presentation is produced by the Longy Dalcroze Department faculty and students in an original story of America's most famous monkey fully staged production with acting, dancing, music, and costumes.

All Newton Music School

321 Chestnut St., West Newton. Sept. 11, 4 p.m. Admission: \$15; \$10 for students/seniors. Information: 527-4553. "Music in the Mansion." Laura Park, violin; and Frank Corliss, piano.

Jazz

Longy School of Music: An Evening of Big Band Jazz

Edward Pickman Concert Hall, 27 Garden St., Cambridge. Free admission. Information: 876-0956. Vocalist Semanya McCord joins Longy's 17-piece Jazz Ensemble for an evening of big band music from Count Basie, Duke Ellington, and others. Part of Longy's SeptemberFest '94.

World Music

The 17th Cambridge River Festival

Cambridge side of the Charles River, between JFK Street and Western Avenue. Sept. 10, 12 noon-6 p.m. Free admission. Information: 349-4380. Attractions for this free-form festival of music includes groups performing on the Weeks Footbridge Stage and the Weld Boathouse Stage. Musical genres include reggae, blues, jazz, Afro-Cuban, Brazilian Samba, Zairean Soukous, country and western, and folk.

The Family Singers

MIT Student Center. Sept. 14, 1:30 p.m. Free and open to the public. Information: 329-2024. The Family Singers, a musical group that sings at schools and institutions around the world, comes to MIT to give a free performance. They have performed in dozens of countries and give their audiences a positive spiritual message.

Film

Brattle Theatre

40 Brattle St., Harvard Square, Cambridge. Admission: \$6 for all shows; \$4 for Brattle members; \$3 for seniors/children under 12. Information: 876-6837.

Special Engagements. Sept. 9:

The Crow (1994); 4, 8 p.m. *Enter the Dragon* (Robert Clouse, 1973); 6, 10 p.m. Sept. 10: *The Crow*; 3:30, 8 p.m.; *Blade Runner* (Ridley Scott, 1982); 1:15, 5:40, 10 p.m. **Directed by Stanley Kubrick.** Sept. 11: *Lolita* (Stanley Kubrick, 1962); 1, 4, 7, 9:45 p.m.

Watching the Detectives. Sept. 12:

The Big Sleep (Howard Hawks, 1946); 3:30, 7:45 p.m. *The Maltese Falcon* (John Huston, 1941); 1:30, 5:45, 9:50 p.m.

Beat It! Sept. 13: What Happened to Kerouac?

(Richard Lerner and Lewis MacAdams, 1985); 7:45, 9:30 p.m. **More Recent Raves.** Sept. 14: *The Blue Kite* (Tian Zhuangzhuang, 1993); 4:30, 7:15, 9:45 p.m. **Reflections on German Cinema.** Sept. 15:

Metropolis (Fritz Lang, 1926); 3:30, 7:45 p.m. *M* (Fritz Lang, 1931); 5:45, 9:55 p.m.

Museum of Fine Arts

465 Huntington Ave., Boston. All films screened in Remis Auditori-

On The Town

A weekly guide to the arts in Boston
September 9 - 15
Compiled by Scott Deskin

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

um. Unless otherwise noted, admission is \$6.50, \$5.50 for MFA members/students/seniors. Information: 267-9300.

Premiere Engagements. *Talk 19* (Janis Lundman and Adrienne Mitchell, 1993): Sept. 9, 5:30 p.m.; Sept. 10, 2:15 p.m.; Sept. 14, 9 p.m. *Frosh* (Daniel Geller and Dayna Goldfine, 1993): Sept. 9, 8:15 p.m.; Sept. 10, 3:15 p.m.; Sept. 11, 11:30 a.m.; Sept. 14, 5:15 p.m. **Back by Popular Demand.** *Twitch and Shout* (Laurie Chiten, 1994): Sept. 9, 6:30 p.m.; Sept. 10, 10:30 a.m. *Talk 16* (Lundman and Mitchell, 1994): Sept. 7, 5:15 p.m.; Sept. 10, 12 noon; Sept. 14, 7 p.m. **Film Photographers.** *Strand: Under the Dark Cloth* (John Walker, 1990): Sept. 15, 5 p.m.; Sept. 17, 1 p.m. **Opera on Film.** *Tales of Hoffmann* (Michael Powell and Emeric Pressburger, 1951): Sept. 11, 2:45 p.m. **Early Ozu Films.** *The Chorus of Tokyo* (Yasujiro Ozu, 1931, silent); Sept. 15, 6:30 p.m. *Woman of Tokyo* (Ozu, 1933, silent); Sept. 15, 8 p.m.

2124. Internationally-acclaimed performer, AIDS activist, and leader of the new Queer Arts Movement Tim Miller brings forth a new show about the universal value of gay culture. His new show recounts his lustful adventures as a carpenter in the early '80s and the impact of AIDS on sexuality in the decade to follow.

Ongoing Theater

"Picasso at the Lapin Agile"

Hasty Pudding Theatre, 12 Holyoke St., Cambridge. Through Sept. 17: Tue.-Sat., 8 p.m.; Sun., 2 p.m. Admission: \$18-36. Information: 547-8300. Return engagement: first full-length play by Steve Martin (*Roxanne, L.A. Story*), about a fictional meeting between the young artist Pablo Picasso and the young scientist Albert Einstein, before fame consumed them, along with other historical figures and a surprise visitor from the future.

"Assassins"

MIT Musical Theatre Guild, Kresge Little Theatre, 84 Mass. Ave. Through Sept. 10: all shows, 8 p.m. Admission: \$9, general; \$8, MIT community/seniors/students; \$6, MIT/Wellesley students. Information: 253-6294. Presentation of Stephen Sondheim's musical look at history's most renowned assassins.

Dance

Dance Collective of Boston

Bartlett Mall, Route 1A, Newburyport. Sept. 10, 4 p.m. (Rain date: Sept. 11). Free Admission. Information: 576-2737. The 10 dancers of the Boston Dance Collective continue their open park performances, and they will bring their piece "Dancing in the Park" for an informal, picnic-friendly

event. The park itself is transformed into a series of performance areas that surround the audience, using trees and lawns as spacious sets and props.

Federal Reserve Bank of Boston, Midday Performance Series

Bank Auditorium, 600 Atlantic Ave., Boston. Sept. 15 & 22, 12:30 p.m. Free admission. Information: 973-3453. Sept. 15: MASSABDA's Argentine Tango Dancing. Sept. 22: MASSABDA's Ballroom Dancing.

Comedy

U.S. Improvisational Theatre League

The Lyric Stage, 140 Clarendon St., Copley Square (across from the Hard Rock Cafe), Boston. Sept. 9-10 & 16-17, 8 p.m. Admission: \$10; \$5 for students. Information: 864-1344. Competitive improvisational theatre, in which two teams of performers try to out-act each other with scenes created on-the-spot over three periods: the audience decides the final outcome.

ImprovBoston

Back Alley Theater, 1253 Cambridge St., Cambridge. Ongoing: Fri.-Sat., 8 p.m.; Sat., 10:30 p.m. Admission: \$10; \$5 with college I.D. Information: 641-1710. The area's longest-standing improvisational comedy group (12 years old) continues with a new season, composed of funny, energetic, creative performers who create scenes, dialogue, and characters on the spot, based entirely on audience suggestions.

Lectures

Racism Defined

Women's Theological Center, 140 Clarendon St., Boston. Sept. 12,

6:30-8:30 p.m. Information: 536-8782. Support group for anti-racist white women.

Blanche Among the Talented Tenth

New Words Bookstore, 186 Hampshire St., Cambridge. Sept. 13, 6 & 7:30 p.m. Tickets required. Information: 876-5310. Barbara Neely reads from the much-awaited second mystery featuring black domestic extraordinaire, Blanche White. Co-sponsored by the Women's Theological Center.

Exhibits

MIT Museum

265 Massachusetts Ave. Tue.-Fri., 9 a.m.-5 p.m.; Sat.-Sun., 1-5 p.m. Free to members of the MIT community, seniors, and children under 12. For all others there is a requested donation of \$2. Information: 253-4444.

"Holography: Artists and Inventors." The Museum of Holography Moves to MIT.

"Crazy After Calculus: Humor at MIT." The history of MIT "hacks." "Doc Edgerton: Stopping Time." Photographs, instruments and memorabilia documenting the invention and use of the strobe light by the late Harold E. Edgerton ScD '27.

"Light Sculptures by Bill Parker '74." Vivid interactive light sculptures, each with its own personality and set of moods.

"Math in 3D: Geometric Sculptures by Morton G. Bradley Jr." Colorful revolving sculptures based on mathematical formulae. "MathSpace." Hands-on exploration of geometry is the theme as visitors tinker with math playthings. Ongoing.

"The Center for Advanced Visual Studies: 25 Years." Curated by Otto Piene, professor emeritus and past director of the CAVS, the installation will showcase the work of 25 former fellows. Videos, a catalogue, and a CD-ROM presentation will incorporate works by all the former fellows of CAVS. Through Oct. 2.

Compton Gallery

Through Oct. 2. Information: 253-4444.

"Charles H. Woodbury, Class of 1886: Artist." Exhibition of the paintings of one of the premiere American impressionists, who was also an MIT mechanical engineering graduate.

Strobe Alley

Ongoing. Information: 253-4444.

"Optical Alchemy." Full-color fluorescent photographs of corals and anemones by Charles H. Mazel SM '76, a research engineer in the Department of Ocean Engineering, taken at night during underwater dives. Matched pairs of images offer a comparison between the subject under "normal" reflected-light photography and under illumination with ultraviolet light.

Hart Nautical Gallery

55 Massachusetts Ave. Ongoing.

"Course 13, 1893-1993: From Naval Architecture to Ocean Engineering." Exhibition includes historic photos, models, and computer graphics and highlights a sampling of current research including that performed by the department for Bill Koch's '62 successful America's Cup campaign with America³.

List Visual Arts Center

20 Ames St. Hours: Tue., Thu., and Fri., 12 noon-6 p.m.; Wed., 12 noon-8 p.m.; Sat.-Sun., 1-5 p.m. Information: 253-4680. Through Sept. 21: "Annual Student Loan Art Exhibition." An annual exhibition featuring over

300 framed contemporary prints and photographs from MIT's permanent collections. Through the List Visual Arts Center's unique Student Loan Program, the original signed prints, artist-designed posters, and photographs will all find homes in the dormitories and work spaces of MIT students at the close of the exhibition. Works include those by 20th century artists Berenice Abbott, Alexander Calder, Jasper Johns, Robert Motherwell, and Andy Warhol. Lottery held Sept. 21.

Davis Museum and Cultural Center

Wellesley College, 106 Central St., Wellesley. Hours: Tue., Fri., and Sat., 11 a.m.-5 p.m.; Wed.-Thu., 11 a.m.-8 p.m.; Sun., 1-5 p.m.; closed Mon. Free admission. Information: 283-2051. Sept. 9-Dec. 18: "Bodies and Boundaries, 1500-1800: Works from Wellesley Collections."

The Computer Museum

300 Congress St., Boston. Hours: 10 a.m.-6 p.m., daily; starting Sept. 6 - Tue.-Sun., 10 a.m.-5 p.m. (closed Mondays). Admission: \$7, \$5 for students/seniors, free for members and children four and under; half-price, Sun. 3-5 p.m. Information: 423-6758 or 426-2800 x310.

"Robots & Other Smart Machines." See how "smart" robots and computers are in this exhibit focusing on artificial intelligence and robotics. Over 25 hands-on computer stations illustrate advances in creativity, games, problem-solving, and communication, including a chance to meet Robot-in-Residence "R2-D2" from the *Star Wars* movies. Ongoing.

"Tools & Toys: The Amazing Personal Computer." Over 35 interactive stations illustrating many leading-edge applications enable you to experience virtual reality, pilot your own DC-10 flight simulator, record music, and do much more. Ongoing.

"The Walk-Through Computer." The world's largest and only two-story model of a personal computer allows you to climb on a giant mouse, operate a larger-than-life keyboard, and watch the actual flow of information within the machine. Ongoing.

"People and Computers: Milestones of a Revolution." Travel back through computing history via "time tunnels" and trace today's personal computers back to their giant ancestors of the 1940s and 1950s, with the help of touch-screen video displays and interactive computing stations. Ongoing.

French Library and Cultural Center

53 Marlborough St., Boston. Hours: Tue., noon-8 p.m.; Wed.-Thu., 10 a.m.-8 p.m.; Fri.-Sat., 10 a.m.-5 p.m.; closed Mon. Information: 266-4351. Through Sept. 29: Landscape paintings by contemporary impressionist Maurice Lemaire.

Museum of Fine Arts

465 Huntington Ave., Boston. Information: 267-9300.

"Wright Morris: Origin of a Species." Photographer Wright Morris carried out his work on extended cross-country trips from the late 1930s to the 1950s. His pictures explore the range and subtlety of life in rural and small-town America, a recurrent theme in his work. Through Oct. 16.

"Weston's Westons: California and the West." Edward Weston, the first American photographer to win a Guggenheim Foundation Fellowship, pursued what he called "an epic series of photographs of the West." This exhibition includes 120 photographs from his travels in the western United States. Through Oct. 23.

"Sol Lewitt." A Connecticut native, Sol Lewitt is a landmark figure in the Minimalist art movement. Two hundred drawings and watercolors from various collections will be included in this retrospective, ranging from the 1950s to the present. Through Nov. 20.

"Grand Illusions: Four Centuries of Still Life Painting." Selections from the MFA's permanent collection, augmented by works on loan from friends of the Museum, trace the origins, emergences, and full flowering of the still life genre. Dutch and Italian masters, Renoir, Gauguin, Millet, Maurice Prendergast, and Stuart Davis will be represented. Sept. 14 through Jan. 1, 1995.

