

MIT vs. Western New England last Friday. MIT lost 21-29.  
Wes Huang

## Faculty discuss changes in pornography policy

By Andrew L. Fish

There seemed to be little consensus among the faculty on the Faculty Policy Committee's recommended changes in the MIT Policy on Sexually Explicit Films. Faculty members discussed the revisions at Wednesday's faculty meeting.

Opinion varied considerably among those present, ranging from one faculty member who advocated banning pornography from the campus entirely, to others who argued that MIT should not have a policy at all.

Professor Bernard J. Frieden PhD '57, the chair of the faculty policy committee, described the revisions as a compromise between those who view any restriction as a form of censorship and those who object to the showing of pornography on campus. He noted that "the middle position is often a lonely one."

Frieden explained the policy was needed to protect "the right of privacy of people who object to pornography," especially in their dormitories, and to prevent negative impact on the "student environment." He also noted that

the showing of pornographic films at MIT had a symbolic importance.

The revised policy is "in one sense stricter" than the current policy, Frieden said, as pornographic films could not be shown in a dormitory common area at any time.

But he said the revisions would loosen other aspects of the policy, allowing pornographic films to be shown in Kresge auditorium, limiting the number of films that

(Please turn to page 9)

## UA seeks activity fee referendum

By Paul Sherer

The Undergraduate Association Council will seek to place a student activities fee referendum on the March 9 elections ballot. They decided Wednesday night to collect signatures for the proposal, which would institute a mandatory fee for all undergraduates and place activities funding under UA control.

The fee would allow a large increase in the number and types of campus activities receiving fund-

## Faculty blast applied bio cut

By Andrew L. Fish

Faculty lashed out at MIT's decision to eliminate the Department of Applied Biological Sciences at Wednesday's faculty meeting. Professor Arthur C. Smith said the decision had rendered "almost irreversible" damage to the Institute, and gave the appearance that the faculty had to "protect themselves" from the administration.

Others called the move "demeaning to the faculty" and "a great folly."

While Provost John M. Deutch '61 admitted that the decision-making process which led to the elimination of the department "was not [his] finest hour," he stood by its outcome, arguing that the department faced the problem of trying to intellectually bridge diverse fields ranging from toxicology to separation techniques. The decision was made primarily for these intellectual reasons, but economic concerns played a role, Deutch said.

The fields studied in the applied biological science department could be pursued within existing departments, Deutch said.

The decision had been taken without the consultation of the department's faculty, visiting committee or students, Deutch admitted. He noted that the future of the department had been discussed for several years, but said that in the future the administration would "certainly do better in communicating" its plans.

But "even with perfect due process . . . conflict cannot be avoided," Deutch said.

After the meeting President Paul E. Gray '54 said he deserved a large share of the blame for the flawed decision process. In particular, he said there should have been a clearer idea of how to implement the proposal before it was announced. But Gray added that an open debate on the future of the department would probably never come to a satisfactory

conclusion, and he noted an extended heated argument on the issue would have some negative effects.

Biology Professor Jonathan A. King expressed frustration that while the faculty seemed generally opposed to the decision, nothing was being done to reverse it. He suggested a motion that the administration rescind the decision and bring the issue before the faculty. The motion will be

(Please turn to page 16)

## Grad students outraged about department's fate

By Niraj S. Desai

Dean of Science Gene M. Brown attempted to assuage the fears of graduate students in the Department of Applied Biological Sciences at an open meeting yesterday. But many students remained dissatisfied with Brown's comments on the elimination of the department.

The meeting had been arranged at the request of students who felt they had not been kept adequately informed about the situation. Brown apologized for not calling such a meeting himself earlier.

"I want to assure all the graduate students that we will [enable] . . . you to finish your degrees in a timely fashion," Brown told the audience of about 100, primarily composed of students and re-

search associates in the department.

Brown said that the current guidelines governing completion of degree programs in Course XX would still be followed. MIT will offer doctoral examinations in applied biology in January 1989 and beyond for those students "in the pipeline," Brown said. The manner in which thesis committee members are chosen will not be altered, he said.

Even if a student's advisor should move to another department or to another university, MIT will still make an effort to allow the student to complete his degree in applied biology at MIT, Brown stated.

But Brown did not offer very many details about what would happen. He could not answer questions about how graduate programs will be administered after 1989 when the department is phased out, or about how difficult it would be for graduate students to find advisors or funding. He said only "we will work that out."

Many students felt such details should have been worked out before the decision to disband the department was taken.

Some members of the audience attacked Brown's lack of specificity, asking "when will we know?" Questions of graduate students' status can only be answered in detail after the situations of departmental faculty members are settled, Brown said.

Brown initially attempted to avoid making a commitment on a

(Please turn to page 16)

## Boston hosts AAAS meeting

By Simson L. Garfinkel

Boston played host to this year's 154th meeting of the American Association for the Advancement of Science last week.

About 8700 scientists, students and reporters crowded the hallways and special function rooms of the Sheraton Boston Hotel, the Boston Marriott at Copley Place and the unfinished Hynes Convention Center for the conference, said an AAAS spokesman.

Nearly 1,000 papers were presented at 150 different sessions. At times as many as 22 different sessions took place simultaneously.

A running session on new developments in AIDS was the centerpiece of the convention, at times packing the Sheraton's Grand Ballroom. James W. Curran, director of the Center for Disease Control's AIDS Program, told the audience that over 41,300 new cases of AIDS were reported in the United States between June 1981 and September 1987. AIDS will be the third or fourth leading cause of premature death as measured by years of potential life lost by 1991, Curran said.

Other presentations focused on how the AIDS virus works and the social consequences of the epidemic.

Nearly a fifth of the sessions were devoted to non-technical issues such as science and technology policy, ethical issues in bioscience, arms control, philosophy of science, and science education. Lewis M. Branscomb, director of the Science, Technology and Public Policy program at Harvard's Kennedy School of Government, gave the first paper in a day-long session entitled "Science Advice to the Next President of the United States." The technology of urine drug tests as well as their impact on the workplace was the topic of nine papers in another session.

The physics program featured presentations of five papers on laser physics, including medical and military applications, a special session on parical and very high energy physics, and a day-long program on superconductivity. On the exhibition floor, scientists from the Argonne National Labs demonstrated their superconducting motor which most of the scientists attending the conference had only seen photographs of in the news media.

The annual AAAS meeting is the largest general science convention of the year. Next year's conference will be in San Francisco.

ing, UA President Manuel Rodriguez '89 told the Council. If passed, the measure would remove control of activities funding from the Office of the Dean for Student Affairs.

Rodriguez said that Dean for Student Affairs Shirley M. McBay opposes giving more to student activities, as she feels other projects are more important.

Initially, the fee would be set at \$18 per term per undergraduate student, according to a proposal circulated at the Council meeting. Currently, student activities allocations account for about seven dollars of each student's

term tuition bill, but this amount is not separately designated. The referendum would effectively increase each semester's tuition by \$11, beginning with the first term of the 1988-89 academic year.

Several UA Council members had questions about the way the referendum would put the fee level under the control of the Council. Freshman Class President Andrew P. Strehle '91 was concerned that the provision allowing the UA to raise the fee would result in recurring annual referendums by those opposing the funding decisions.

Jeffrey A. Meyer '90 felt that

(Please turn to page 8)

## COD lets off Penn and Fernandez

By Michael Gojer

The Committee on Discipline has decided not to punish Steven D. Penn G and Stephen P. Fernandez '87 for disrupting last June's commencement. Penn and Fernandez, along with several dozen other students, blew whistles during the address of President Paul E. Gray '54 as a protest against a variety of MIT policies.

Penn received a letter yesterday from Paul C. Joss, chairman of the COD, which informed him of the committee's decision. The letter stated that, "although the committee believes that the disruption of commencement exercises in this manner is inappropriate, the committee also finds the action of the Campus Police in bringing charges against only two of the demonstrators to have been arbitrary and capricious."

Penn had argued that he and Fernandez had been unfairly singled out — of all the protesters who had participated in the whistle-blowing, only they had

been charged.

But Campus Police Chief Anne P. Glavin claimed that "we charged the ones that caused the most disruption" and "the ones we identified." Glavin said that while the Campus Police had heard reports of almost 50 people being involved in the protests, they had not seen that many. She said that, in any case, getting "every single person involved" was irrelevant to the case of those actually charged. She would not confirm whether the Campus Police had made efforts to learn the names of other protesters.

Glavin said yesterday that she was "not happy with [the decision] at all." She said it was "extremely unfortunate that the COD would consider the disruption of commencement exercises as merely 'inappropriate.'" Glavin said the students had gone too far by preventing parents and families of graduating students from listening to the commencement exercises. "I think some

punishment was appropriate . . . they didn't come anywhere near that."

Glavin's charges against Penn and Fernandez were made on Dec. 14 — four months after a Middlesex County court had dismissed the charges the Campus Police brought against the students there. Penn and Fernandez suggested that they were being harassed by the Campus Police, possibly for their role in the "Tent City" encampment last fall.

But Glavin explained that then-Campus Police Chief James Olivieri had filed charges with the COD in June at the same time he brought criminal charges in Middlesex County. The COD inexplicably failed to act timely on the charges, and asked her to resubmit them when she became chief in December, she said.

Glavin said it was "not unusual" for the Campus Police to file charges simultaneously in court and with the COD.

## Curran discusses AIDS work

By Mary Condello

"As scientists we are both leaders and citizens," said Dr. James W. Curran, director of the AIDS program at the Center for Disease Control. Scientists have a challenge to be knowledgeable about AIDS and provide advice about the disease, he said. "Society expects us to be compassionate and capable." Curran spoke at the annual meeting of the American Association for the Advancement of Science last Friday.