Definitive New Art Gallery

286 A Bradford St., Provincetown. Hours: noon-10 p.m. daily, or by appointment. Information: (508) 487-7700. Through Sept. 9: "Water Sculpture." by Rebecca Johnson; Recent paintings and constructions, by Nick Lawrence; Recent paintings and prints, by Portia Munson; and "Blessed Virgin Rubber Company - Immaculate Protection," by Jay Critchley

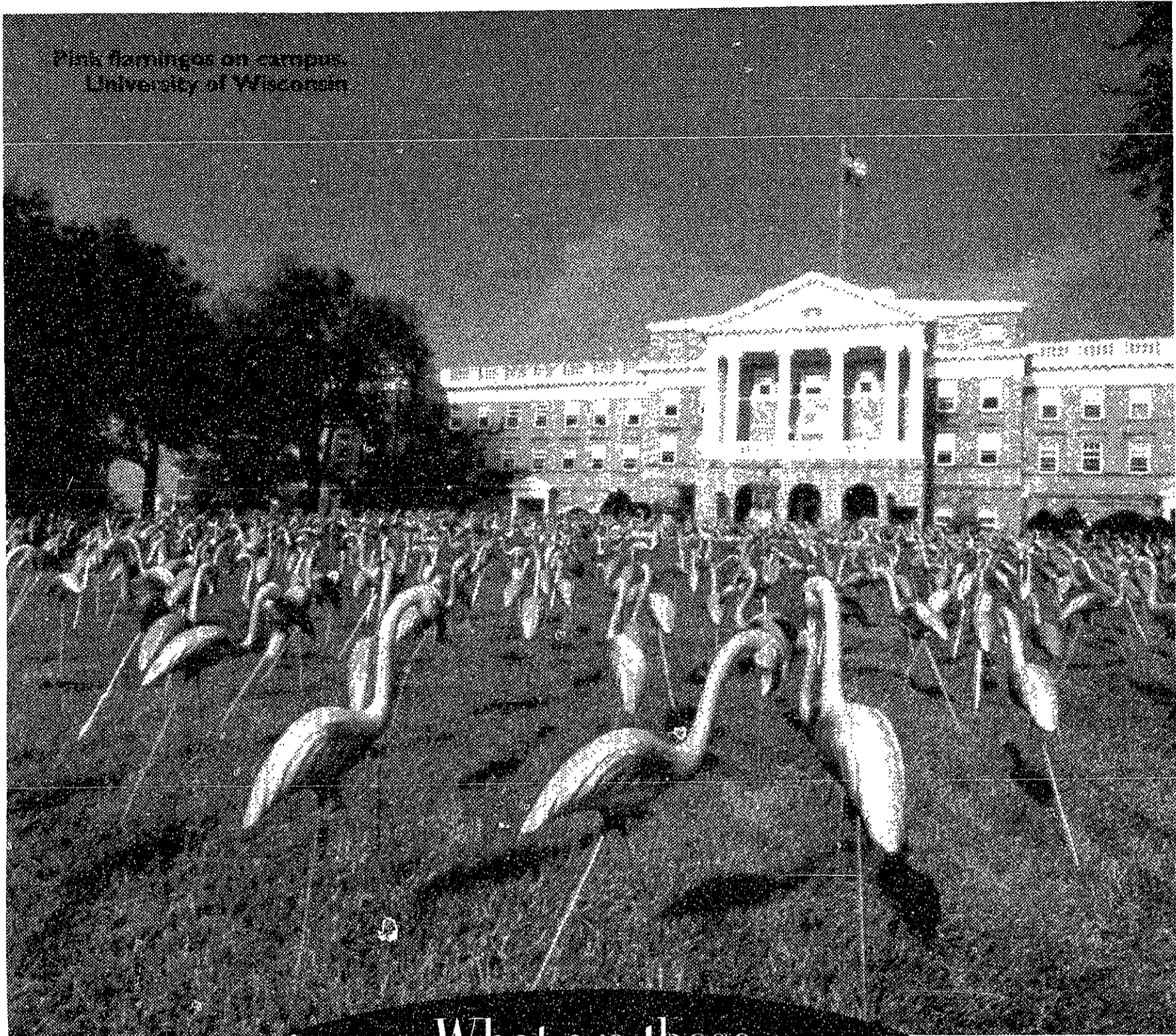


Roz Lyons' Supplication, made with pit-fired Raku, is one of the pieces to be on display at the Newton Free Library for "Traces of the Past: Images on Clay" running Sept. 2-29.

WHEN STUDENTS AT THE UNIVERSITY OF WISCONSIN WENT TO CLASS ONE

COURTESY OF THE PAUL AND SHOVEL PARTY, THE LEGENDARY STUDENT POLITICAL GROUP DEDICATED TO ALL THINGS SILLY.

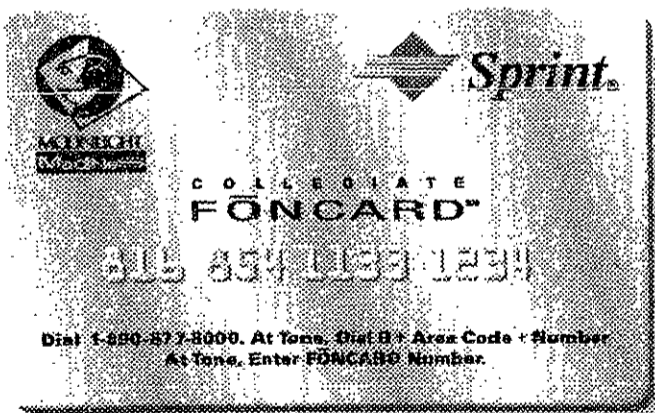
MORNING, THEY WERE GREETED BY A SPECTACULAR SIGHT: OVER A THOUSAND PINK FLAMINGOS LOUNGING ON THE LAWN OF



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BASCOM HILL. IT WAS ANOTHER VERY ELABORATE, VERY EXPENSIVE PRANK.

On The Town, from Page 9

with Peter Edlund. Through Sept. 23: Recent constructions by Mary Behrens; Recent paintings by Jeff Hull; Recent sculpture by Pedro Pereyra; and Installation and photographs by Roy Staab. Reception held for the latter events on Friday, Sept. 9, 7-9 p.m.

School of the Museum of Fine Arts

Grossman Gallery, 230 The Fenway, Boston. Hours: Tue., Fri. and Sat., 10 a.m.-5 p.m.; Wed.-Thu., 10 a.m.-8 p.m.; Sun., 1-5 p.m.; closed Mon. and holidays. Information: 267-6100 x718. Through Sept. 14: "Visiting Faculty Exhibition 1994."

The Newton Free Library

330 Homer St., Newton. Hours: Mon.-Thu., 10 a.m.-9 p.m.; Fri., 10 a.m.-6 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 1-4 p.m. Information: 552-7145. Through Sept. 29: "Traces of the Past: Images on Clay," by Roz Lyons and Pao-Fei Yang; fired-glazed stoneware paintings. Also through Sept. 29:

"Intimate Images of Newton," an exhibit of photographs by Eric Myrvaagnes. Reception held Sept. 22, 7:30-9 p.m.

Federal Reserve Bank of Boston Gallery

600 Atlantic Ave., Boston (across from South Station). Hours: Mon.-Fri., 10 a.m.-4 p.m. Information: 973-3453. Through Oct. 21: Exhibition by the New England Sculptors Association, with works by 60 sculptors.

Isabella Stewart Gardner Museum

280 The Fenway, Boston. Open Tue-Sun, 11 a.m.-5 p.m. Admission: \$6, \$5 for students/seniors, \$3 youths (ages 12-17), free for members and children under 12; Wed, \$3 for students with current ID. Information: 566-1401.

The museum, itself an example of 15th-century Venetian palaces, houses more than two thousand arts objects, including works by Rembrandt, Botticelli, Raphael, Titian, and Matisse. Ongoing, "Art's Lament: Creativity in the Face of Death." An exhibit exploring artists' responses to plagues, including the bubonic plague and its

On The Town

recurrent history of attack in Europe, as well as highlighting the parallels between that plague and today's epidemic of AIDS. Among the 19 artists with works on view are Botticelli, Durer, Tiepolo, William Blake, Edward Munch, Robert Mapplethorpe, Robert Farber, and Keith Haring. Sept. 9-Oct. 23.

Museum of Our National Heritage

33 Marrett Rd., Lexington. Admission and parking for the Museum of Our National Heritage is free. Hours: Mon.-Sat., 10 a.m.-5 p.m.; Sun., noon-5 p.m. Information: 861-6559.

"From Sea to Shining Sea." For three years, renowned Magnum photographer Hiroji Kubota traveled throughout the United States documenting this country's land-

scape and her people. Approximately 80 photographs will be on view in this exhibition organized by the International Center of Photography. Through Sept. 25.

"Shaken Not Stirred: Cocktails Shakers and Design." A variety of cocktail shakers from 1920 to 1960 are presented from the private collection of Stephen Visakay. Approximately 100 cocktail shakers will illustrate aspects of industrial design in 20th-century American decorative arts. Through Oct. 30.

"By a Fine Hand: Quilts from the SPNEA Collection." This exhibition, comprised of 30 splendid quilts from the collections of the Society for the Preservation of New England Antiquities, represents the talent and social cli-

mates of 18th, 19th, and early 20th-century New England quilt-makers. Through Dec. 4.

"Posters of Protest: Selections from the Haskell Collection." Lexington resident and attorney Mary Haskell provides several examples of contemporary graphic art from her collection, dealing with various social issues of importance from the 1960s and early 1970s. Through Jan. 8, 1995.

"The Flag in American Indian Art." This exhibition celebrates the creativity, sense of design, and highly-skilled craftsmanship of American Indian cultures. The 125 objects date from 1880 to the 1920s, represent Native American tribes from across the country, and use the American flag as a decorative element. The exhibition is drawn from the collection of the New York State Historical Association. Through Feb. 5, 1995.

"Let It Begin Here: Lexington and the Revolution." Explore the causes and the consequences of the American War for Independence as seen through the eyes of typical New England men and women. The exhibit begins with an introductory audiovisual presentation

about the events on Lexington Green. Ongoing.

Announcements

Auditions for "The Mikado"

MIT Gilbert and Sullivan Players are auditioning for their fall production. All those interested should bring a prepared vocal solo; accompanist provided. Auditions will be held on Sept. 9, 7-10 p.m., in Student Center Room 407. Information: 253-0190.

City-Wide Cut-A-Thon

Hair For a Reason, at Copley Square Park, Sept. 11 from 2-5 p.m. for the annual Hair Cares Cut-A-Thon, featuring over 100 award-winning hair stylists. For a \$15 donation to the Hair Cares Foundation, a non-profit organization that helps industry professionals with AIDS and HIV manage the expense of everyday living, patrons can get a new 'do and help make a difference. No appointments necessary; for more information, call 542-6363.

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R/O Week News in Review

The Tech focused on the events and activities of Residence and Orientation Week from Aug. 25 to Sept. 2. Several stories, however, dealt with issues of importance to the community at large. Those stories are reprinted here, in abbreviated form, for the benefit of community members who returned after R/O Week.

Picture Book Cover Stirs Controversy

At the last minute, President Charles M. Vest asked the Technology Community Association to stop

is asking a question: "What does 'intuitively obvious' mean?!"

"The concern about the picture was that the symbolism of a monkey type of creature has traditionally been used negatively in a racist manner in the United States to depict African Americans," said Susan D. Allen, assistant dean for residence and campus activities.

The TCA, a student-run and funded nonprofit organization, produces the Freshman Picture Books. Risa H. Wechsler '96, who helped to design the cover for TCA, said that there was no particular reason why the monkey was chosen.

President Vest stopped the distri-

Record Rush For Living Groups

A record number of freshmen accepted bids from fraternities and coed living groups this year, with 401 freshmen pledging by 2 p.m. on Sept. 1. The previous record was set last year when 380 freshmen pledged independent living groups, according to Clearinghouse Committee Chair Daniel J. Dunn '95.

"The weather cooperated, and people worked harder. I think overall it was an outstanding rush, but there's always going to be a couple of disappointed houses," said Neal

though now we know about all of them. We'll only press the ones where people" were angry, he said

Clay Appointed Associate Provost

Professor Phillip L. Clay PhD '75, head of the Department of Urban Studies and Planning, has been appointed associate provost effective Oct. 1. Clay will fill the position vacated by Sheila E. Widdall '60, who was sworn in as Secretary of the Air Force last August.

Announcing the appointment, Provost Mark S. Wrighton said that Clay will have responsibilities in promotion and tenure policies, academic integrity, faculty recruitment and retirement, and international education programs, according to an article in *Tech Talk*.

"First and foremost, this position requires someone who has significant experience as a faculty member," said President Charles M. Vest. Clay will be a "key link between the senior administration and the faculty," Vest said.

The new associate provost will also represent the provost on the Faculty Policy Committee and deal with issues of tenure policy and academic integrity, Vest said.

In June, Wrighton said that he and Vest were discussing the appointment of an associate provost with wide-ranging responsibilities to fill the positions vacated by Widdall and former Associate Provost for Institute Life Samuel J. Keyser.

More Women In Class of '98

Forty percent of this year's freshman class is female. It is the largest number of women ever admitted to MIT, according to Assistant Director of Admissions Zaragoza A. Guerra III.

The Admissions Office attributes this increase to a number of factors, including a new viewbook that focuses more on student life, a two-step application process, and a special letter sent to 1,200 prospective women applicants who scored well on the Scholastic Aptitude Test. These changes were made last fall when the Class of 1998 was applying to college.

Two other factors resulting in more women coming to MIT were higher attendance at the Campus Preview Weekend in April and an admissions video that has been out for about two years, Guerra said. There were about 50 to 75 more students than usual at the Campus Preview this past spring.

In the new viewbook that is mailed along with the application for admission, the Admissions Office attempted to "confront head-

on a lot of the stereotypes" that prospective students had of MIT, Guerra said. It focuses more on student life and answering concerns that applicants might have about MIT, Guerra said.

Dates Set In LaMacchia Case

Dates for a trial and for pre-trial motions were set for David M. LaMacchia '95 in the U.S. District Court in Boston on Aug. 29, according to U.S. Attorney's Office spokeswoman Joyce Allen. LaMacchia was indicted on a charge of conspiracy to commit wire fraud on April 7.

Prosecutors charge that LaMacchia used two workstations in the Student Center Athena cluster to "permit and facilitate, on an international scale, the illegal copying and distribution of copyrighted software," according to the indictment.

Using a server running on the two workstations, Internet users could exchange copyrighted software, like Microsoft Excel and Wordperfect.

The trial date was set for Nov. 28 at 9 a.m.

At the conference, a timetable was also set for considering motions by LaMacchia's defense to dismiss the case. Motions from the defense are due Sept. 30.

Prosecutors will have two weeks to respond to the defense motions, and the defense will have another week for a final response. Oral arguments on the motions will be heard in a public court session on Oct. 28, Allen said.

Food Services Undergo Changes

Changes to Lobdell Food Court, Pritchett Lounge, and Networks top a list of many improvements that MIT Food Services is preparing for the upcoming semester, according to Food Services Director Robert A. McBurney.

"We have two goals this year: increasing revenue through new operations and improved customer relations," McBurney said. As a result, Lobdell is undergoing several changes including the addition of D'Angelos Sandwich Shop and three more cash registers.

Lobdell will also offer Mediterranean Trade Winds, which will be serving Middle Eastern foods like falafels and hommous.

Pritchett is being completely redesigned to incorporate a 1950s motif and will be open for late night service during the weekdays. Pritchett will extend its hours to include

R/O Week, Page 13



THOMAS R. KARLO—THE TECH

A freshman is supported and passed around by her group during the Move Off Your Assumptions (MOYA) activity "Willow in the Wind."

distribution of its Freshman Picture Book because he felt its cover drawing of a monkey could be perceived as racist by African Americans. Publishing the books with new covers delayed their delivery until Aug. 30.

The original cover shows a monkey wearing glasses, dressed in a cap and a lab coat with a pocket protector, and holding a calculator. The monkey has one arm raised and

bution of the picture books with the original cover because the cover "could be misinterpreted as racially derogatory."

"Experiences on many campuses, including ours, clearly indicate such events have caused substantial anguish within the student body and community, despite the fact that no ill will was intended," Vest said.

H. Dorow, assistant dean and advisor to fraternities, sororities, and independent living groups.

Many ILGs met or exceeded their targets by Sept. 1: Alpha Delta Phi, Alpha Epsilon Pi, Alpha Tau Omega, Delta Kappa Epsilon, Delta Tau Delta, Delta Upsilon, Lambda Chi Alpha, Phi Beta Epsilon, Phi Sigma Kappa, Pika, Sigma Alpha Epsilon, Sigma Chi, Women's Independent Living Group, Zeta Beta Tau, and Zeta Psi.

The new Clearinghouse software helped keep track of freshmen, because the houses could input information using MITnet instead of calling it in over the phone, Dorow said. "It made rush less stressful for many rush chairs," he said.

The improved Clearinghouse system also brought more violations to light, said Dunn, who is also chair of the IFC judicial committee. "Clearinghouse enabled us to keep closer track of trip lengths. A lot of charges won't be pressed, even

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THOMAS R. KARLO—THE TECH

In the "Electric Fence" activity during Project MOYA, freshmen had to cooperate in order to get their group over a stretched line without touching it. Here a freshman is passed by his group over the fence.

R/O Week, from Page 12

weekend afternoons and evenings, McBurney said.

In order to cover more of the campus, two new food service locations will be open in the upcoming semester. The Biology Cafe will open in Building 68 and will have a similar selection to the Building 4 Coffee Shop, McBurney said.

The Refresher Course, a deli-style cafe in the Sloan Building (E52), will be supplemented by Refresher II, which will serve ready-made sandwiches on the third floor of Building E51.

Housing Lottery Goes to 2nd Round

Final results from this year's housing lottery show crowding levels that are both lower than expected for this year and lower than they were last year, according to Andrew M. Eisenmann '70, associate dean for residence and campus activities.

As of Sept. 2, the housing system was approximately 140 students over capacity, compared with 195 students at this time last year, Eisenmann said. Historically, the crowding numbers are "trending in the right direction," Eisenmann said, but the numbers are still larger than the RCA would prefer.

The new Alpha Chi Omega house and the annex to McCormick Hall took care of about 50 extra students, Eisenmann said.

Fifty-five new students were assigned to Senior House, compared to 47 last year. Senior House, which had in the past been a low housing choice for many students, was renovated over the summer, Eisenmann said. "My hope and my expectation is that it has been made more attractive to any student," he said.

Because of the lower level of crowding, no lounges in MacGregor House were converted into doubles and no Baker House triples were converted into quints, as in previous years, Eisenmann said.

The lottery, which was held using the Athena Computing Environment for the first time, seems to have alleviated problems that came up last year, Eisenmann said. Last year's freshmen had to wait in long lines to receive their dormitory assignments. Also, about 100 students had to wait for a second lottery, and 55 had to wait again for a third lottery last August.

Keyser No Longer Associate Provost

Professor of Linguistics Samuel Jay Keyser stepped down as associate provost for institute life on June 30 after holding this position for nine years. Keyser worked extensively with harassment policies, conflict resolution, and faculty and student relations.

Keyser was initially appointed associate provost for educational policies and programs in 1985. His title changed following President Charles M. Vest's inauguration in 1992, "when I became more concerned with issues having to do with quality of life and conflict resolution," Keyser said.

Keyser will return to being a professor in the Department of Linguistics and Philosophy, and will continue holding the Peter DeFlorez '38 Fund for Humor Professorship, which was created to encourage humor in the learning process. He will teach a graduate linguistics course in the spring.

"I worried about those parts of the Institute that came into conflict with one another," Keyser said of his job. To that end, he played a large part in the production of the "Dealing with Harassment at MIT" guide and organized training sessions for harassment complaint handlers.

While associate provost, Keyser instituted what he calls "random faculty dinners" eight years ago. Each month, he invites about 40 randomly chosen faculty members to a dinner in the Grier Room in



Tim Beaver, the MIT mascot, poses with a freshman during Project MOYA.

Building 34.

Keyser also worked to reinstitute the convocation given by the president to the freshman class during Residence and Orientation Week. While this and other achievements are not widely publicized, Keyser said that "there is no end to the good you can do provided you are willing not to take credit for it."

LSC Installs New Sound System

Patrons of Lecture Series Committee films will be treated to crisper, more realistic sound due to a major upgrade to the 26-100 sound system, according to Daniel J. Jablonski '96, chair for the LSC Booth Improvement Fund Committee.

The speaker upgrades and the new capability to process Dolby Stereo Surround and Spectral Recording will allow moviegoers to experience a wider range of frequencies than possible with the previous sound system.

"The major change will be that the sound will be much more balanced over the entire room," said Scott D. Centurino G, former chairman of LSC. "Pretty much anywhere in the room you will hear the sound in stereo. This will help a lot of the "fringe" seats as well as make the middle seats a lot better."

The old speakers in 26-100 were upgraded to Bose 502A speakers, and Bose Acoustic Wave Cannons replaced the old subwoofers, which are speakers designed to put out low

frequencies. A new sound processor that supports Spectral Recording and stereo surround sound was also installed.

R/O Heads Deal With Budget Cuts

Budget cuts in the Undergraduate Academic Affairs Office resulted in cutbacks to Residence and Orientation Week activities, according to UAA Staff Assistant for Student Programs Ida G. Faber.

Picnics, and other events where food was served, were cancelled this year to save money for more worthwhile activities, Faber said. But efforts were taken to maintain a level of excellence comparable to R/O Week last year.

"We were faced with this challenge to provide an R/O that was as successful as last year, if not more so" while saving money, Faber said. "What we tried to do was not to cut the events but to cut the inconsequential things, namely food."

As a result, events like the "Food, Frosh, and Fun" picnic in the barbecue pits and the "Academic Breakfast" outside Kresge Auditorium were cancelled, according to R/O week Logistics Manager Jonathan A. Allen '96.

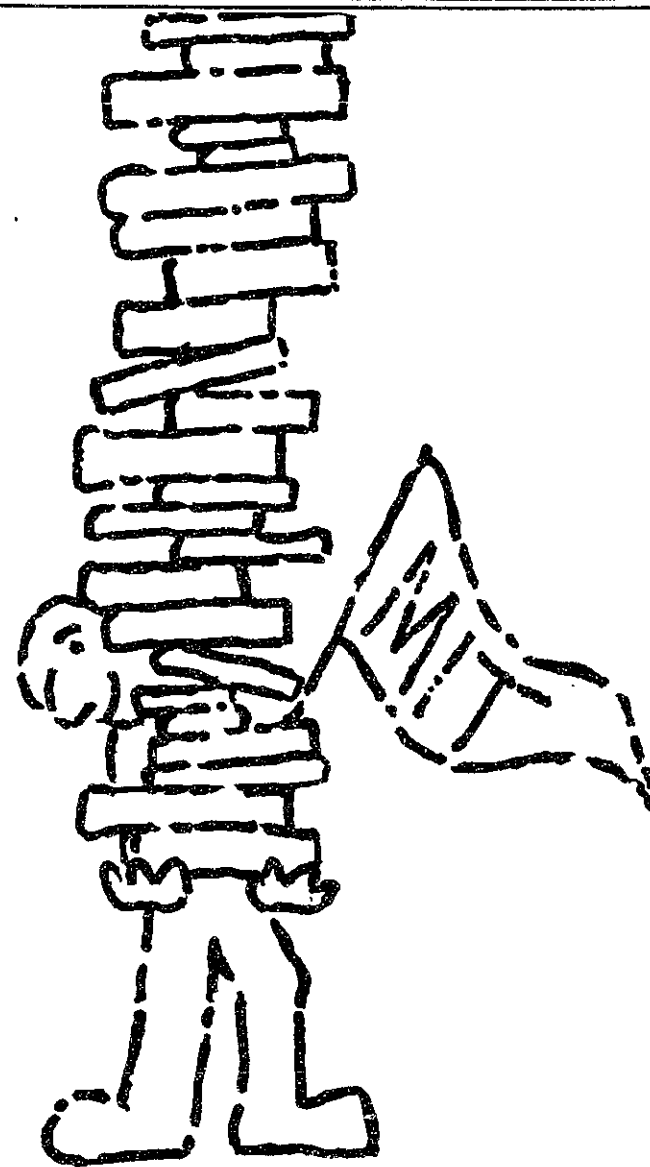
The "Freshmen Adviser/Meetings" event was changed from a freshman lunch to individual meetings between advisers and their group. Overall, cutbacks have saved the R/O Committee a little over \$20,000, Allen said.

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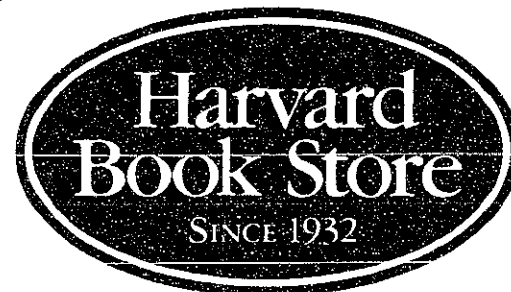


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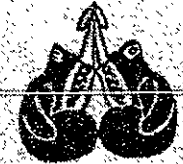
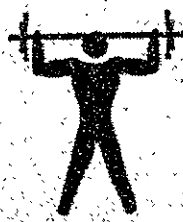
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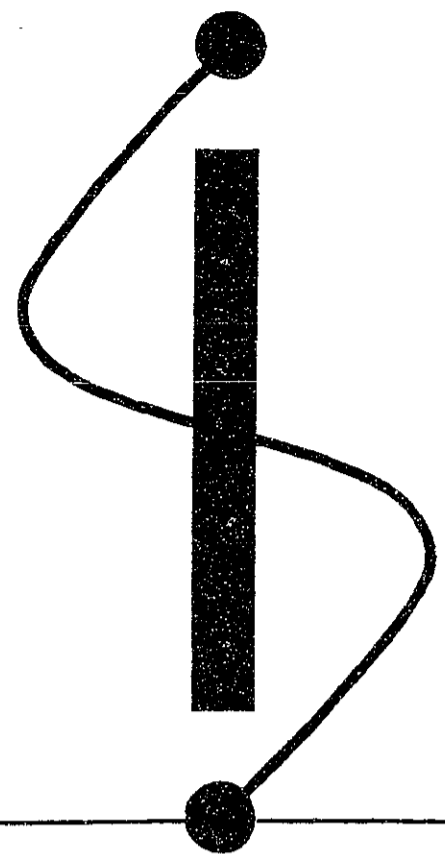
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During R/O week, you will see IS reps at various activities. Come to our Minicourses for an introduction to Athena. Contact the RCC in your dorm. Meet the consultants and ask your questions about buying computers, about Athena, and about MITnet. And don't forget to register for your Athena account today — you'll need it for the housing lottery.



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noon 7pm 8pm	Sept. 19 Advanced W.P.: LaTeX Advanced W.P.: LaTeX LaTeX Thesis	Sept. 20 Latex Thesis Serious Emacs Customization on Athena	Sept. 21 Intro to Athena MSO Maple	Sept. 22 Advanced W.P.: LaTeX Advanced W.P.: EZ Basic Word Processing
noon 7pm 8pm	Sept. 26 Working on Athena Intro to Athena Basic Word Processing	Sept. 27 Advanced W.P.: EZ Working on Athena Advanced W.P.: EZ	Sept. 28 Serious Emacs Advanced W.P.: LaTeX LaTeX Thesis	Sept. 29 Customization on Athena MSO Matlab
noon 7pm 8pm	Oct. 3 MSO Maple Xess	Oct. 4 Matlab Intro to Athena Basic Word Processing	Oct. 5 Xess Working on Athena Advanced W.P.: EZ	Oct. 6 Maple Advanced W.P.: LaTeX LaTeX Thesis
noon 7pm 8pm	Oct. 10 Holiday — No Classes	Oct. 11 Intro to Athena Intro to Athena Basic Word Processing	Oct. 12 Basic Word Processing Working on Athena Advanced W.P.: LaTeX	Oct. 13 Information Resources on Athena Information Resources on Athena Dotfiles