People must focus on prevention as a means of dealing with

AIDS, Curran said. "We can't wait for technology to save us." Since it will most likely take years to develop a vaccine against AIDS, we must concentrate on education and information.

Journalistic coverage of AIDS has been mediocre, Curran asserted. There is a lot of misinformation circulating about the disease. While almost all people recently surveyed knew that AIDS was transmitted by sexual intercourse and intravenous drug abuse, many incorrectly believed the disease could be contracted by mosquito bites or by donating

blood, Curran said.

Education about AIDS should be aimed at the general public, school and college-age people, persons at high risk, and health care workers — both to protect themselves and to help other risk groups, Curran said.

AIDS is "particularly challenging to deal with because it involves sex and drug abuse," two issues which we generally do not feel comfortable discussing, Curran asserted.

Another difficulty for AIDS educators is that AIDS has a moderate incubation period — 5-7 years. Diseases with short incubation periods pose a clear and immediate danger, causing people to be very careful about avoiding the disease. Ones with moderate and long incubation periods, with several years between exposure to the disease and the onset of the disease, allow people to separate risky behavior that could transmit AIDS and the fact of dying from AIDS, Curran said.

While many people are not protecting themselves from AIDS, certain high risk groups are beginning to change their lifestyles in order to survive, Curran said. Needle sharing in New York City has decreased since the dangers of contracting AIDS through needle sharing has been publicized. In contrast, needle sharing in San Antonio has in-

(Please turn to page 8)

## Networks change the way people utilize computers

By Simson L. Garfinkel

Computer networks and electronic mail are changing the way groups of people use computers, in individual schools and across the country, several researchers reported Monday at the annual meeting of the American Association for the Advancement of Science.

College is the place where many students receive their first exposure to electronic mail — the ability to exchange messages with another user or group of users.

But an elementary school in Harlem, NY is using an electronic mail system to coordinate the activities of sixth graders in a science class. The system is called Earth Lab. Denis Newman, a senior scientist at BBN Laboratories in Cambridge, described the system before a group of computer specialists at the AAAS seminar.

Earth Lab consists of a word processor which lets students write their papers, a data base management program to keep track of the data from the school's rooftop weather station, and an electronic mail system to let students communicate with each other and their teachers. The idea of the project, Newman said, was to see if a local area network could be used in a school to foster collaboration between students, much as it does in research laboratories at BBN

and MIT. Using the system, built upon a small network of 45 Apple II microcomputers, students have started exploring ways of working together which were unanticipated by their teachers, Newman said.

This spring, nearly two hundred elementary schools across the country are participating in a single experiment measuring acid rain. Students in each school measure the acidity of rain and enter the information into an Apple computer, said Robert Tinker, director of the Technical Education Research Center in Cambridge. At night, each computer automatically telephones a central computer and transmits the observations. John Miller, a practicing scientist with the National Organization for Atmospheric Analysis combines the nation's data, comments on it, and sends a summary back to each school, Tinker said.

Students in the program are excited by the fact that they are taking place in a real experiment — one where the answers are important and not already known, according to Tinker. "This is actually going to be one of the largest experiments underway," he said. "We will have a better system for collecting acid rain data than the federal government." The software and associated laboratory equipment is due to be

(Please turn to page 8)

## Meteorologists continue to improve predictions

By Simson L. Garfinkel

Meteorologists are getting better at predicting the weather, but their progress has been very slow. Also, weathermen are more skillful at predicting temperature than the chance of precipitation or the amount of rain. These findings were presented last week before the annual meeting of the American Association for the Advancement of Science.

The findings are derived from statistical studies over 18 years by MIT Professor Emeritus Frederick Sanders ScD '54.

The principle finding, Sanders said, is that the skill level of "state-of-the-art meteorologists" has been improving on average 0.5 percent for nearly the past twenty years. "That may not seem like a lot," Sanders said, "but that's five percent a decade and 50 percent a century."

The experiments started in 1966 as a contest between students and faculty in what was then the department of meteorology. Each day at lunch people in the department would meet and predict the low temperature and chance of precipitation for one, two, three and four days ahead.

One of the important findings of the study, Sanders said, was that the group as a whole made better forecasts than any individual. He called it "a result that Thomas Jefferson would be proud of."

"My explanation for that," he said, "is that we all have our bad days." Sanders said his own score fell 2 percent below the consensus. Based on this finding, Sand-

ers advised people to "shop around" when looking for a weather report.

It is misleading to evaluate a weather forecast by its accuracy, Sanders said, because it is possible to make fairly accurate forecasts based on statistics alone, without taking the weather into account.

"In Boston it rains, on average, one out of every three days. If you forecast no rain, your forecast will be right 66 percent of the time," Sanders said. Instead of accuracy, meteorologists rate a forecast's "skill" — how much better the forecast does compared to one based solely on statistics.

Course XII meteorologists were about 50 percent better than the statistical model for the first day of the forecast, Sanders said. Each successive day their skill level fell by half.

Skill at predicting the chance of precipitation was much worse — only 20 percent better than chance on the first day and no better than chance by the fourth.

Sanders pointed out that the study only looked at overall performance, not results for individual storms. "Sometimes the weather is just hard to predict skillfully," he said.

The study was confirmed by similar work at the University of Illinois and at the University of New York at Albany, Sanders said. Those institutions had evaluated forecasts from the National Weather Service and found slightly higher skill levels, he said.

(Please turn to page 9)

## NSF announces new plan for Japanese study

By Simson L. Garfinkel

The National Science Foundation formally announced its new Japan Initiative last week, a program designed to send researchers to Japan and to encourage US scientists to learn Japanese. Douglas B. McNeal, an information analyst in the foundation's International Programs group, was publicizing the initiative at this year's annual meeting of the American Association for the Advancement of Science.

Few US scientists, it seems, have wanted to spend a year working in the land of the rising sun. But the number of programs encouraging them to do so is increasing.

Americans are hesitant to go to Japan because of language and other cultural barriers, according to Charity Goodman, who evaluates an international program for the National Institute of Health. While a transplanted researcher would probably speak English in the laboratory, some knowledge of Japanese or a willingness to learn is essential for shopping and other day-to-day activities.

Foreigners in the United States are less intimidated by these barriers, according to Alan Engel, who tried to find US chemists interested in going to Japan. "Peo-

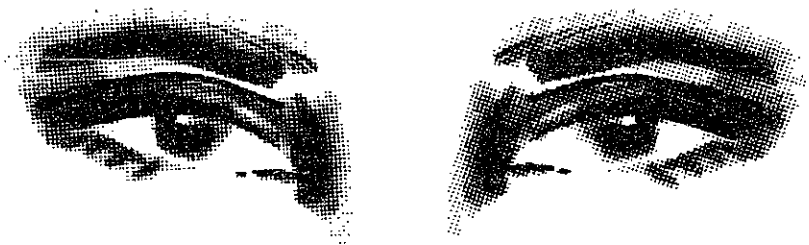
ple who have come to the US are already predisposed to go to a foreign country," he said. "Whether it is the US or Japan probably doesn't make that much of a difference."

To find those US chemists interested in spending a few years in Japan, Engel placed an advertisement in the Jan 18 issue of *Chemical Engineering News*. Out of the first 15 inquiries he received, 14 were from foreign born researchers, he said. Within three weeks he had 42 responses, the majority of them foreigners from Korea, Taiwan and India.

Since 1975, the National Institute of Health has been sponsoring fellowships for senior researchers to partake in ongoing research projects in foreign countries. In that time, the program, administered by the John E. Fogarty International Center, has funded 597 fellowships, said Goodman. Only 13 of the fellowship recipients have gone to Japan: 228 have gone to the United Kingdom, far more than to any other country.

The Japanese want US researchers, Engel said, to help the country change its research system from one based upon group work to one based upon individ-

(Please turn to page 9)



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# news roundup

from the associated press wire

## Nation

### Richard Feynman dies at 69

Richard P. Feynman '39 died Monday night in Los Angeles after an eight-year battle with abdominal cancer. Feynman, 69 years old, was a Nobel laureate in physics, a best-selling author and former member of the presidential commission that investigated the Challenger disaster. After receiving his doctorate from Princeton University, he joined the team that developed the first atomic bomb at the Los Alamos Scientific Laboratory.

Despite his illness, he continued to teach at the California Institute of Technology until just two weeks ago.

Institute Professor Philip Morrison called Feynman "the most original theoretical physicist of our time," according to a report by United Press International. He is perhaps best-known for his 14-week best-seller *Surely You're Joking Mr. Feynman* and his indispensable *Feynman Lectures on Physics*.

### House ethics committee asks for Biaggi's expulsion

A New York congressman faces the possibility of becoming only the second member of the House of Representatives since the Civil War to be expelled from Congress. The House ethics committee has recommended Democrat Mario Biaggi be expelled after being convicted of accepting favors for his help in steering government contracts to a Brooklyn shipyard. Biaggi says he will fight the recommendation.

## World

### US making efforts to free hostage

President Reagan told reporters yesterday the government is doing all it can to find the latest hostage taken in Lebanon — Marine Lieutenant Colonel William Higgins. But administration officials said that when Reagan said he wants to "rescue" Higgins, he was not referring to any US military operation. Higgins was kidnapped Wednesday while on an observer mission for the United Nations. A group known as the Islamic Revolutionary Brigade claims responsibility for the abduction.