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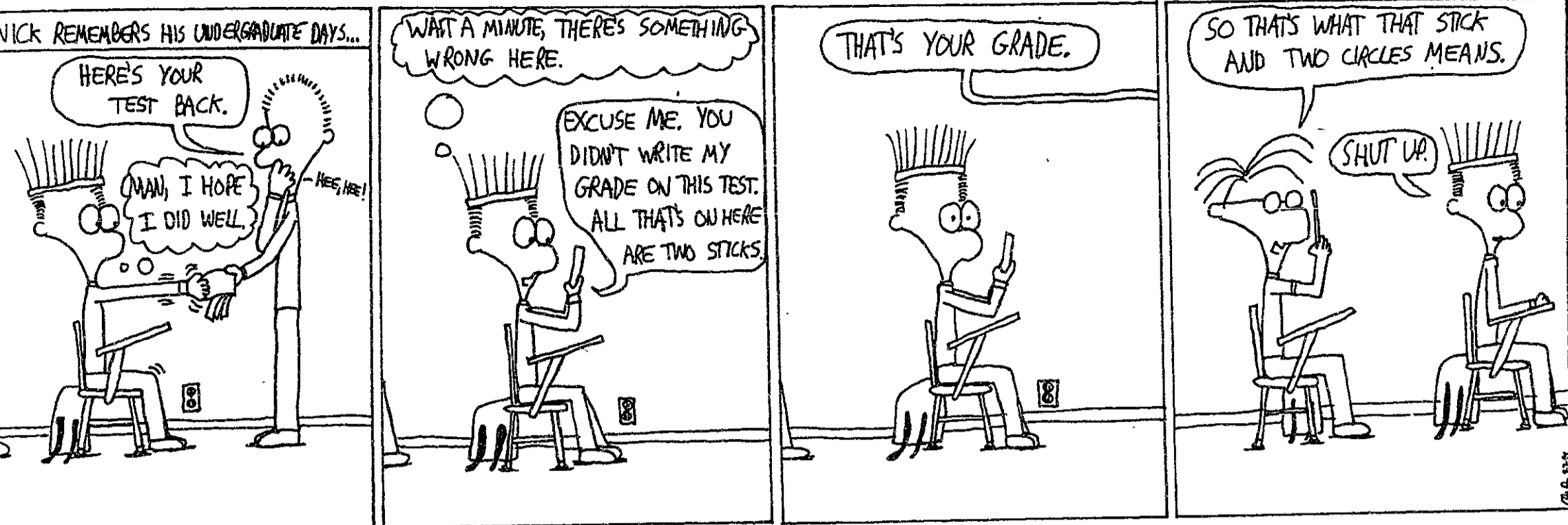
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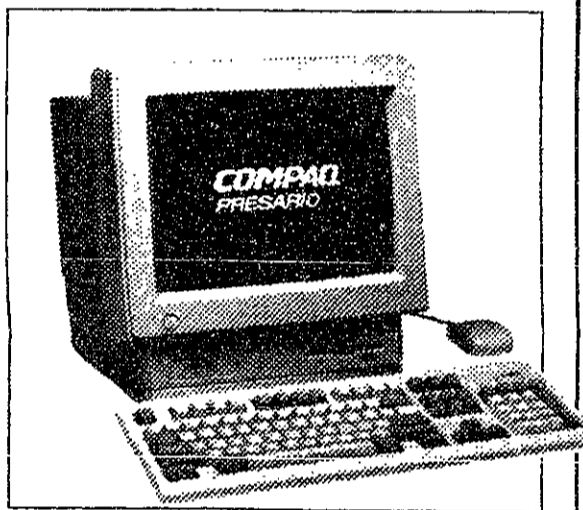
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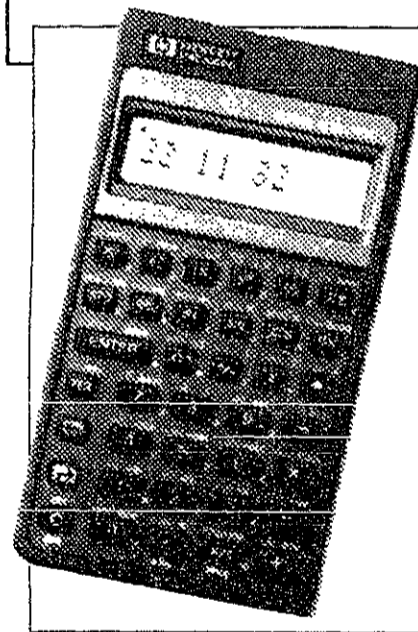
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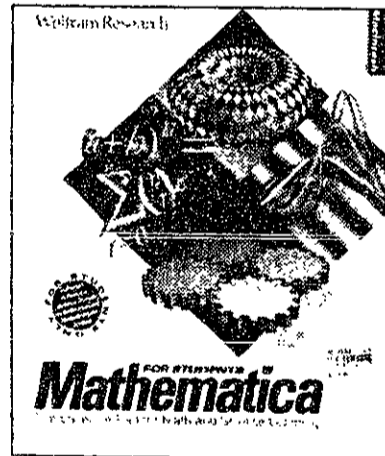
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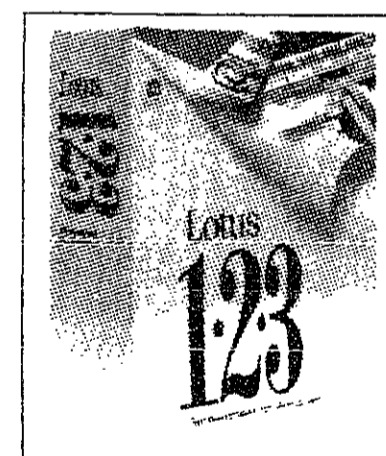
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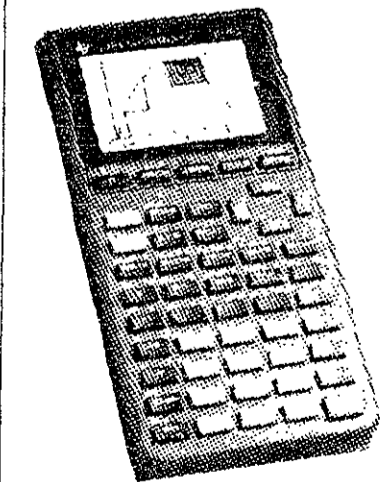
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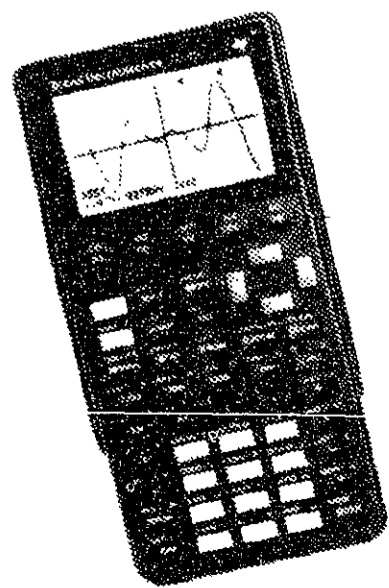
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Mills Plays Key Role In Jupiter Photos

Jupiter, from Page 1

the collision, hopes to use its data to investigate the effects that the impacts of the fragments have had on Jupiter's atmosphere. Atmospheric waves and fireball plumes are among the possible results of the collisions.

Mills, together with Hammel and a few other members of the team, monitored the collision from the Space Telescope Science Institute in Baltimore.

"We got there more than a week before the first impact," Mills said. "We wanted to get set up and get used to everything so that we would be set" for the collisions, she said.

In the weeks leading up to the event, many feared that astronomers' preparations might be in vain: Simulations predicted that the fragments would strike the far side of Jupiter, and therefore would not be visible from Earth. Observers hoped that there would still be something to see when impact sites came into view as Jupiter rotated around its axis.

Hammel's group and astronomers around the world were therefore pleasantly surprised not only to see the impact sites, but in some cases to see plumes of gaseous material rising from fresh collisions. One highlight was "the first impact,

when nobody expected to see anything, and you could actually see the plume," Mills said.

With the pictures processed, "we're starting to do the science," Hammel said. "We want to know about the physics of the creation of the site."

"We've just scratched the surface of the data, the cream off the top, so to speak," Hammel said. "There are literally hundreds of pictures. We'll be busy for a very long time."

Both Mills and Hammel credit UROP with making the project possible.

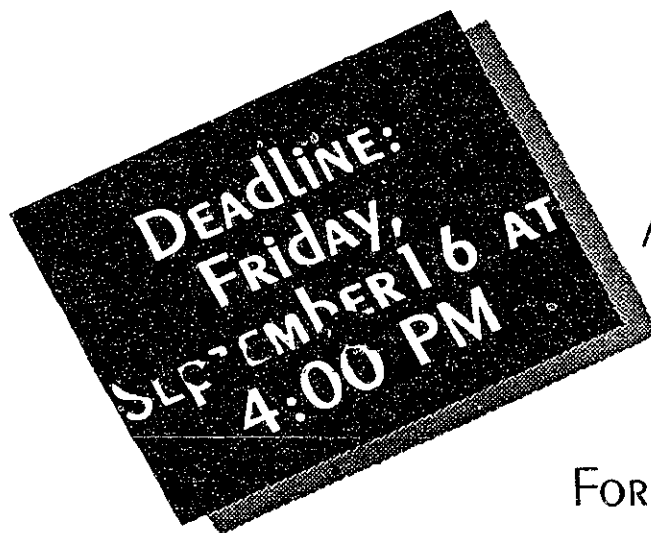
"I had a UROP spring semester working on Neptune," Mills said. "Heidi offered this to me because she needed more people. I said, 'Yeah, sure!' It was either Jupiter" — a once-in-a-lifetime event — "or home for the summer," said Mills, who will continue the UROP into this semester.

"It's great that Jennifer could get that UROP project [and] get involved in the process," said Hammel, who participated in the program as an undergraduate. "I did UROP; it put me on the track I'm on now." Hammel currently works in conjunction with EAPS Professor James L. Elliot '65, her former UROP mentor.



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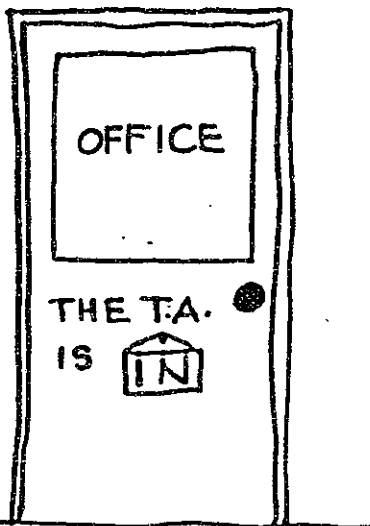
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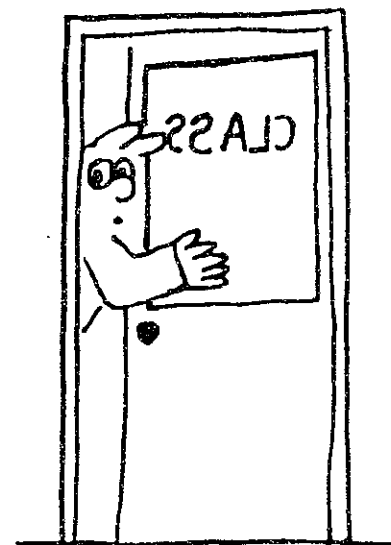
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JUNIORS

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Baker Dining Offers Options

Students work for lower costs and solicit outside suggestions

Baker, from Page 1

brand new dining operation entirely from scratch with help from MIT," Hsu said.

A new chef manager and cook were hired, and more than half of the employees are Baker residents, Hsu said. "Students now have a lot of say in the management of day-to-day operations."

Made 'responsive' to students

Baker dining is now "the most responsive dining operation on campus," Hsu said. "Since it's student run, we can be infinitely flexible, and we can tap students' creativity for menu ideas."

"The new chef manager and the cook know that they're serving the students, not the ARA bureaucrats" Hsu said.

"If someone complains about something, especially if enough students say the same thing, we'll be sure it doesn't happen again," Hsu said.

Additionally, students will be

asked for ideas for the entrees and desserts, Hsu said. "The students need to be the creative ones in giving us new ideas."

Baker dining is "a lot better than it used to be," said Bradford D. Ricketson '97, who ate at Baker Wednesday night. Last year, "there were times I just didn't like the food at Lobdell," but there were no convenient alternatives, Ricketson said. Baker dining is now competitively priced and provides good food, he said.

Brian D. Carlstrom '95, who ate exclusively off-campus over the summer, said he prefers Baker because of "the friends and the atmosphere." At Baker, "people like to come downstairs and go to dinner together," he said. "There's always someone to eat with."

Late, 'mega' meals offered

A regular meal at Baker will include one entree, two side dishes, a drink, and a salad or dessert, Hsu said. A regular meal costs \$6, Hsu said. Mega meals, which include an

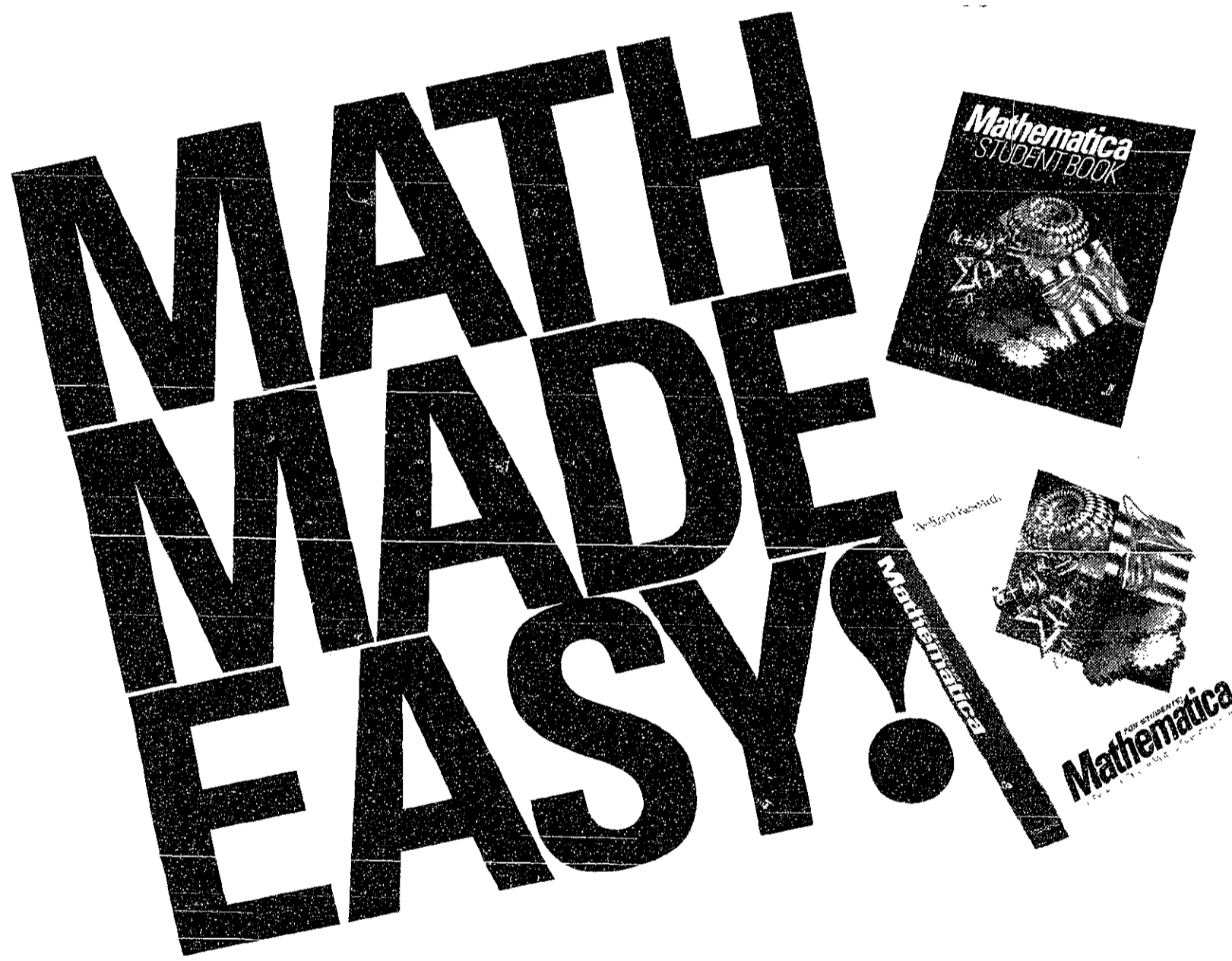
additional entree, will cost \$7.

"We want to offer a \$5 meal, but the cost structure is making that impossible," Hsu said. Instead, students will be able to purchase a Baker Dining membership for \$30 a term. The membership allows students to purchase regular meals for \$5 and mega meals for \$6.40, Hsu said.

Because "nothing caters to the 2 o'clock [a.m.] crowd on the west side of campus," Baker dining will offer late meals, Hsu said. Students can call the Baker desk by 7 p.m. and have a dinner prepared and wrapped and left in the Baker snack bar for pickup until 2 a.m.

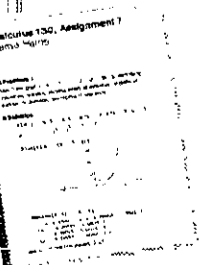
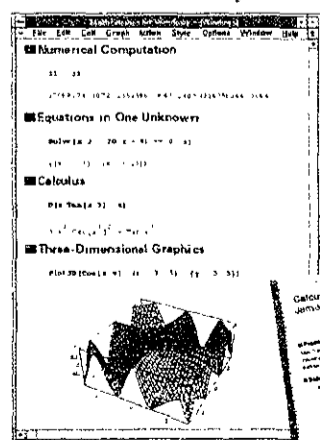
Another new feature this year is the Sunday brunch. Offered from 11 a.m. to 2 p.m. every Sunday, the brunch "is not something any of the dormitory dining halls did before," Hsu said.

Along with the main entree, a vegetarian alternative will be provided, Hsu said. "We want more than just pasta for the vegetarian option," he said, so student input will be solicited. "We're asking vegetarians across campus to give us their favorite entrees because we'll make them in Baker," Hsu said. "We want to have one of the options each night to be low-fat," Hsu added. "We're emphasizing healthy menu choices. We would like to cater to the health-conscious."



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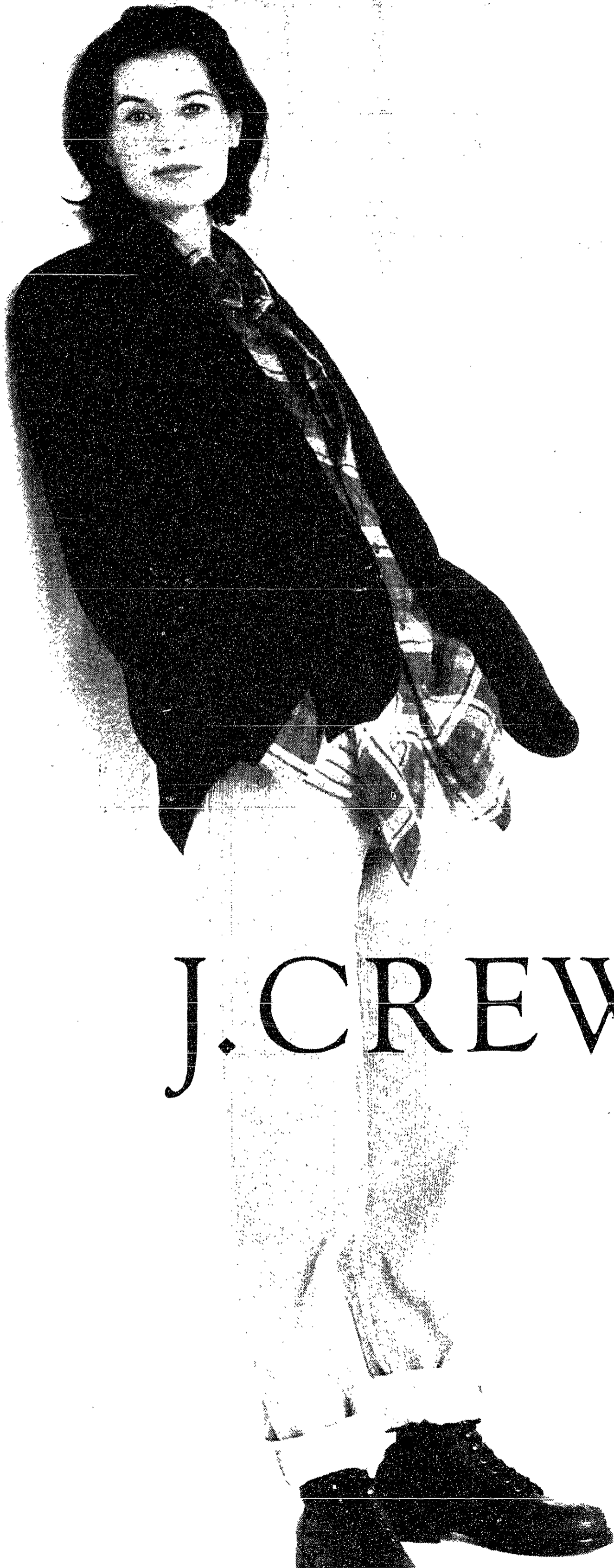
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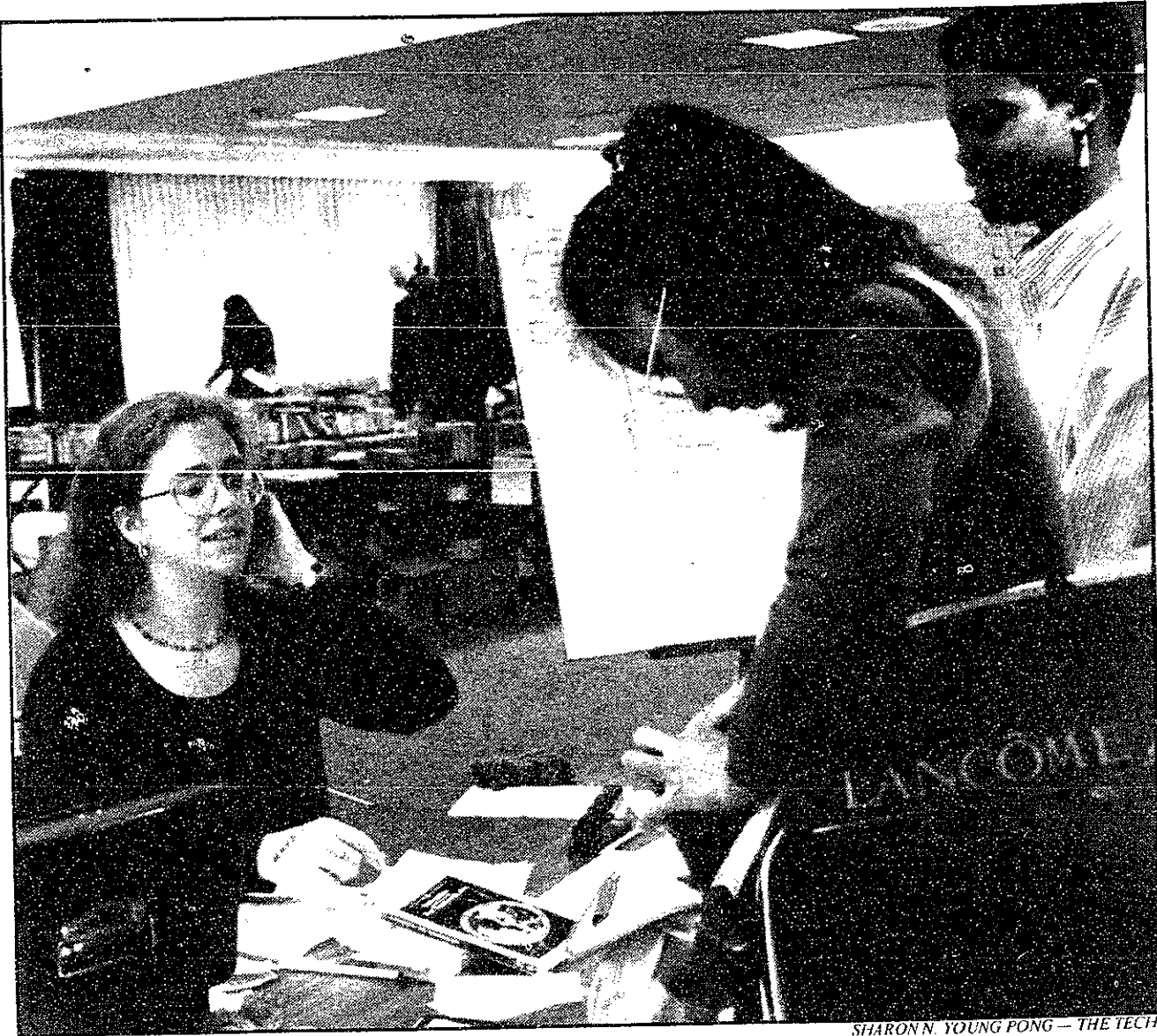


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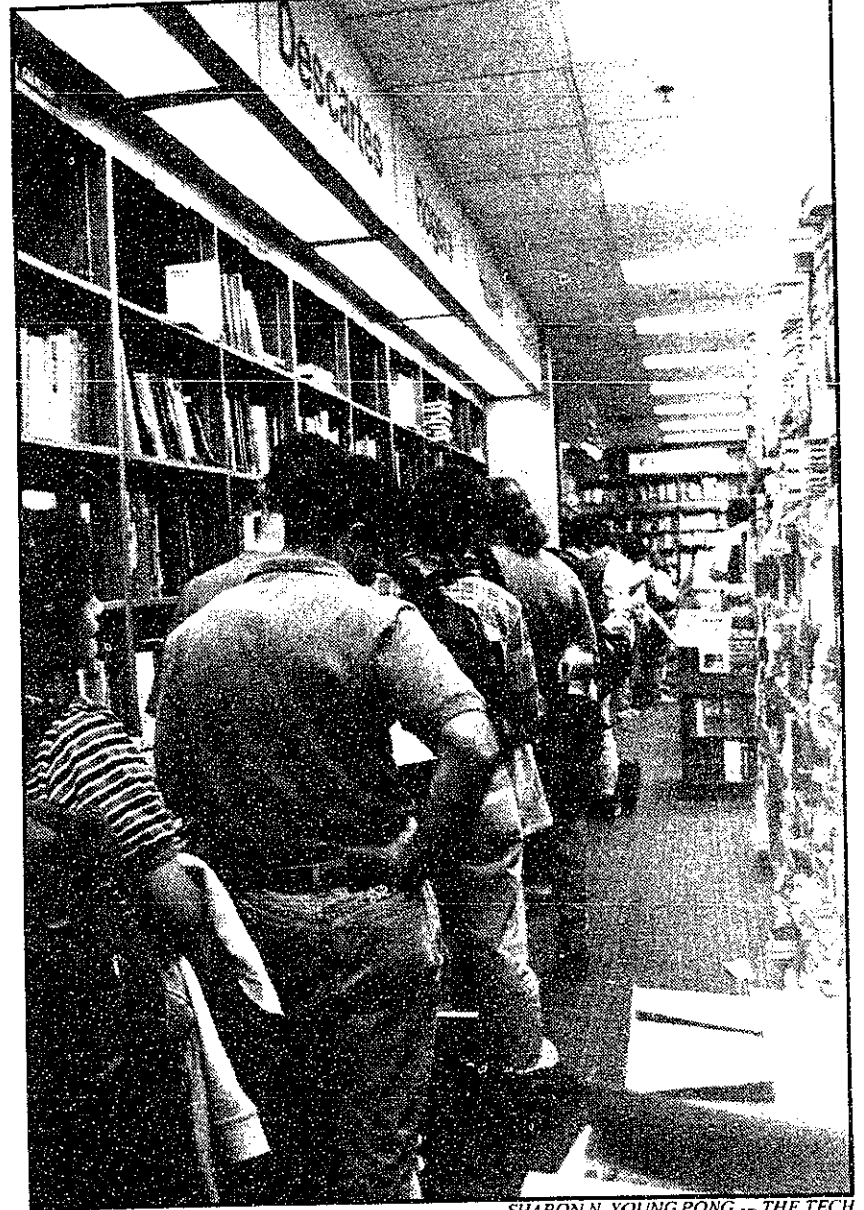
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SHARON N. YOUNG PONG -- THE TECH

Laurel A. Schaidler '97 helps out at the Alpha Phi Omega Book Exchange held in the Mezzanine Lounge in the Student Center. The exchange is open between the hours of 10 a.m. to 5 p.m. on weekdays and continues until Sept. 13.



SHARON N. YOUNG PONG -- THE TECH

Long lines form in the Coop on Registration Day.



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Some People Commit Child Abuse Before Their Child Is Even Born.

According to the surgeon general, smoking by a pregnant woman may result in a child's premature birth, low birth weight and fetal injury. If that's not child abuse, then what is?



UROP Funding to Come from One Source: UROP Office or Mentor

UROP, from Page 1

this year, though more as a result of less money being available than of credit being offered. "Last year, we had about 600 students working for credit both fall and spring terms. It's my guess that the number is going to be maybe 700," she said.

Still, "It is important to have academic recognition or transcript recognition of UROP work," McGavern said.