### Reagan reveals budget plan

President Reagan yesterday unveiled his record 1989 budget plan, a proposal to the tune of \$1.1 trillion. Education, science, and AIDS research will get increased funding under the plan. The proposal also calls for a limited increase in military spending, but the increase will not keep pace with inflation. Congressional members say they will meet their April deadline for a budget resolution.

### Kennedy sworn in

Anthony Kennedy joined the highest court in the land yesterday as its ninth justice at a pair of swearing-in ceremonies. The US Supreme Court is now at full capacity as Kennedy filled a void left eight months ago by the retirement of Lewis Powell. As President Reagan's third appointee, Kennedy vowed yesterday to "do equal right to the poor and to the rich."

### Babbitt and DuPont drop out

At least two candidates vying for the Presidential nomination will not be headed south. Yesterday, former governors Pete DuPont of Delaware and Bruce Babbitt of Arizona bowed out of the Presidential competition in separate news conferences. The Republican DuPont and the Democrat Babbitt fared poorly in the races in Iowa and New Hampshire.

### Oscar nominations out

No one film dominated the nominations for the 60th annual Academy Awards. The five films nominated for best picture were *The Last Emperor* (9 total nominations), *Broadcast News* (7), *Moonstruck* (7), *Fatal Attraction* (6) and *Hope and Glory* (5).

*Broadcast News* earned major-award nominations for Holly Hunter (actress), William Hurt (actor), Albert Brooks (supporting actor) and James L. Brooks (original screenplay). It was Hurt's third nomination in three years.

The other nominees for best actress were Cher (*Moonstruck*), Glen Close (*Fatal Attraction*), Sally Kirkland (*Anna*) and Meryl Streep (*Ironweed*). Nominees for best actor, in addition to Hurt, were Michael Douglas (*Wall Street*), Marcello Mastroianni (*Dark Eyes*), Jack Nicholson (*Ironweed*), and Robin Williams (*Good Morning, Vietnam*).

### Fremont water supply contaminated

Hundreds of people around Fremont, Ohio, were being evacuated yesterday as a toxic chemical seeped down a river and headed for Lake Erie. The Ohio environmental protection agency told officials in Fremont to stop drawing water from the Sandusky River after the chemical seeped into the water. A local water plant official says about one day's supply of water is stored as a back-up.

## Weather

### It's not over yet

The above normal temperatures of the past few days will be just a pleasant memory by early next week as the atmosphere takes on a more decidedly mid-winter look. Very cold air has been building up in Siberia and Northwestern Canada over the past week and now is on its way southeastward to end our relatively mild weather. Before the cold weather arrives, we'll have to deal with a low pressure center moving out of the southeastern United States into southern New England. Because we lack a cold surface high to our north, this precipitation event will be primarily a rain event for southern sections of the region. After this low passes Saturday, the first in a series of cold fronts will cross the region late in the day. Behind each front, progressively colder air will enter the area.

**Today:** Becoming mostly cloudy with rain and/or wet snow developing toward evening. Winds southeast 10-25 mph. High 40°F (4°C).

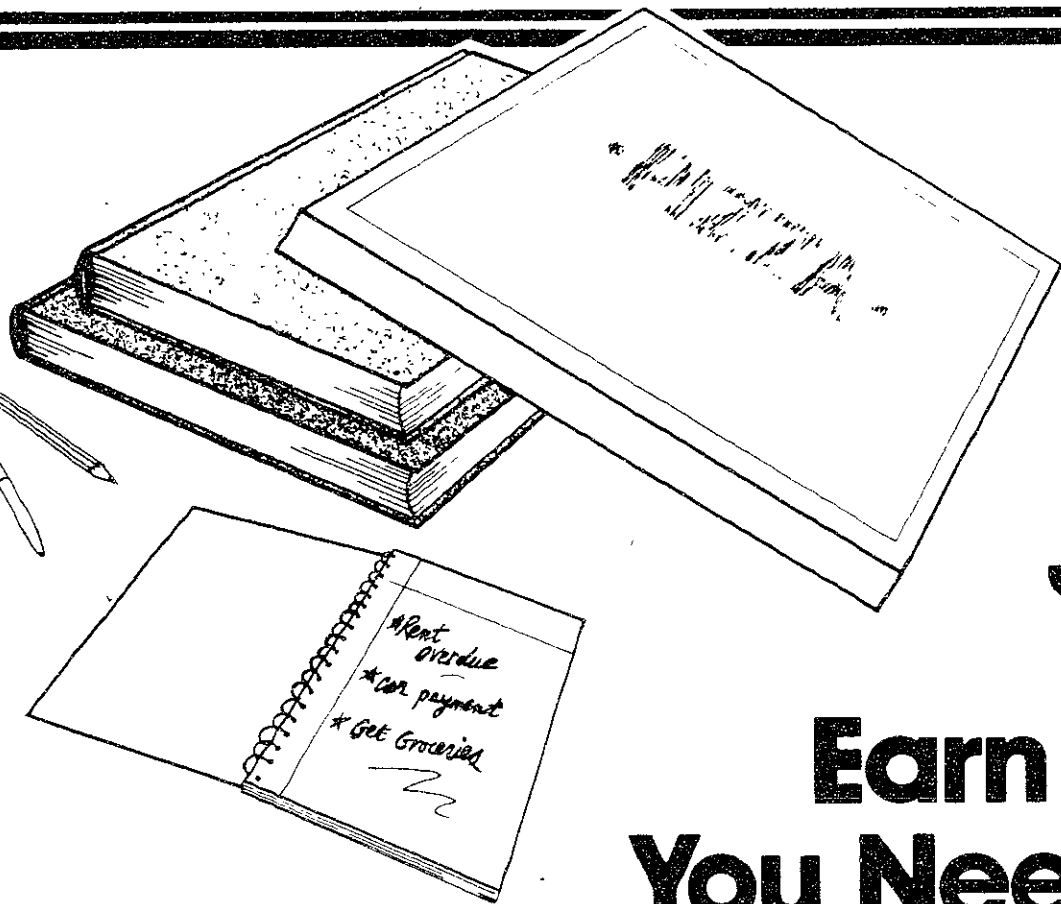
**Tonight:** Any mixed precipitation turning to all rain in the local area. Wet snow continuing far to the north. Breezy and mild. Winds southeast 15-25 mph. Temperatures steady or slowly rising.

**Saturday:** Rain ending early with partial clearing. Winds shifting to northwest 10-15 mph. High 40-45°F (4°-7°C), low 20-28°F (-7° to -2°C).

**Sunday:** Clouding up with snow developing during the afternoon. High 35°F (2°C). Low 22-26°F (-7° to -3°C).

Forecast by Michael C. Morgan

Compiled by Julian West and Michael Gojer



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# opinion

Column/Daniel J. Glenn

## US uses media to nix cohorts

Under a gold-braided brim, his pock-marked face glares at us with half-open eyes; a snarl quivers on his lips. With the words DRUGS, MONEY and DEATH in bold, white letters alongside this monstrous face, *Newsweek* proclaims General Manuel Antonio Noriega this week's man to hate.

There is, of course, plenty to hate about this man. *Newsweek*, along with nearly every mainstream magazine and newspaper on the stands, has pulled out all the stops on their villain-maker machine. Noriega, RAPIST, rapes a thirteen year old; Noriega, MURDERER, ships an opposition leader's headless body to Costa Rica in a US mail-bag; Noriega, TORTURER, applies electrodes to the testicles of an anti-government graffiti artist; Noriega, OVERZEALOUS COMMIE-KILLER, demands the ears of dead guerrillas; Noriega, THIEF, officially makes \$40,000 but somehow owns a fleet of BMW's; Noriega, EGO-MANIAC, flies to Switzerland to smooth his "corrugated skin"; Noriega, BRAGGART, claims he manipulates Americans like "monkeys at the end of a chain"; Noriega, DRUG-DEALER, rakes in cocaine-cash; Noriega, ADULTERER, "has an illegitimate son" from his mistress; Noriega, HOODED SADIST, shouts "with pleasure" while an ex-girlfriend is "sexually tortured"; and, worse yet, Noriega, CONTRA SUPPORTER, takes orders from Oliver North. My God, who is this beast? He's everything but the anti-Christ!

There's good reason to believe that most everything the Media says about the naughty General is true; the "US intelligence sour-

ces" that give *Newsweek* and friends most of their information about Noriega know him very well. He's been their devoted employee for more than thirty years. Noriega began working for the CIA while still a young cadet at military college in Peru, supplying information on "suspected leftists" among his classmates. His career as a CIA informant began before his career as a rapist, although shortly after graduating he raped a prostitute in Colon. Fortunately, another good friend of the US State Department, Omar Torrijos, pulled some strings to keep Noriega out of the slammer.

Torrijos eventually became the dictator of Panama in a coup in 1968. His reign was kept afloat with generous US military donations until 1981 when his plane "mysteriously" crashed. That plane crash might very well have had something to do with the fact that the Reagan Administration came into power in 1980. The Republican's love affair with Torrijos ended in 1977 when he and Jimmy Carter signed the Panama Canal Treaties, guaranteeing Panamanian control of the canal and withdrawal of US troops by 1999.

But Noriega was our man; he'd done our dirty deeds faithfully, along with a few of his own, as the head of the policing section of Panama's National Guard. He was sure to listen to reason, and if not, he'd jump when we threw him a bar of bullion. And for awhile, he was a good little dictator, helping the CIA sidestep Congress in supplying other rapists and murderers (the "contra") in Honduras and Costa Rica.

But when it came to the crucial

question: Would he be a good boy and forget about that silly treaty between Carter and Torrijos? Noriega said no. The State Department discovered, in their own words: "Noriega was for rent, not for sale." Time to say goodbye to our old friend.