UROP will also offer some faculty members discretionary money instead of helping to pay their students' salaries. "It can't be used for wages, but it can be used for a whole lot of other incidental things. Maybe they can get some equip-

ment," McGavern said.

The discretionary funds would probably be no more than a few hundred dollars and will be decided on a case-by-case basis, McGavern said. "It's probably something we will have to give out on a hardship basis."

UROP has set aside part of its budget to use for discretionary funds, but McGavern hopes that fund-raising efforts that will start this semester will provide more money.

"President [Charles M.] Vest has written a very strong letter that will be a cover letter for an alumni fundraiser," McGavern said. "There are other things underway to see about

raising some larger funds."

Money has also been set aside to pay for the UROP mentor program that is run during Independent Activities Period. The mentor program links a new student with an upperclassman, who helps the the new student gain background in highly technical areas and prepare for a UROP in the spring term.

The new student is not paid during IAP, but the upperclassman receives a stipend of \$100.

The mentor program will be very important this year, with less money to pay for UROPs, McGavern said. "Beginners will need it even more because it will help them get over that threshold of being a beginner."

Vandalism Provokes GAMIT to Respond

GAMIT, from Page 1

"To TEP —> 33 NERDS + 1 QUEER," alluding to the inscription on the Harvard Bridge which reads: "To MIT —> 364.4 SMOOTS + 1 EAR."

"I wouldn't say that these acts [of vandalism against student groups] are frequent, but they do happen," Glavin said.

Winant said that she does not expect the response to Sunday's vandalism to be as strong as the response to the LCA/TEP incident.

After that occurrence, President Charles M. Vest sent letters addressing the matter to all MIT students. In addition, the Interfraternity Council mandated that LCA sponsor a campus-wide forum on homophobia awareness where Blumenfeld spoke.

"You could at least blame specific people" involved in the LCA/TEP vandalism, Winant said. "No one knows if it was even someone at MIT who was responsible this time," she said.



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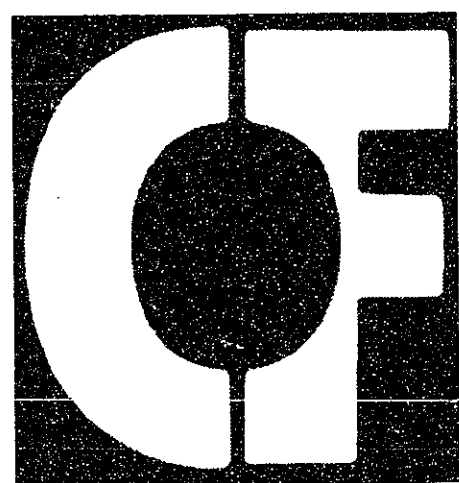
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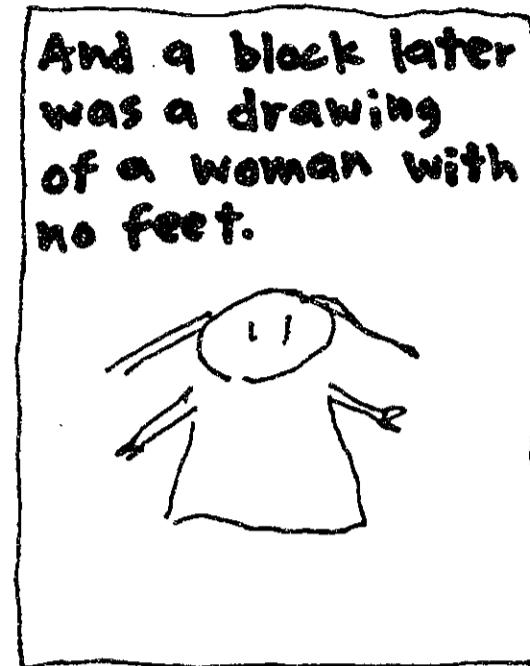
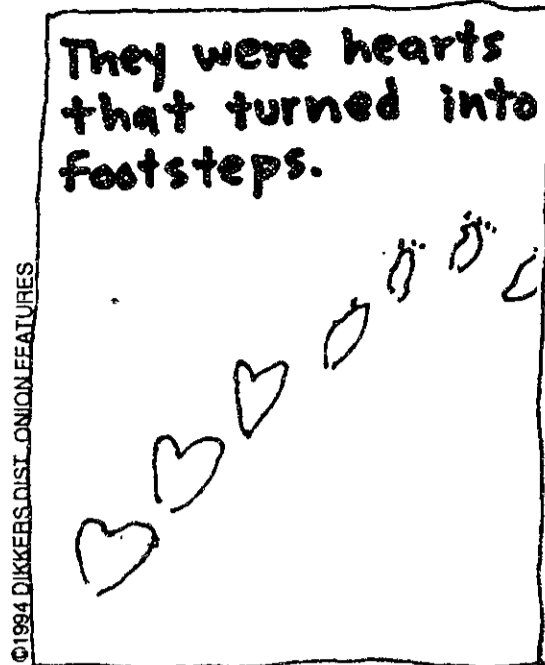
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Jim's Journal

by Jim



Growing up, growing wise.



THE WOMAN WARRIOR

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Students Support Policy

Smoking, from Page 1

tor of Housing and Food Services Lawrence E. Maguire.

The revised policy reads: "This policy is intended to be self-enforcing and the cooperation of all members of the MIT community is expected."

Policy generally supported

No one has complained about the new ordinance, Maguire said. "I haven't had one comment; everybody seems to agree that it's the right thing to do," he said.

Christian T. Powers '97, who smokes, said that he is not bothered by not being permitted to smoke in dining facilities. "I'm used to not being able to smoke in public areas," he said.

Networks Manager Dalton DaSilva said that so far no smokers have complained to him about the new policy. Smokers tend to sit at the tables outside of Networks, he said, but he is not sure what they will do during the winter.

"I think [the policy] is a good idea," said Enrique Barajas '97. "Maybe it should be expanded to dorms" so that people can just smoke in their rooms and not in the halls, he said. Barajas, a resident of Burton House, said that he does not mind when people smoke in the hall occasionally, "but when someone's constantly smoking I do mind," he said.

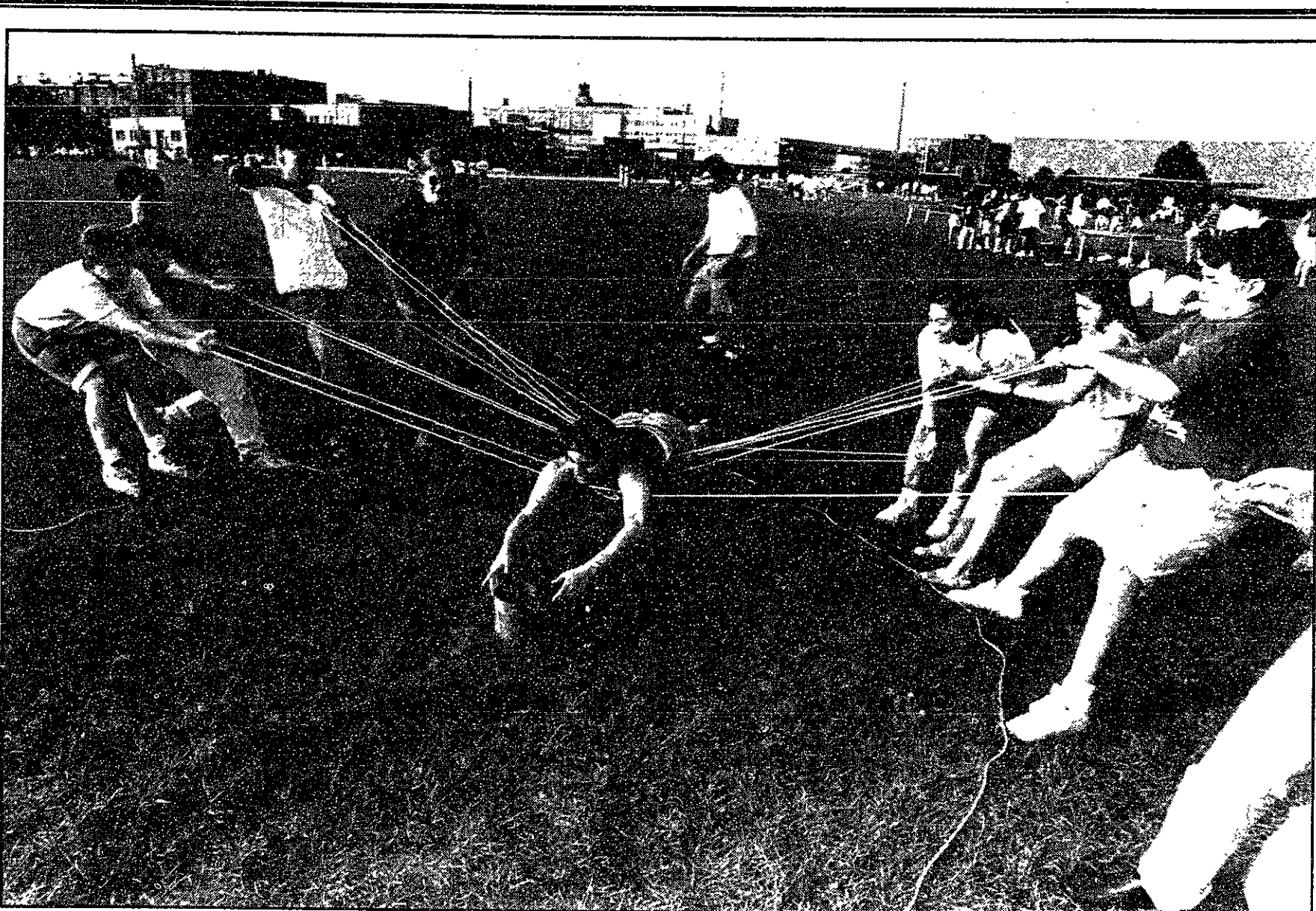
David L. Middleton '97 said that before, "during lunchtime you could smell [smoke] a lot. ... Smoking does tend to bother me, but I'm not one to complain."

In a memorandum written to the MIT community in late August, Dickson said that since the 1987 policy was instated, "the dangers of smoking, including the ingestion of second-hand smoke, have been increasingly well documented by the medical community."

"In recognition of this fact, in May 1994, the Cambridge City Council enacted a resolution urging that Cambridge become a 'smoke-free' environment in the workplace and in restaurants," according to the memorandum.

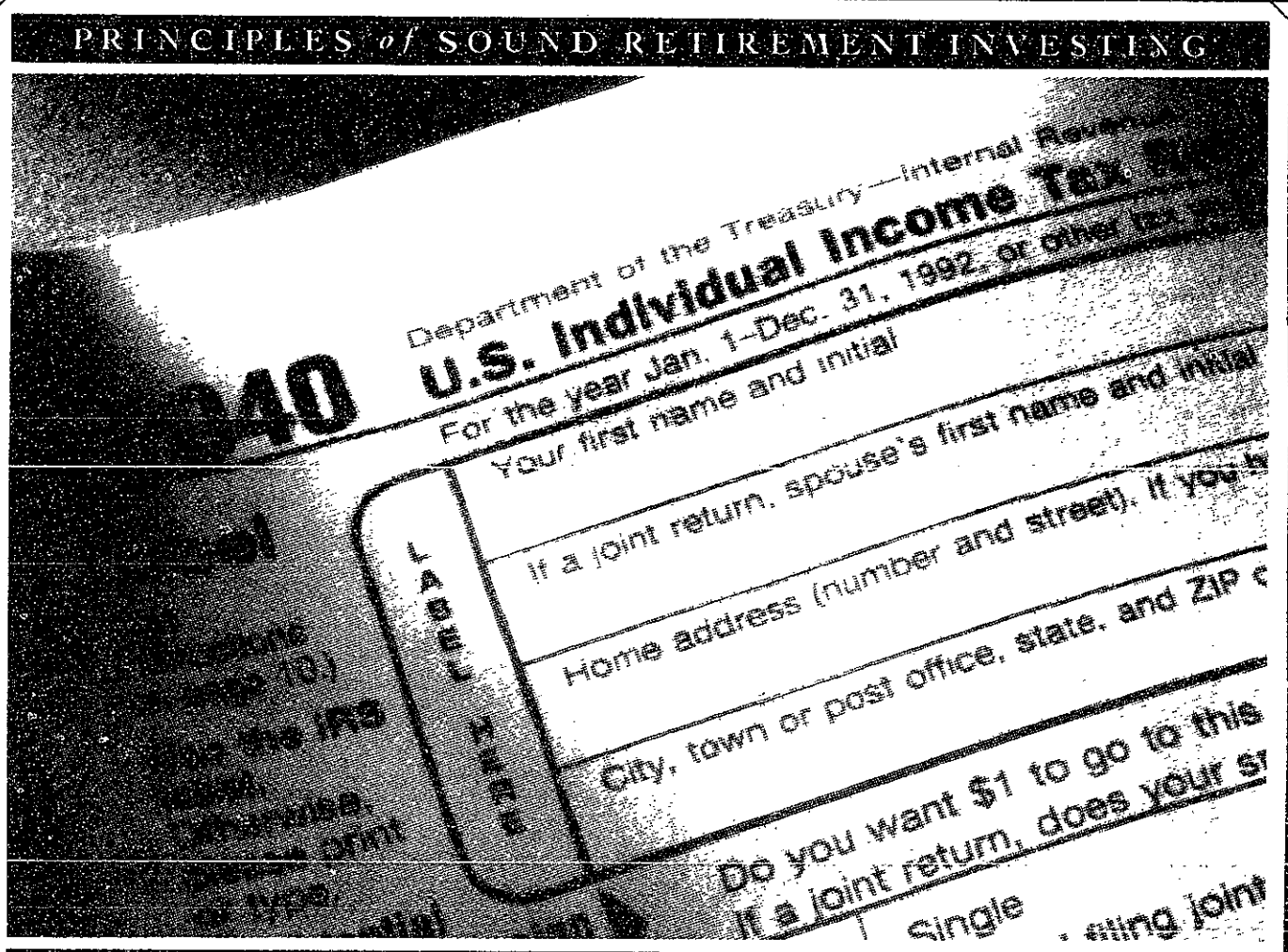
Dickson said that administrators were discussing the new provision before the Cambridge City Council passed their resolution. Though the resolution was not binding, MIT decided to follow the recommendation, he said.

"It's done in the spirit of the Cambridge ordinance," Dickson said.



A Project MOYA group works together to retrieve a can of water without stepping inside the marked circle.

THOMAS R. KARLO—THE TECH



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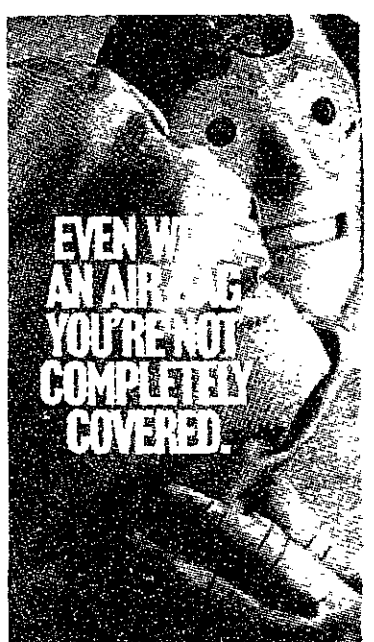
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World Cup Needs Alternatives for Ties

Wang, from Page 27

As I had written before, most major journalists disapproved of the current system of deciding a winner. They were quick to point out that even FIFA, the organizers of the World Cup feared the possibility of the world championship being decided by a shootout. FIFA is currently considering changes similar to what the readers suggested.

When will the strike end?

This article is much shorter than the last one, so I hope more readers will respond to this issue's poll question.

Many of you sports fans know very well about the ongoing strike in Major League Baseball. Players, owners, and employees have all been losing money. According to *The New York Times* (Wednesday, Sept. 7), since the strike began on Aug. 12, 338 games have been missed, players have lost \$114.9 million in pay, and owners have lost \$221 million in revenue.

For general sports fans, there have been many other things to turn to. Baseball fans are fortunate to have minor league baseball as an alternative. As for the real thing, though, players and owners continue to be in disagreement with no improvement in sight.

You, the reader, might see it a little differently. Therefore, the poll question of this issue is: *Do you think the baseball strike will end before the championship playoffs are scheduled to begin?* Send your response by electronic mail to: sports@the-tech.mit.edu. Along with your response, please add any suggestions you may have about how the situation could be settled.

In Case You Live in a Cave: This Is the Week in Football

Column by Bo Light
SPORTS COLUMNIST

Welcome to "The Week in Football," hopefully a weekly column that will appear on Tuesdays throughout the football season, and Fridays if I feel like it. This week's edition is subtitled "In-Case You Live in a Cave" because there hasn't been any football since Monday and you must have been in a coma, out of the country, or studying for your first 5.60 test not to know the results by now. But here are some of them anyway.

College football

In NCAA Division I, it was a week for blowouts, as many of the top teams in the nation decided to spend their first game blowing out any school willing to act as cannon fodder. The ugliest of games might have been Miami's 56-0 yawner over Georgia Southern, which sounds suspiciously like a I-AA school. In winning, Miami set the NCAA record for consecutive home victories, with 58, which incidentally is higher than the number of

yards Georgia Southern's offense was able to produce (54). They must be so proud.

Nebraska bumped Florida from the No. 1 spot in the AP poll on the strength of a 31-0 victory over West Virginia Aug. 28, that apparently was more impressive to the sports-writers than the Gators' 70-21 rout of New Mexico State. Then again, New Mexico State does seem like a team that the Cornhuskers, notorious for their padded schedules, would normally play.

On the local front, Boston College jumped out to a 12-0 lead against Michigan before the Wolverines realized that the game had actually started. It was all downhill from there as Dan Henning's debut as head coach turned into a 34-26 loss. Michigan played without star tailback and Heisman candidate Tyrone Wheatley but didn't seem to miss him much, as the longest name in Div. I Tim Biakabutuka, ran for 122 yards on 12 carries.

Oklahoma narrowly avoided a stunning upset at the hands of Syra-

cuse on a last-second field goal after giving up a 24-0 lead. The Orange-men, having scored with a minute to play to take a 29-27 lead, were so appallingly arrogant as to actually celebrate the fact that they had just come back from a 24-point deficit, and of course were slapped with a 15-yard penalty on the kickoff, allowing Oklahoma excellent field position and an easy drive to the game-winning field goal. A big round of applause, please, for the officials of the No Fun League . . . I mean the NCAA.

In smaller conferences, MAC favorite Western Michigan scored late in the fourth quarter to narrowly beat perennial basement-dweller Miami, Ohio 28-25. Also, Fresno State began its annual run to the California Bowl or the Raisin Bowl or the Sun Bowl or whatever it's called by beating archrival San Jose State 45-13.

If MIT played last week, nobody knew about it. But seriously, folks, the team is prepared for their official season opener tomorrow at Salve Regina University. Kickoff is at 6:00 p.m.

No Fun League

Let me try something here:
Ladies and Gentlemen, your New England Patriots!
(silence)

I thought so. Bledsoe and the gang were victimized by Dan Marino and his array of talented receivers, who ripped the Pats for five touchdowns and just over a zillion yards in a 39-35 Dolphin victory.

New England's home opener is next week against the Buffalo Bills, who were crushed 23-3 by the New York Jets (yes, you read that right, the Jets). Maybe Buffalo won't get the opportunity to lose their fifth Super Bowl this year. Then again, they do get to play the Patriots twice.

If you were watching the games on Sunday and saw the score 11-0 pop up on your screen, be assured that it was not an error by the rookie technicians at Fox, and there weren't two safeties by a team or any missed extra points. The Cleveland Browns scored the first two-point conversion in NFL history after a first-quarter touchdown in a 28-25 victory over the Cincinnati Bengals.

Time will tell if the new rule allowing the two-point conversion will be helpful to the league, which has been looking for ways to add scoring and excitement to games. Don't look for teams to try this play a lot, though, even in late-game comeback situations. Why? The extra point kick, basically a 17-yard field goal attempt, is all but automatic, and unless absolutely necessary, few coaches will risk getting no extra points (and the two-pointer is less than a 50/50 proposition against most teams) when they can get one with no fuss.

Detroit needed overtime to beat the Atlanta Falcons 31-28 on a Jason Hanson field goal. The game was an excellent showcase for the talents of transplanted quarterbacks Scott Mitchell for the Lions (15 completions in 30 attempts, 173 yards, 1 INT, 3TD's) and Jeff George of the Falcons (29-37, 281 yards, 2 TD's), especially because the secondaries for both teams have been decimated by free agency and the salary cap, and looked less than polished on Sunday.

The Colts (from Indy, not Baltimore, there will be no CFL updates here) came into the season knowing that they needed rookie running back Marshall Faulk to produce. Their worries are over. Faulk rushed for 143 yards and three touchdowns in 45-21 romp over the surprisingly punchless Houston Oilers. Indi-

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Jerry Rice Makes Touchdown Record

Light, from Page 24

Indianapolis set a team record for most points in a season opener and look ready to take on a wide-open AFC East.

Last but certainly not least, Jerry Rice took over the NFL career record for touchdowns (127) with three TD receptions as San Francisco rolled over the L.A. Raiders 44-14. Speaking of being rolled over, Raider running back Napoleon McCallum had his season (and likely his career) ended in the third quarter when he was brought down by a pile of 49'er defenders, and his leg didn't follow his body. The slow-motion replay (which was shown at least three times by ABC and will now be used as stock footage in a Steven Seagal movie) clearly showed McCallum's knee twisting and bending in a direction that knees do not normally bend, ranking McCallum right up there with Joe Thiesmann and Tim Krumrie in the Disgusting Injury Hall of Fame.

Trivia question

(Yeah, I stole this from "Let's Argue." So what?)

We'll start off the year with an easy one since the answer will be out on Tuesday. Jerry Rice's 127th touchdown catch surpassed the record held by Jim Brown. Who is currently third on the all-time touchdown list? Send answers to sports@the-tech.mit.edu.

This weekend

Tomorrow the Fightin' Engineers of MIT kick off their season against Salve Regina. I already told you that, though, didn't I? On the tube, Notre Dame starts its home schedule (and thus its NBC schedule) with the annual Irish-Michigan game. Look for the Wolverines to be sharper this week than they were against BC, which has this weekend off. Boston University starts its I-AA season tomorrow against Colgate, though. Miami continues its run of fluff games against Arizona State (yawn). Nebraska played Texas Tech yesterday, but since I have to write these articles by Wednesday night the result is not available.

In the NFL, Buffalo comes to Foxboro to rain on the Patsies' parade. Joe Montana is starting in the Niners-Chiefs game, but not for Frisco. For you New Yorkers, the Giants play in Arizona, and the J-E-T-S host the Broncos. Houston goes to Dallas to see who's the best team in Texas (take a wild guess). The Indomitable Lions — oops, the Detroit Lions, will be in Minnesota, while the Super Eagles — sorry, the Philadelphia Eagles host Chicago in a Monday night game. Indianapolis plays at Tampa Bay (that should be a good one). For the Left Coast fans, the Rams play the Falcons, while the Raiders host Rick Mirer and the Seahawks. Also, Pittsburgh plays Cleveland in The World's Most Boring Football Game (held twice annually), Miami visits Green Bay, and the league's second crappiest team (hint: it rhymes with "deadskins") plays the Saints.

Predictions for some of the games:

College:

Michigan 14, Notre Dame 10. You think coach Gary Moeller is going to let his team get beaten by a freshman? Think again. Ron Powlus has three more years to beat the Wolverines.

Miami 41, Arizona State 7. The Sun Devils score their only touchdown when the entire Hurricane defense, bored by the ease of their victory, falls asleep.

BU 17, Colgate 14. A 45-yard field goal with no time left wins the opener for the visiting Terriers. Angry fans pelt the home team with toothbrushes.

MIT 23, Salve Regina 7. A no-brainer, really.


Citadel 25, Wofford 24. Shannon Faulkner scores the winning touchdown for the Citadel, prompting women across the country to shave their heads out of respect.

NFL:

Buffalo 31, Patsies 30. New England scores five touchdowns again, but Parcels goes for two and fails each time. Patriots will become the first team in history to have a losing record despite averaging over 30 points a game.

Lions 28, Vikings 24. The purple-headed warriors are favored by 4-1/2, but the oddsmakers seem to have forgotten that the Lions never lose indoors. Maybe if the roof on the Metrodome collapses . . .


Niners 22, Chiefs 21. San Francisco goes for two on their final touchdown just to spite my theory that they wouldn't do something like that. Montana injures his left big toe in the middle of fourth-quarter drive and is lost for the season. Say it ain't so, Joe.



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Books For Sale (Excellent Condition)
 24.05: *Philosophy of Natural Science* by Carl G. Hempel, only \$10;
 17.156J: *The Structure of Scientific Revolutions* by Thomas S. Kuhn, only \$7.50; and other books: *The First Socialist Society* by Geoffrey Hosking, only \$8, *A Documentary History of Communism, Vol 1: Communism in Russia* ed. by Robert V. Daniels, only \$11. Please Call 225-9450 and leave a message

Clubs

Stuyvesant High School Alumni - MIT has a Stuy alumni chapter for YOU! Get involved and keep those Stuy bonds strong! Get to know more upperclassmen who are in your major! For more information, contact Angela at 225-8561.

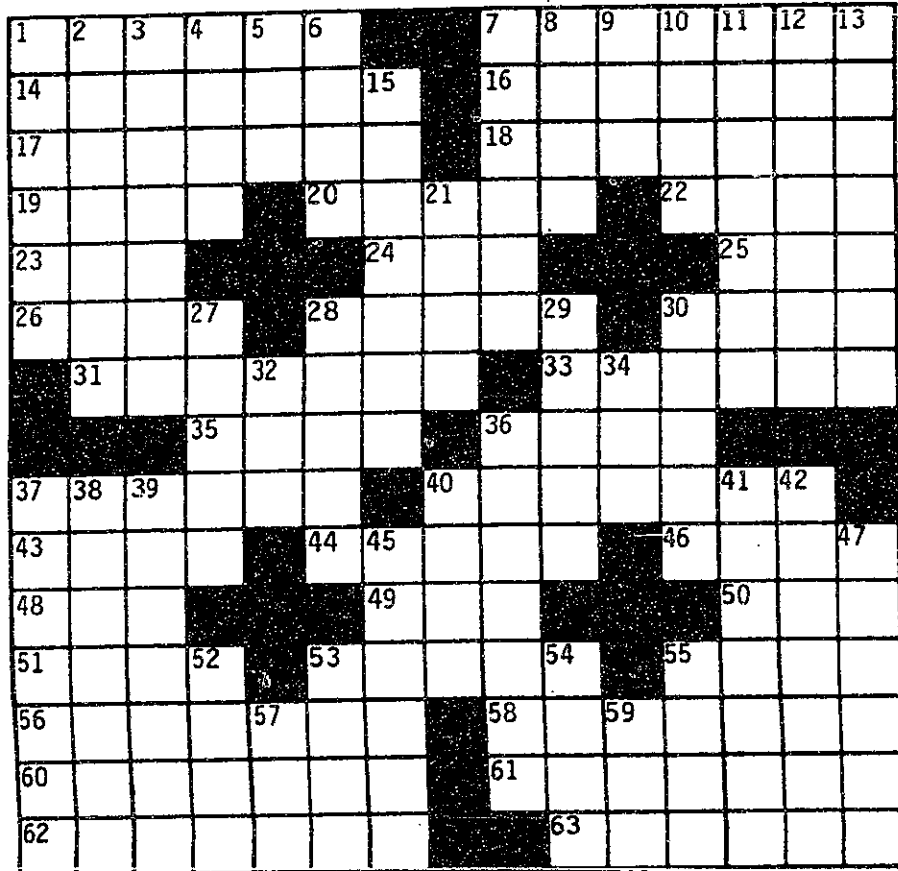
Miscellaneous

Donate Your Live Brain to Science! (well, for 15 minutes anyway...) The Dept. of Brain & Cognitive Sciences seeks subjects whose first language is American English for exciting psycholinguistic research. Pays \$3 for 15 minutes. Call Marie at 225-7599 or send e-mail to lissa@mit.edu.

Miscellaneous

Donate Your Live Brain, Part II The Department of Brain & Cognitive Sciences seeks subjects with various linguistic backgrounds for experiments about all kinds of cool stuff that pay some amount of money for varying lengths of time. Send e-mail to lissa@psyche.mit.edu for a questionnaire and details.