So they cranked up the "villain-maker" machine. Remember, the Media doesn't pick what villain to create next, they just wait for press-releases. The people of Panama have always known what a rotten bastard Noriega is, just like the people of the Philippines always knew what a rotten bastard Ferdinand Marcos is. And the *Newsweek* reporters, and every other major press, most likely had plenty of dirt on the man for years. But suddenly, as though on cue, the press has launched a major attack on Noriega. The attack curiously corresponds with the decision by Noriega's disenchanted employers to get rid of him.

The Reagan Administration must have decided another "mysterious" plane crash would be too obvious, so they went for smear tactics. Why not, it worked so well with Marcos and Baby Doc when they were no longer useful. And it's so easy because they don't even have to make up the dirty scoop, they've got his slimy resume right in their file cabinet, labeled "Dirty Dictators: federal employee #23." They just shovel the shit out of the drawer and eager reporters come running, pooper-scoopers in hand, preparing to unload it on the rest of us.



Column/Mark E. McDowell

## Examining life's refuse on the ice-covered river

So, how thick is the ice anyway? MIT students on both sides of the Charles have been asking this question since the beginning of Independent Activities Period. In previous years, daredevils have tested the waters in person, trekking from Cambridge to Boston, sometimes with tragic mishap. This year things have been a little different. Instead of testing this ice with a tried and true human body, the rage seems to be throwing heavy things onto the ice. Have you noticed anything strange out there lately?

By the middle of January, most people convinced themselves that

a beer can would not break the ice. Nor would small stones, sticks, or condoms. But it wasn't until several weeks into IAP that people grew bold. On the Boston side, there was an entire case of empty champagne bottles on the unbroken ice. In the same week, two mattresses also joined the party. By the third week of January, there was also a portable stereo and toilet on the ice. What's going on out there?

By Superbowl Sunday, the Charles looked more like a north Texas flea market than a river. Apparently a disgruntled Bronco fan decided to protest news reports by throwing a *USA Today* newspaper dispenser into the river near the boathouse.

Just when the Charles began to reach its cluttered peak this year, Mother Nature came to the rescue with a warm front. Of course, the river did not thaw entirely (as any crew person will tell you); but it did soften sufficiently to swallow up most of the rubbish that had accumulated on its surface. Careful observers of the river have been speculating on the results of the recent cold front. Side bets on campus predict two to one odds that someone will show a pornographic movie on the ice, highlighting the many loopholes of the newly revised policy.

I'll wrap up this column with one simple question: Do people throw things on the river just to see if the ice is thick, or does this kind of thing happen year round and we only notice when the ice is there?

## LSC displays violence and exploitation

(Editor's note: The Tech received a copy of this letter addressed to the Lecture Series Committee)

To the Lecture Series Committee: Congratulations! It's a miracle: your poster announcing this weekend's movies didn't have a single gun or bikini on it! Could this be the beginning of a trend?

It's a continual offense to have one's eyes assaulted, week after week, by your homogenized displays of violence and exploitation. The pornographic movies shown during rush week worry me less than your repeated incultations do. The movies you choose to show encourage viewers to accept violence as normal, even amusing. You surely provide a useful service to MIT's powers-that-be. Maybe you should think about it.

Anne D. Nissen G

## feedback

### Revised porn policy flies in face of COD decision

To the Editor:

I showed *Deep Throat* in order to demonstrate the inappropriate nature of the MIT Policy on Sexually Explicit Films. I succeeded, as the Committee on Discipline ruled that the policy "constitutes an excessive restraint on freedom of expression at MIT," and that it was "therefore inappropriate for MIT." The Faculty Policy Committee has made a mockery of the COD and the system of rules of MIT by suggesting that the heart of the policy be kept.

The COD asked the FPC to review the policy because it was inappropriate and needed to be changed. The FPC report did not address the issues raised by the COD, but instead chose to arrogantly flex its muscles in the face of the COD, despite the fact that due to the precedent already set, the policy can and will not be enforced.

forced.

There have been no scientifically controlled neutral experiments which have shown that sexually explicit films have any negative effects. The ideas some people feel are expressed in them can be offensive, but censorship (defined as removal or suppression of morally or otherwise objectionable material) of these offensive ideas is not the correct response. If everyone could outlaw one idea or book, what would we have left? The Bible is the most banned book ever.

The one significant change the FPC has suggested is in the review guidelines of the past policy which are clearly flawed, but they have not proposed any new ones. This report is a call for censorship of something which they will later define — something even

(Please turn to page 5)

### Statements on public housing show prejudice

To the Editor:

The Cambridge Housing Authority and its tenants deeply resent the implication of a statement in your article about a recent series of robberies in the Central Square area ["Robber works Tech Square," Jan. 27]. An indirect quotation attributed to Anne F. Glavin of the MIT campus police stated that "Housing projects located in the area contribute to the high crime rate"

No population is free of crime, including the MIT student body, but the vast majority of members of normal populations are law-abiding people. That includes

public housing residents, who are trying to raise families decently despite their poverty. The statement denigrates them all as a group. In fact, the suspect in the series of robberies, according to the police, has a Boston address.

In my opinion, one doesn't have to work hard to glean the unconscious prejudice against public housing and its residents in the statement or in the newspaper that so unquestioningly prints it.

Daniel J. Wuenschel  
Executive Director  
Cambridge Housing Authority  
Jean Swanson  
President, Tenant Senate

# The Tech

Volume 108, Number 5

Friday, February 19, 1988

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# opinion

## feedback

### Porn policy is inappropriate for MIT

(Continued from page 4)

more scary than censorship of something concrete.

The FPC did not propose any review guidelines because the past guidelines, and any definitions of pornography, are purely subjective. The Supreme Court has not even tried to define obscenity, which is even more specific than pornography. But former Justice Potter Stewart, after admitting that he could not define it said, "I know it when I see it."

Terms like "normalcy in sexual-

ity," and "no sexuality being objectified," are often used, whatever they mean. The only real definition of pornography is "Involving sex or sexuality in some graphic way and offensive to the individual who labels it pornography." Do we want a board of censorship ruling on "normal" sexual practices and imposing its personal morality on all of us? If a policy were proposed in which scientific discoveries could only be published if a board of censorship ruled that the ideas "re-

fect believable reality or normalcy," there would be a mass outcry.

In the report, the FPC raises the question of whether this censorship will hold up in court. MIT is an academic institution whose purpose is the exchange of ideas among students, professors, researchers, and other members of the greater community. Some of these ideas might be "bad" or wrong, but they should not be outlawed. The question should not be how much censorship can MIT get away with. As an institute of higher education, it should be held not to the minimum legal standards of freedoms set for the government, but to a much higher standard to encourage all ideas to be expressed.

Ideas should not be reviewed and outlawed if they offend someone. They should be allowed out in the free marketplace of ideas where they can be judged by each individual and accepted or rejected based on their own personal beliefs, not on the beliefs and morals of the members of a board of censorship. This proposal and any other attempt at censorship should be rejected.

Adam Dershowitz '89

### Mao played vital role in IAP's Cafe 13 success

To the Editor:

We are elated by the growing support for expansion of Cafe 13 from an Independent Activities Period-subsidized function to a year round facility, as reported in the Feb. 12 issue of *The Tech*. Credit for the success of Cafe 13 should be given to Yichen Mao '89, the cafe manager for this past IAP. It was her publicity that brought more people, particularly students, to the cafe. Singlehandedly she organized

an impressive series of noontime concerts by MIT performers. With Yichen's energy, commitment and charisma IAP's Cafe 13 would never have become a catalyst for the establishment of a permanent gathering place. We hope the entire MIT community will join us in thanking Yichen for this outstanding contribution.

Mary Enterline  
Maryglenn Vincens  
Patricia Murphy  
*The IAP Staff*

### Japan must not forget its history

To the Editor:

After rewriting its history textbooks by eliminating the atrocities it committed against the Chinese during the Second World War, the Japanese government is now showing an abridged version of the movie *The Last Emperor*, with the elimination of the half-minute newsreel footage of the brutal massacre that the Japanese soldiers committed against the Chinese in Nanking and Harbin.

According to a *New York Times* article on Jan. 21, the film director Bernardo Bertolucci said that he had thought that the Japanese distributors agreed on cutting only 18 seconds of materials about biological warfare that the Japanese had conducted in the Chinese city of Harbin. On Jan. 20, however, Bertolucci learned that the entire black-and-white footage on the Nanking massacre had been cut by the Japanese distributors without his authorization and against his will, and without notifying him.

The Japanese distributors, on the other hand, claimed that Bertolucci and the film producer, Jeremy Thomas, had made the original proposition to mutilate the movie. "This is absolutely false and revolting," said the director, according to the article. The director's extreme unhappiness has alarmed the Japanese to restore some of the footage that they cut. If it were not for the director's anger, the entire true newsreel would be completely missing from the Japanese version. Whether the cut was authorized or not is beside the point. The question is why the Japanese want to cut that honest war footage.

350,000 Chinese civilians were tortured and murdered within two weeks after the Japanese Imperial Army took Nanking on December 13, 1937. Each Japanese soldier saw exactly how each

person died, just as in the Nazi concentration camps. Post-war Germany, however, unlike Japan, fully admits to its war crimes against the Jews and has provided compensation to Israel.

December 1987 marked the 50th anniversary of the Nanking massacre. The world is very quiet about it, except for those 45 seconds in this one movie. Is that too much attention to ask of the Japanese people in memory of 350,000 Chinese so savagely slaughtered during that long winter by the Japanese soldiers? In addition, I must add that some of the newsreels filmed on location by Japanese military were used for their later viewing entertainment.

For the benefit of their own society, I think that the Japanese should be honest about history to their children, because people can learn from their own mistakes. Human beings are not perfect, in the sense that we all make mistakes once in a while. Mistakes and failures, if viewed as a source of knowledge, can lead to success. Mistakes forgotten can easily be made again. Bright people can learn from their mistakes effectively. I believe that the Japanese, being such high achievers according to today's definition of national success, comprise a group of such bright people.

It is therefore not sensible for the Japanese government to hide such a serious mistake. By hiding this mistake, the older generations are living with guilt that they are forbidden to tell, and the younger generations are living in total ignorance of what is possible if a nation's aggression reaches a fanatical peak. It is unhealthy that what the older generations know is inconsistent with what the younger ones know. More importantly, it is dangerous that when the old generations die

out, the younger generations are more likely to commit the same crime, due to ignorance. In light of avoiding repetition of historic tragedies, it would seem to me an even greater mistake to erase what has happened. To avoid such a human failure again, I think it would be to Japan's and the world's best interest to pay serious attention to educating the Japanese about the truth, and about facing the truth.

Ruth Y. Shyu G

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- 3) Entries must be typed, double-spaced on 8 1/2" x 11" bond paper, one side only. A separate cover sheet should list the entrant's name, school, home address and title of the essay. Subsequent pages should be numbered sequentially and include the essay title in the upper right margin. Winners will be required to produce proof of current full-time college or university enrollment.
- 4) All entries must be postmarked by March 31, 1988, and received by April 15, 1988 to be eligible for consideration. Submit entries to: NCR Stakeholder Essay Competition, NCR Corporation, Stakeholder Relations Division, Dayton, Ohio 45479. NCR is not responsible for, and will not consider, late, lost or misdirected entries.
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Stakeholder Relations Division  
1700 South Patterson Boulevard  
Dayton, Ohio 45479

NCR's Mission: Create Value for Our Stakeholders

# opinion

## feedback

### Amnesty group seeks aid for Korean

To the Editor:

The Amnesty International MIT Group is currently concerned about the circumstances surrounding the imprisonment of Cho Il-ji in South Korea. Cho Il-ji, a Korean student from Japan who was studying trade at Sungkyungwan University, was arrested on September 1, 1984, at Kimpo Airport in Seoul, and sentenced to seven years imprisonment on April 3, 1985, for espionage on behalf of North Korea. He is currently detained at Kwangju prison. According to Amnesty International, it appears that the only evidence against Cho Il-ji introduced at his trial was Cho Il-ji's confession at a preliminary hearing; however, Cho Il-ji repudiated his confession at his trial and claimed that he had been tortured.

In addition to seeking the release of prisoners of conscience — people who have been imprisoned for their beliefs, color, sex, ethnic origin, language, or religion provided that they have not used or advocated violence, Am-

nesty International also works to see that all political prisoners receive fair and prompt trials. The right to a fair trial is recognized in the United Nations Universal Declaration of Human Rights and the International Covenant on Civil and Political Rights. The International Covenant on Civil and Political Rights has established the following standards for fair trials:

- the presumption of innocence
- informing detainees promptly and in detail of the charges against them
- the provision of defense lawyers chosen by the prisoner
- open trial in the presence of outside observers
- the testimony of defense witnesses and the right of cross-examination
- the repudiation of evidence extracted under duress or torture
- no discrimination based on grounds of sex, religion, or race
- the right of appeal.

In Cho Il-ji's case Korean law also appears to be violated. The

Code of Criminal Procedure of the Republic of Korea states that a confession, if it is the only evidence against a defendant, is not sufficient to prove guilt, unless the authenticity of the confession is established before a judge by the person who made it and the confession is "undoubtedly believed to be true," conditions which appear not to be satisfied in Cho Il-ji's case. Korean law also prohibits the use as evidence of a confession that was extracted by use of torture.

The Amnesty International MIT Group is asking that Cho Il-ji's allegations of torture be investigated, that the disputed confession be thrown out as evidence, and that Cho Il-ji be granted a new trial if there is any other evidence against him. The Graduate Student Council has approved a resolution of concern for Cho Il-ji. We ask that anyone who is concerned about human rights to write to His Excellency Suh Myong-won, Ministry of Education, 77 Sejong-no, Chongno-gu, Seoul, Republic of Korea to express concern for Cho Il-ji.

Richard R. Koch G  
Amnesty International  
MIT Group coordinator

### Protest GE's influential role in weapons policy

To the Editor:

You have probably seen the posters, the buttons, and the INFAC representatives at their ironing boards. You may even have participated in the Nestle boycott which gave INFAC its name (the Infant Formula Action Coalition). But what is this General Electric boycott all about? Corporate responsibility. . . .

GE and other companies are an integral part of the weapons industry not because they are filling a demand shaped by the government, but rather because they help to create the demand. Do we really want to spend billions of dollars to augment an already obscene nuclear arsenal? I would prefer to see my taxes spent on AIDS research, educations, housing, rehab programs, environmental protection, you know, nice basic things — food, shelter, clean water.

Yet GE has over a hundred employees in Washington who lobby

to preserve their defense contracts. General David C. Jones, former chair of the Joint Chiefs of Staff and a member of the "Star Wars" Advisory Committee is also on GE's Board of Directors — no doubt "directing" all kinds of government contracts towards GE! Why does GE need to get involved with SDI when it already constructs the neutron generators for all the nuclear warheads in the United States? I think we all know the answer.

Corporate interference with weapons policy is not the only issue, either. GE is under investigation for other unprincipled exploits such as toxic waste dumping and contract fraud. I know that this is nothing new, and it's certainly not unique to GE, but I'm convinced that this is not reason enough to watch these practices continue unchallenged and unpublicized.

Janice Flory



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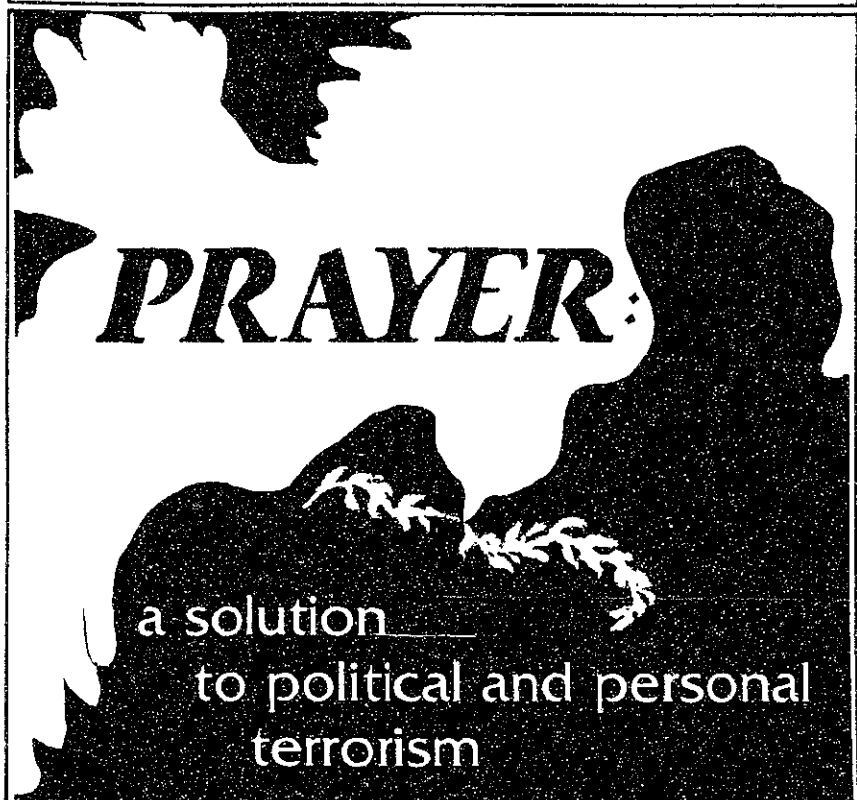
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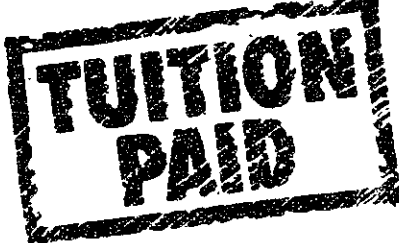
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## UA desires student activities fee

(Continued from page 1)

the UA Council should not be in control of the process, and that it would be too difficult for opponents of the annual spending plans to organize referendums.

Rodriguez and others replied that the Undergraduate Association and its Finance Board serve as representative bodies for students; UA members are elected to make these types of decisions, he said.

To alleviate these fears, the Council decided to amend the referendum to limit fee increases and reductions to no more than 10 percent annually. Any increases in the fee could be overruled by a majority vote of undergraduates in a referendum, according to the final proposal.

The referendum names as recipients of funding "activities recognized by the Association of Student Activities, dormitories, fraternities, independent living groups, sororities and honor societies." Under the current system only ASA activities can directly apply for funding. With additional funds available, other groups could receive support for activities "open to the entire undergraduate community."

Student groups had requested over \$210,000 for this year, of which the Finance Board of the

## Curran details current stats on AIDS epidemic

(Continued from page 2)

increased, probably because AIDS education is far more prevalent in high risk cities like New York. Homosexual men in a San Francisco study significantly reduced the number of partners they had, he said.

Statistics which attempt to identify high risk groups are uncertain, Curran said. While the number of homosexual and bisexual men with the HIV (human immunodeficiency virus) antibody, which signifies exposure to AIDS but not necessarily contraction of the disease, can be placed in the narrow range of 25-30 percent.