The Tech subscription rates: \$20 one year 3rd class mail (\$347 two years); \$55 one year 1st class mail (\$105 two years); \$60 one year air mail to Canada or Mexico or surface mail overseas; \$140 one year air mail overseas; \$10 one year MIT Mail (2 years \$18). Prepayment required.



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ACROSS

- 1 Discolorations
- 7 Coast (India)
- 14 Floating structure
- 16 City in Texas
- 17 Country in Africa
- 18 Concise
- 19 Prefix: mouth
- 20 Very pale
- 22 Well-known magazine
- 23 Actor Gibson
- 24 Math concept, for short
- 25 Young boy
- 26 "Beat it!"
- 28 Employing
- 30 d'Azur
- 31 Put the football into play
- 33 Stirred up
- 35 Retained
- 36 Furniture wood
- 37 Withdraw
- 40 Favors
- 43 Vigor
- 44 Less cooked
- 46 Prophet

- 48 Word in Cagney phrase
- 49 Region of India
- 50 Organization for C. Everett Koop
- 51 Prayer part
- 53 Lacking delicacy
- 55 Cut
- 56 Dug out canoe
- 58 Milk glass
- 60 Repeat
- 61 Trifling
- 62 Mexican garb
- 63 Office workers

DOWN

- 1 Tics
- 2 Mexican Indians
- 3 From Luanda
- 4 veto
- 5 "... iron bars a cage"
- 6 Begrimed
- 7 Slander
- 8 "The Story of Boy"
- 9 Official permit (abbr.)
- 10 "Thanks —!"
- 11 Mussolini, et al.
- 12 Enliven
- 13 Went backward
- 15 Carpentry item
- 21 Nullify
- 27 Duped
- 28 Volta
- 29 Miss Garson
- 30 Garden vegetables
- 32 Prefix: child
- 34 Clod
- 36 Disloyalty
- 37 Ancient Egyptian god
- 38 Ancient Asian
- 39 Affair need
- 40 Malayan boat
- 41 Straighten again
- 42 Type of class
- 45 Concur
- 47 Badgerlike animals
- 52 Miss Bayes
- 53 Good-looking
- 54 Name for a dog
- 55 Voucher
- 57 Hiatus
- 59 Miss Irving

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Jim's Journal

By Jim



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SPORTS

MIT Athletes Deserve Support and Recognition

Column By Daniel Wang
ASSOCIATE SPORTS EDITOR

To all new students and new members of the MIT community, welcome to MIT. To everyone else, welcome back to the beginning of another term and another academic year at this most interesting place. The beginning of the year also means the beginning of the fall season and another year of sports.

I hope you all have the chance to watch and support the athletes of your school. The fine facilities are nearby, and admission to almost all events is free.

So the teams here, most of which are members of the National Collegiate Athletic Association Division III, may not be as good as the teams you might watch on television, or the ones that grace the front page of major newspapers. That should not be a reason not to come support teams at the Institute. The athletes here still display the spirit of amateurism at its best, without most of the bad things you might hear about in collegiate athletics.

Here at MIT no one is participating on any athletic scholarship, let alone "full rides." There are virtually no over-inflated egos seeking future fame and multi-million dollar contracts (at least not in athletics). Here

you will most likely not hear about the various scandals you hear about from time to time at other places, such as drug use, academic ineligibility, or top recruits running into trouble with NCAA Proposition 48.

MIT athletes are probably one of the truest form of the student-athlete that founders of intercollegiate athletics had in mind. Almost all of those who comprise the Engineers play simply because they enjoy their sport enough to want to be serious about it and try to improve their skills. Most of them come to MIT with their studies as top priorities, and find sports to be another part of their lives. Even though MIT's sports teams are not of the caliber which capture national attention, many of the athletes, myself included, are grateful of that fact. They probably would not be able to compete at such a high level, but are willing to take advantage of the opportunities available at MIT. I urge you all to come out to watch and support their efforts.

You might even be surprised by the levels of ability and achievements. Some of MIT's athletes and teams are even among the best in the nation.

The past two semesters, there was a fair share of achievements by

MIT athletes. In the fall, the men's tennis team produced the New England doubles champion for the third year in a row. The football team had its best season ever, going into its final game with a chance to win a conference title.

Last winter witnessed the second woman basketball player in Institute history to break the 1,000-point career scoring plateau, and later went on to become MIT's all-time leading female scorer. The men's gymnastics team, meanwhile, qualified for the national team championships.

There were also dramatic moments, when there was a crowd to witness and cheer, such as the time when the men's ice hockey team took on the league's top team, needing a win to make the next day's league playoffs. Amid a deafening roar, the Engineers managed to pull off the upset.

In the spring, MIT played host to the inaugural New England Women's Eight Conference Track and Field Championships. The event played host to the breaking of one Institute record and tying of another one. After final exams, the top men's tennis doubles pair made a run to the semifinals of the national championships.

Above all, every year the Engineers manage to produce scores of national award recipients, including All-Americans and Academic All-Americans.

These are only a few of the highlights of athletics at MIT last year. Expect many similar feats this year. I apologize to other achievements that I failed to mention.

For those who do not already know, Boston is a wonderful place to witness numerous athletic events. Professional baseball, basketball, ice hockey, and football games are always exciting to watch, but there is more. In October, the Charles River adjacent to MIT plays host to the Head of the Charles, the largest rowing regatta in the world. Months later on Patriots Day there is the Boston Marathon, an event which is great to watch, and according to some, just as good if not better to run. I witnessed it last year, and had a wonderful time. You might even see me there some time in the next few years.

In addition, there is always something happening, either in the city of Boston, or at one of the many college campuses in the area. When something does, do not miss it!

I must not forget to mention that athletics are not just something fun

to watch but are also fun to participate in, whether or not you are competitive. MIT has wonderful facilities and opportunities for all levels to get involved. For new students, this time affords a wonderful chance to learn something new. Do not pass up on these chances to gain exercise and take a refreshing break from academics!

The Sports Department at *The Tech* will make its best effort to follow all of the action. Expect in-depth reports on most major MIT events. There will be occasional reports and commentary of national and international events. Despite the recent graduation of Mike Duffy and Andrew Heitner (a.k.a. Your Humble Scribes), the backbone of our opinion-based writing, we will try to continue their legacy. Finally, there will be many photographs which capture the moment and display the emotion. There is much to look forward to in this section of *The Tech*.

In closing, I wish the best of luck to the athletes of MIT, as well as to everyone else in whatever you do. I would also like to remind you to continue reading *The Tech*, the authority in coverage of athletic events at MIT, both in words and in pictures.

Readers Denounce Use of Penalty Kicks

Column by Daniel Wang
ASSOCIATE SPORTS EDITOR

In the last article that I wrote, on Aug. 25, I asked readers the following question: *Should penalty kicks be used to decide World Cup soccer games?*

Although this year's World Cup tournament had long become a thing of the past, and even more so now, there were still some people who had an interest. Unfortunately, the number of responses was quite disappointing, with a grand total of two people participating in the poll — far below what I had hoped. I suppose my article was too long and most readers did not reach the question.

In any case, both (or rather, all) of the respondents chose penalty kick shootouts as one of the last options to use in the case of a tie. Instead, the most popular alternative seems to be replaying the game, as suggested by both Josh Elliot G and Aaron Rogers '96.

With such a system, the players would have a few days to recover and then come back later to play an entirely new game. The idea seems strange to American fans, but it has been used before.

According to Elliot, The English Football Association Cup finals are decided in such a way. In fact, Elliot writes, "Some FA Cup games have gone to seven replays," such as in 1980, between the Arsenal and Sheffield United clubs.

Rogers responded quite emphatically: "The World Cup final is the ultimate in sports competition, it should not have been settled by something as random as penalty kicks." He proposed a similar solution: "One solution is to go back to the method they used in the 1960's where if the game was tied after overtime, the game was simply delayed for two days and then continued later. . . . This worked fairly well and I'm not sure why they stopped using it."

The method seems quite fair, but can present problems to spectators and organizers. Rogers mentioned that tournaments would be longer if replays were used throughout. He instead proposed, for the World Cup, using penalty kicks in the first round games, when the outcome of a single game does not affect a team outright. When teams go into elimination rounds, then penalty kicks should not be used.

Two other alternatives that Elliot presented were: using extra overtime periods, and employing sudden death overtime. With the additional periods, Elliot suggested that more substitutions would be allowed so "the game doesn't become ridiculously littered with players lying around the field suffering from cramps."

The other method, sudden death, is simple — the first team to score wins, and the game would continue until that happened. This is what FIFA is most seriously considering for the next World Cup in France. The same system seemed to work quite well in the National Hockey League playoffs, especially in this past season's Eastern Conference Finals series between the New York Rangers and the New Jersey Devils, where four of the seven games went into sudden death overtime (and double overtime a few times).

Rogers disapproved of the idea of using penalty kicks at all. Although the 1990 final ended in regulation, Germany won in like fashion as Brazil, using a penalty kick to come out on top by a 1-0 decision. Rogers considered the victors being the ones who had worked the ball and controlled the game most of the time.

Using such logic, he stated, "I haven't seen a team in this year's tournament that deserved to win a game but lost on penalty kicks. . . however, Argentina exemplified how a team can make it through on penalty kicks in 1990 with something like 2-3 of the 4 wins it needed to make it to the final from penalty kicks."

Soccer, Page 24

Field Hockey Starts Off Season Successfully at MIT Invitational

By Daniel Wang
ASSOCIATE SPORTS EDITOR

The field hockey team began its season last Friday hosting the annual MIT Invitational, held at Jack Barry Field. The event featured seven teams, 14 abbreviated games, and over 10 hours of play. Although the contests were simply unofficial scrimmages, shortened from the regular two 35-minute periods to just one, they were a way for the teams to warm up for the season ahead and to preview some of the competition.

The MIT team seemed to finish the day somewhat successfully, with two wins and two ties. The team members were thrilled with their results.

The team started off impressively with a 2-0 win over Tufts University. The Engineers scored early, less than a minute and a half into the game, off of the stick of defender Katherine Merrilees '97. From about 30 yards away, Merrilees slapped the ball past a sea of defenders and out of reach of a surprised Tufts goalkeeper.

The second goal came about four and a half minutes later. On this play, attacker Ann Torres '96 missed a rebound from a teammate's long shot, but another attacker, Carla Oshiro '95 took the ball and stuffed it in the goal.

The Engineer offense dominated nearly the entire game, as they had many more opportunities to score. The defense also did an effective job of keeping the ball out of its half of the field. As a result, MIT goalkeeper Laura Walker '97 needed to make only three saves, and the Tufts offense had only one good scoring opportunity.

In the second game, against Plymouth State College, the team broke a scoreless deadlock, then seemed to be on its way to victory before settling for a 1-1 tie. Throughout the early minutes of this game, MIT had numerous chances to score but could not convert.

Finally, with 14 minutes 30 seconds left to play, Torres maneuvered through traffic to come up with a goal. In the closing minutes, though, Plymouth State controlled the offense. After many foiled attempts, a Plymouth State attacker hit a sharp angle past MIT goalie

Joanna Garelick '98 to knot the game, 1-1, with less than two minutes remaining. The opponents maintained the offense, but could not beat the Engineer defense and the clock.

The goal scored by Plymouth State ended up being the only one scored against MIT in the entire day. MIT later defeated Colby College, 1-0, then tied Bridgewater State College, 0-0.

Against Colby, the Engineers dominated the offense, similar to the game against Tufts. Once again, the team had scores of opportunities to go on the board, only to end up with near-misses.

With about seven minutes remaining, both sides repeatedly fumbled the ball in front of the Colby goal. Soon after, Stephanie Maifert '98 took advantage of the situation by scoring a goal of her own, with the help of a rebound off a shot by Torres. Throughout the rest of the game, the Colby team never really presented a threat of scoring.

In the final game, the MIT players began showing signs of fatigue, attributed to the previous three games and to playing almost immediately after the Colby game. The game would still be filled with

action, as the offense on both sides was often able to bring the ball all the way to the goal.

Hence, both teams saw chances to score, but to no avail due to the good defense and inability to net the ball on both ends. The Engineers had probably their best opportunity with six minutes remaining, as Oshiro had a wide open penalty corner shot. Oshiro, however, did not strike the ball cleanly, thus conceding the ball to the Bridgewater defenders. Even in the closing seconds, MIT players crowded near the Bridgewater goal, fighting for the ball.

The MIT players came off the field from their final game with much excitement and enthusiasm. Co-captain Catherine Mangion '95 said, "This is a really awesome way to start the season. This is the best we've done in my four years at the Invitational." Mangion added that the results changed the team's outlook of the season and said, "We could do really well in the [New England Women's Eight Conference] this year."

The Engineers kick off their regular season tomorrow afternoon, 1 p.m., at home against Clark University. The game is the first of a three consecutive matchups at home.

UPCOMING HOME EVENTS

Friday, Sept. 9

Baseball vs. Brandeis University, 3:30 p.m.

Saturday, Sept. 10

Women's Volleyball at MIT Play Day, opening game, 8 a.m.

Women's Sailing at Man Labs Trophy, 9:30 a.m.

Baseball vs. Wentworth Institute of Technology, noon.

Field Hockey vs. Clark University, noon.

Men's Cross-country vs. Alumni, noon.

Men's Soccer vs. Norwich University, 1 p.m.

Women's Soccer vs. Mount Holyoke College, 3 p.m.

Men's Water Polo at Cambridge Invitational Tournament, opening game, 8 a.m.

Sunday, Sept. 11

Men's Water Polo at Cambridge Invitational Tournament, opening game, 8 a.m.

Women's Sailing at Laser Radial Invitational, 9:30 a.m.

Tuesday, Sept. 13

Women's Soccer vs. Regis College, 4 p.m.

Women's Volleyball vs. Tufts University, 7 p.m.

NO EXPERIENCE NECESSARY

That's not a sign you see very often nowadays. But in the case of *The Tech*, it's true. Whether or not you've written news, arts, sports, or opinion pieces, whether or not you've done newspaper design and production or sales and accounting, whether or not your photographic experience goes beyond snapshots, we welcome you to help us put together MIT's oldest and largest newspaper.

Your best chance to meet the staff and see how we do things is our open house. Stop by our office on the fourth floor of the Student Center on Saturday between 1 to 5 p.m. and eat some Toscanini's ice cream.

OPEN HOUSE

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