The number of prostitutes with the HIV antibody varies from less than two percent to 40 percent,

## Networks expand ways people use computers

(Continued from page 2)

published by National Geographic later this year. Grade schools all over the country will be able to purchase the kit and participate in one of ten national experiments for about \$60, he said.

**NSF applications could go "on the net"**

Computer networks are going to have an impact on the way the National Science Foundation's grant applications are made, said Harry Forsdick, another scientist at BBN. A new system, called Diamond, will allow researchers to submit their applications electronically by the Internet, a large network that connects many universities and companies in the United States, Forsdick said.

The purpose of Diamond is to

allow the NSF to "survive the paper blizzard," Forsdick said. The current system of grant proposals requires a grant applicant to send ten copies of a grant proposal to the NSF. Six copies are then sent out to reviewers, which are returned with comments. "And they are expected to have a mail-room of finite size," he added.

The new system uses no paper, allows the grant writer to freely mix text, graphics, video segments and sound. The same network that is used to submit the applications will also make it possible for researchers at different institutions to easily work on the same proposal, which should encourage collaboration between NSF-funded laboratories, Forsdick said.

UA deemed \$160,000 important to fund. The ODSA, however, provided only \$66,000. The UA selected the \$18 level to provide enough funding for activities that "should be approved no matter what," according to Rodriguez.

If the referendum passes, Rodriguez expects requests to soar to \$300,000 annually, with dormitories and the Interfraternity Conference seeking activities funding, and new groups asking for support. "It will be better if more is asked for than we have. Competition is a good thing to have," he said.

The UA has tried and failed to gain increased funding through the ODSA, Rodriguez said.

The UA went over McBay's head to Associate Provost S. Jay Keyser, who was in favor of increased funding, but "was not in a political position" to overrule her, according to Rodriguez. They then went to Provost John M. Deutch '61, to President Paul E. Gray '54, and to the MIT Corporation. "Everyone but McBay agrees that there is a need for increased funding," Rodriguez said.

As it was clear there would be no new funds from Dean McBay, the UA then considered a drive to raise a \$2 million endowment to

support student activities, according to Rodriguez. But it would take many years to raise that sum, and meanwhile activities would suffer.

Finally the Undergraduate Association decided to seek a student activities fee as a line item on the students' term bills. This method is currently used by 69 percent of colleges and universities, Davidson said. In addition to providing sufficient funds for activities, the measure would protect against "the risk of a person in the administration who opposes student activities," Rodriguez said.

The UA had the power to put the referendum directly on the ballot. However, many Council members felt it was important that support for the referendum come from the students themselves. Joseph C. Wang '91 felt the first reaction of students would be that "this is another kooky idea put forward by the UA Council." Most were confident that once students learned about the measure they would support it.

The Council decided to use a petition drive to put the referendum on the March 9 ballot. Ten percent of the undergraduate student body must sign petitions by Feb. 26 for the drive to succeed.



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## Faculty comment on new pornography policy

(Continued from page 1)

would have to be screened, and reducing the advance notification period from six to three weeks. Also, reviews of films by a screening committee would be open to the public.

Frieden said the FPC was concerned that the guidelines given to the screening committee were too vague, but the committee did not draft new language. He suggested that prohibited films would be those "that present the physical abuse or degradation of women as sexually exciting or acceptable, and that have no redeeming social, artistic, political, or intellectual value."

Professor Jerome Y. Lettvin

'87 asked whether sexually explicit homosexual films would be covered by the policy; Frieden said they would not.

Both Frieden and President Paul E. Gray '54 said that while MIT would probably not be permitted to have this policy if it were a city or a public university, as a private entity the Institute had the right to adopt the rules.

But Professor Paul C. Joss, the chairman of the Committee on Discipline, said "the committee was disturbed that MIT would use a weaker standard for freedom of expression than a city [could]." The COD refused to punish Adam L. Dershowitz '89 for violating the policy last year.

Lettvin expressed skepticism over the need for a policy. "The more stipulations you make, the more you get hassled," he said.

But Professor Alvin W. Drake '57 said he could "not imagine sweeping [the policy] away." He said it was "totally unrealistic" to abandon it, noting that pornographic films inflict significant "wear and tear" on people. Drake drew an analogy between the prohibition of pornography during Registration/Orientation Week and MIT's "dry rush" policy with respect to alcohol.

Joss said the COD felt that the crucial issue was "freedom of expression." He expressed concern that once one type of offen-

sive speech was restricted, other groups might attempt to gain the same privilege. He sighted black separatist Louis Farrakan and a member of the South African government as examples of speakers who might draw such fire. He added that the distinction between political and other forms of speech was sometimes unclear.

"MIT would do best not to have a policy of this kind at all," Joss said.

Associate Provost S. Jay Keyser, the Senior House housemaster, said it was not possible to ban sexually explicit films entirely, as some students want to see them. But he advocated dormitory discussions about pornography to contribute to students' education. Several faculty members concurred with this idea.

Lettvin said the Academic Council would be wrong to "impose" a policy on students. He advocated letting students take care of matters internally. "Usually students are quite reasonable when they get together to discuss matters," he said.

But Dean for Undergraduate Education Margaret L. A. MacVicar '65, who lived in the dormitory system as an undergraduate and a graduate resident, said that "rules are meant to protect minorities." She said if self-

governance was allowed "minorities would not be heard."

Dean for Student Affairs Shirley M. McBay, who was responsible for the formation of the original policy, said she appreciated the faculty's involvement in reviewing the policy. But she noted that the original policy was developed with input from students. She also expressed concern about allowing pornographic films to be shown in Kresge auditorium, which is close to MIT's two all-female dormitories.

A sexually explicit film policy is needed to help provide a proper environment for women on the campus, McBay said.

Undergraduate Association President Manuel Rodriguez '89 noted that it was "not clear what the opinions of the majority of students" are, as the debate over pornography has been dominated by "two very small minorities."

Rodriguez seemed to support the policy, saying that "as a community we ought to look out for the people who might get hurt." But he urged the Academic Council to undertake a survey on student's views before approving a new policy.

The faculty discussion was meant to aid the Academic Council in its decision on the policy. Action will likely take place later this term.

## Weather forecasts improve slowly

(Continued from page 2)

Long range forecasting gets mixed results

Long range weather predictions — one and three months into the future — are not very skillful overall, a scientist from the National Weather Service told the meeting, but in some areas and in some seasons they can be very reliable.

Forecasting in the winter is "considerably more reliable than

the rest of the year," said Robert Livesey, a senior scientist at the service's Climate Analysis Center. He added that the skill level for some regions near the East and West Coasts is higher than in the center of the country.

"Long range [forecasting] may not be that good," Livesey said, "but we know when it is [good] and where, and that can be very valuable." A company that supplies heating fuel in Northern Carolina would be justified in

making business plans based on the service's long range forecast, he said, whereas a company in Minnesota might not be.

Major improvements in the service's ability to make long range predictions are not likely, Livesey said, but there is a lot of room for improvements in predicting skill. That is likely to increase the faith that users of the reports — such as power utilities — have in them, improving their usefulness.

## NSF plans to sponsor work done in Japan

(Continued from page 2)

ual initiatives. "The whole objective is to turn Japanese science on its head. Shake it up, get [it] out of old molds," he said.

"The idea is to make waves, and foreigners are very good at doing that," he added. Engel is recruiting for ERATO Projects, a group sponsored by the Japanese government's Research Development Corporation.

Both the NSF and NIH programs require applicants to have a Japanese company or laboratory that is willing to act as a host. Both programs will assist interested scientists in finding a host.

The annual stipend for the NIH fellowship is \$30,000, plus air fare. "Most of the people doing this are on sabbatical," Goodman said, and therefore are also being paid by their home institution. The Fogarty program awarded 45 fellowships in 1985, 40 in 1986 and 47 in 1987. The average length of stay is about 9 months.

Both the NSF and ERATO positions carry annual stipends of about \$50,000. The NSF program is one year long; researchers on the ERATO project may stay up to four years. This year the NSF has \$800,000 with which it hopes to send between 10 and 15 researchers to Japan and to pay tuition for another 40 to study Japanese in the United States. The high stipend is important because it is very expensive to live in Japan, McNeal said.

"The biggest problem is getting people interested, thinking about going to Japan," according to McNeal.

"People say there is a terrific need but no demand," to send American researchers to Japan, McNeal said. "Americans have a 'not-invented-here' syndrome," he added. "If we didn't do it, it must not be worth it." The problem is particularly acute in Japan, he said. "Japan is *terra incognita* for many American researchers. People recognize that Japanese research is more applied, but that is exactly the kind of work we need to do now."

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## Rose Mary Harbison weaves trance with wordless song

### SONGS WITHOUT WORDS

Recital by Rose Mary Harbison and Randall Hodgkinson of works by John Harbison, Brahms, Schoenberg and Brahms. Killian Hall, February 13.

### PERAHIA/LUPU

Murray Perahia and Radu Lupu. Four hands at one and two pianos. Works by Mozart, Schubert and Brahms. Symphony Hall, February 14.

By JONATHAN RICHMOND

**L**AST SATURDAY NIGHT Killian Hall was packed out for an elating evening of songs without words. The program featured violinist Rose Mary Harbison and pianist Randall Hodgkinson, but the choice of works carried the trademark of composer John Harbison, who wrote the program note. "The unifying theme of this concert seems to be song, appearing in unusual surroundings," he said. The violin — "the voice's second cousin" according to Harbison — was used to sing in poetic musical language, unifying a series of works of different genres with themes of lyricism and humanity, both trademarks of Harbison's work.

Rose Mary Harbison has a no-nonsense, sometimes thick-cut approach to the violin that lacks in pretense but abounds in creativity. Her attack can be bold; it is also penetrating, diving through the barrier between the outer world and the myriad questions of the universe within. She was at her most illuminating when playing John Harbison's *Four Songs of Solitude*, inward-looking pieces which traverse desolate mental beaches, advancing, circling, returning to retread their own footsteps.

The second song had a lullaby quality, a contemplative sweetness that left refreshing after traces. The third song spiraled meditatively, the fourth, more urgent, changing direction, at its sunset leaving the feet still so pleasingly warmed by the sand as to banish all thought of returning to rude civilization just around the corner.

Rose Mary Harbison gave the song cycle



Rose Mary Harbison

cohesion and played it revealingly.

The evening had begun with Brahms's *Sonata for Violin and Piano*, Op. 78, and grippingly it was done too. Harbison's wave-like pizzicato sent a tingle up the spine; Randall Hodgkinson at the piano provided close and firm-paced music for his part.

The *Andante* from Schoenberg's *Violin Concerto* made for an unexpectedly lyrical interlude, and was followed by a breathtaking performance of Schubert's *Fantasia for Violin and Piano*, Op. 159. It was done racy, with undeniably virtuosity and a good deal of humor. Violin and piano ran circles around each other like a pair of *commedia dell'arte* lovers. It felt like being in the midst of a Rossini opera, Hodgkinson an artful Almaviva, Rosina Mary the full blooded, resourceful heroine of the piece.

**N**EXT EVENING pianists Murray Perahia and Radu Lupu showed that they, too, had a propensity for playing games of cat and mouse. Facing each other at Steinway grands, they launched into their date at Symphony Hall with a charming encounter with Mozart's ebullient *Sonata for Two*

*Pianos in D*. They dove in with an amazing lightness of touch, joining in friendly jousts, pausing only for the slightest of breaths in the second movement before accelerating to an irrepressibly joyous conclusion.

Schubert's *Fantasia in F minor for One Piano, Four Hands*, made for a change of pace, but one which also showed off the

qualities of the duo's gossamer sonorities. The work came across dreamily, beautifully and optimistically, too.

Brahms *Sonata for Two Pianos in F Minor*, though, did call for a more radical shift of gears: with a confident assertiveness, Perahia and Lupu explored the complexities of the work, ending with a brilliant, turbulent finale.

The Tech Performing Arts Series presents...

### BRANDENBURG ENSEMBLE

Peter Serkin will join the Brandenburg Ensemble in a concert of Bach's *Concerto in A* and *Concerto in E*, and the *Brandenburg Concerto No. 3*, Handel's *Concerto Grosso*, Op. 6, No. 6, and Vivaldi's *Sinfonia* from *Al Santo Sepulcro*. Symphony Hall, Feb. 21 at 3pm. MIT price: \$5.

### ARDITTI STRING QUARTET

The British Arditti String Quartet will be in Boston with an unusual all-British program including works by Peter Maxwell Davies, Michael Tippett, Cornelius Cardew, Vic Hoyland and Brian Ferneyhough. Pickman Hall, Longy School of Music, One Follen St., Cambridge. Feb. 24 at 8pm. MIT price: \$4.

### BOSTON CHAMBER MUSIC SOCIETY

The Boston Chamber Music Society will perform Beethoven's *String Trio in E flat*, *Kammersymphonie* by Schönberg/Webern and Frack's *Piano Quintet*. Sanders Theatre, Feb. 28 at 8pm. MIT price: \$3.

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. Office hours posted on the door. Call x3-4885 for further information.

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## ARTS

**Four women's inner lives brilliantly dissected on stage****DUSA, FISH, STAS & VI**

By Pam Gems.  
Directed by Sue Downing.  
Kresge Rehearsal Room B.  
Feb. 18, 19 & 20 at 8:15pm.  
Admission free.

By JONATHAN RICHMOND

**Y**OU MUST SEE THIS SHOW: it has to be one of the most powerful productions to have hit the MIT stage in the last decade. There are four women and the audience is taken on an intensive tour of their lives by a brilliant script, inspired acting, and carefully-observed direction. The pace is fast, the language is often rough, but ultimately it is immensely touching.

Dusa, Fish, Stas and Vi share an apartment along with each other's lives. They bicker, fight, but, in the end, are close. Each has her story to tell; the play is about the four together, but is also about being alone.



Mark D. Virtue/The Tech  
Dusa (Barbara Moore G)

Outstanding amongst four terrific performances is Karina O'Malley '91 as Vi, the reclusive, the depressive the oddball whose seven month old aborted fetus can be heard "crying all the way to the incinerator." O'Malley's teathy grin switches on and off; her eyes go wild. Her whole body thrusts the manic state of Vi at the audience. In the second act she acts hyper, spitting out the false merriment of a life on pills.

Andrea McGimsey '87 is Fish, a woman who watches the man who deserted her go "in and out like a yoyo" with his new wife from the fire escape outside their bedroom, angry that he can be satisfied by her rival's "Michelangelo painting by numbers" performance. McGimsey understands that she has taken on the part of a heroine of classical tragedy, projects the complexities of her struggles convincingly and makes the ultimate denouement not only believable, but inevitable. Fish's protective mask of middle-class liberal respectability crumbles, and the failure of her life is revealed and consummated.

Barbara Moore G paints a let's-pretend face on Dusa, too, but tears away the disguise to reveal the nightmares of a woman whose two children have been hijacked by their runaway father to Brazil at first, then to Morocco. Katrina Nelson '91 does a sophisticated job on Stas, the would be marine biologist who earns her tuition plying the streets. Hilarious she is as stolen goodies emerge from the bowels of her fur coats; poised, angry and defiant she is when she speaks for herself.

Director Sue Downing doesn't miss a beat. Every movement is studied with care. She shows us the women separately, then tangles up their lives, every accentuated word, movement, gesture brought together to tense, dramatic emotional effect. The costumes, designed by Lee Higgins are wonderful too.

This is fringe theatre at its best. The space — Kresge Rehearsal Room B — is small, the props low-budget, but food for the imagination is unlimited.



Mark D. Virtue/The Tech  
Fish (Andrea McGimsey '87) argues with Vi (Karina O'Malley '91)

The Tech Performing Arts Series presents...

### ENGLISH CHAMBER ORCHESTRA

Andras Schiff will be soloist for Beethoven's *Piano Concerto No. 4*, in a program which also includes Mozart's *Symphony No. 41, "Jupiter,"* and *Metamorphosen for 23 solo strings* by Strauss. Jeffrey Tate will conduct.

Symphony Hall, Feb. 28 at 8pm. MIT price: \$5.

### HANDEL & HAYDN

Jeffrey Rink will direct the Handel & Haydn Chamber Chorus and Period Orchestra in an all-Bach program to include the *Brandenburg Concerto No. 6, Cantata No. 106* and other works.

Old West Church, Boston. March 3 at 8pm. MIT price: \$5

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## New production gives funny impersonation of Pinafore

H. M. S. PINAFORE

A new production by Brian MacDonald.  
Colonial Theatre.

By CHRISTOPHER ANDREWS

**B**RIAN MACDONALD'S *H. M. S. Pinafore*, playing at Boston's Colonial Theatre, is nearly a smash hit. Bearing a superficial resemblance to the revered Gilbert and Sullivan's production of the same name, MacDonald's recipe of slapstick sight gags, brilliant choreography, pointed political remarks, and the occasional clever lyric or two, left the audience begging for more. Very sweet, very funny, but hardly the high-brow nautical comedy that Gilbert and Sullivan intended.

MacDonald plays the baby brother to the polite society of Gilbert and Sullivan lovers, here the child who was both seen and heard a few too many times, insulting the memory of the good sirs no less than three times.

Poet and playwright Sir William S. Gilbert nearly severed his relationship with composer Sir Arthur Sullivan on several occasions, because he felt that Sullivan's music overpowered the lyrics; like the crafted work of William James, every syllable was intended to be heard. Especially during the first act, lyrics were as often unintelligible as not.

Second, Gilbert's concern for subtlety in political satire was blatantly ignored. While numerous British and world leaders were butts of his humor, Gilbert never referred to them. They were alluded to more subtly by plot developments and allegorical characters. In fact, the makeup and costume of the blustery buffoon Sir Joseph Porter, K. C. B., was designed specifically so as not to resemble the then-Admiral W. H. Smith, a snobby landlubber appointed by Prime Minister Disraeli for purely political purposes.

MacDonald chose to ignore this precedent by inserting a number of hack verses in Porter's well-known song "When I was a lad", poking fun at Gary Hart, Presi-

dent Reagan, Vice President Bush, Senator Biden, Senate President Billy Bulger, and Mayor Flynn. Keeping the satire contemporary is an admirable addition to a Gilbert and Sullivan production, as the allusions to 19th-century figures would probably be lost to all but the most so-

phisticated audiences; this is certainly no excuse, however, for aiming one-liners at specific, and named, individuals to get a quick laugh.

MacDonald's third insult is not directed towards Gilbert and Sullivan, but to the romantic ideal that they espoused. This

flavor of theater ought to uplifting, presenting characters with admirable qualities that hold up under the most inhuman punishments. Those suffering in life still manage to keep a few flowers at hand; those who lose at love can criticize themselves with humor. Characters should be so strong that they animate even the darkest and saddest emotions, remaining always worthy of respect.

These qualities were conspicuously absent in MacDonald's production of *Pinafore*. Buttercup seemed more concerned with how little sleep she had last night and the frightful condition of her hemorrhoids than the deep, dark secrets that had festered within for twenty years.

No jocular older woman whose windy exterior almost conceals her true concerns, this Buttercup is just a tired, nasty old crone. Again, the dreaded Dick Deadeye ("It's a beast of a name, ain't it") comes across as a merely bad-smelling seaman, rather than the ugly but charismatic Frankenstein-like monster, whose insight and compassion had been spoiled through years of abuse.

Philosophical concerns notwithstanding, the production was a lot of fun to watch. Absolutely brilliant choreography, sometimes calling for additional dance music written by Music Director Berthold Carriere, and a few very classy-looking props gave the audience treat for the eyes. Gaudily-decorated rowboats became a part of dance routines, and a wrought-iron spiral staircase led to a vertiginous bridge, from which lofty captains and admirals addressed their social inferiors. In the stirring rendition of "He is an Englishman" the company danced with a huge silk Union Jack, which served alternately as backdrop, parachute, trampoline, and balloon. A lot to look at, but not much to hear.

Had MacDonald taken pains to ensure that lyrics were as audible as the numerous off-hand wisecracks and in-jokes dropped by the principals, the production would have been excellent.



The right honorable Sir Joseph Porter K.C.B. (Ron Moody) and Josephine (Meg Bussert) in *H.M.S. Pinafore*.



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## ARTS

## Feminist rewalks the stations of the cross through Mary's eyes

An Installation-Performance  
by Deborah M. Boardman.  
Performed by Mary Castiglione.  
Sound by Kip Boardman.  
At Mobius, Feb. 11-14.

By SIMSON L. GARFINKEL

**M**OBIUS HAS BECOME Mary's Room. It could be a small Catholic chapel, and the audience could be pilgrims for some kind of strange, feminist/religious reenactment.

The room is dimly lit, yet the fourteen murals — each symbolizing a Station of Mary — are clearly visible on the walls. The murals are emotional, violent, richly detailed and large: a good 7'x14'. They make a powerful backdrop for Deborah M. Boardman's 14 Stations of Mary.

The Stations are loosely based on the Catholic Stations of Cross, or Christ's Passion. In these stations, Boardman attempts to resolve her conflicts between religion and sensuality, between her desire for spirituality and the position of woman within the Catholic Church.

Each station begins in darkness. Slowly, a spot of light widens upon Mary Castiglione's body. In some of the stations, Castiglione's shadow towers behind on her on the walls and ceiling. Author Boardman also works the lights, and her control of the light source — a handheld flashlight — is remarkable.

*Station 1: Mary Performs the rituals of high priestess.*

Before the performance begins, the audience enters and experiences the installation. There is canvas on the floor, in the shape of a cross, with small clumps of Mary's hair marking and decorating the edges. On the benches which are our seats there are missals or Bibles, each one different, depicting the 14 stations of Mary.

Castiglione's performance is strong, but not up to the power of the set. The set, music, and smells overpower the senses. Castiglione, by comparison, is a small, frail Mary, trapped in the images of Catholicism turned on its head. She seems larger on the stage than in real life, but still not large enough for the performance.

In the performance, Mary explores her sexuality, her relationship to man, her Catholic upbringing, herself. "I was raised Catholic," said Boardman after the show, but she added that she isn't any more: "Spirituality is important to me, but I don't defend it in terms of an institution."

*Station 8: Mary disrobes. She sees herself, her vulnerability. She sees how easy it is to feel violated and she feels afraid, ashamed, maybe it is her fault, her womanness.*

Mary gazes into the broken mirror, transfixed before her naked image. Unfortunately, the impact of this moment is lost on the audience because Mary's image passes too quickly from sight.

The Tech Performing Arts Series presents...

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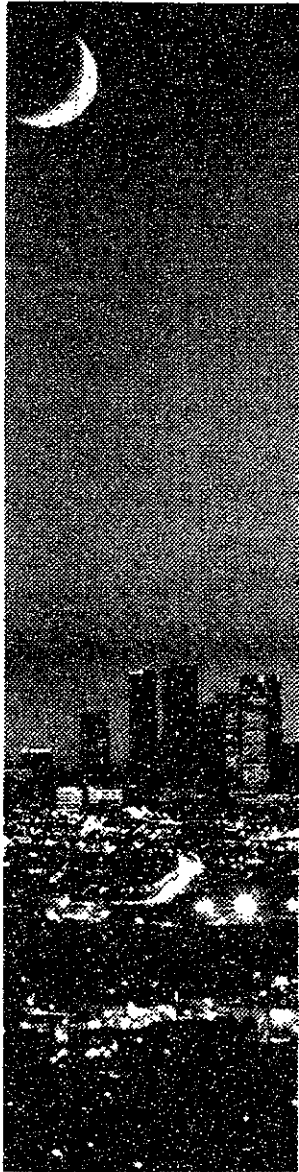
So don't miss their 5th anniversary concert — also to be given in New York's Carnegie Hall — in which Anthony di Bonaventura will perform Mozart's *Piano Concerto No. 14*. Also on the imaginative program chosen by conductor Aram Gharabekian is the world premiere of *Adagio in Memory of Aram Khachaturian* by Soviet Armenian composer Edward Mirzoyan, Rossini's *String Sonata No. 6*, Pärt's *Cantus in Memory of Benjamin Britten* and Mahler's orchestration of Schubert's *Death and the Maiden*.  
Jordan Hall, March 4 at 8pm. MIT price: \$3.

### SPANISH DANCE

The Ramon de Los Reyes Spanish Dance Theatre will present a program entitled "Bravo Flamenco/Samba Brazil," featuring new choreography by de los Yeyes to Ravel's *Bolero* and Afro-Brazilian dance, music and theatre. John Hancock Hall, Boston. March 4 & 5 at 8pm. MIT price: \$5

### MUSICA VIVA

The Boston Musica Viva will give a program entitled "Jazz Accents," which includes the US premiere of *War Play* by Kurt Weill/David Drew, a work which resets Weill's incidental music written for the 1936 production of Paul Greene's play *Johnny Johnson*.  
Jordan Hall, March 18 at 8pm. MIT price: \$4.50.

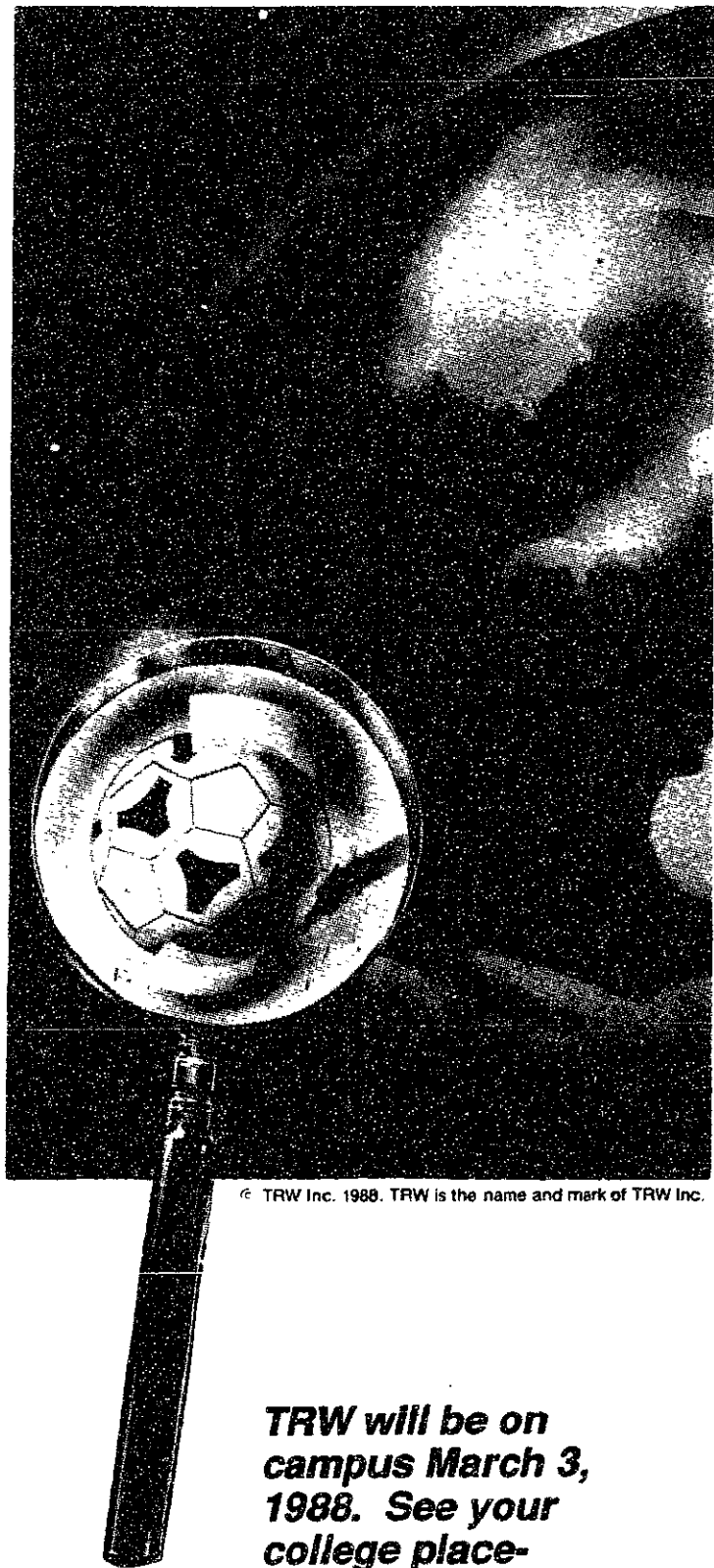


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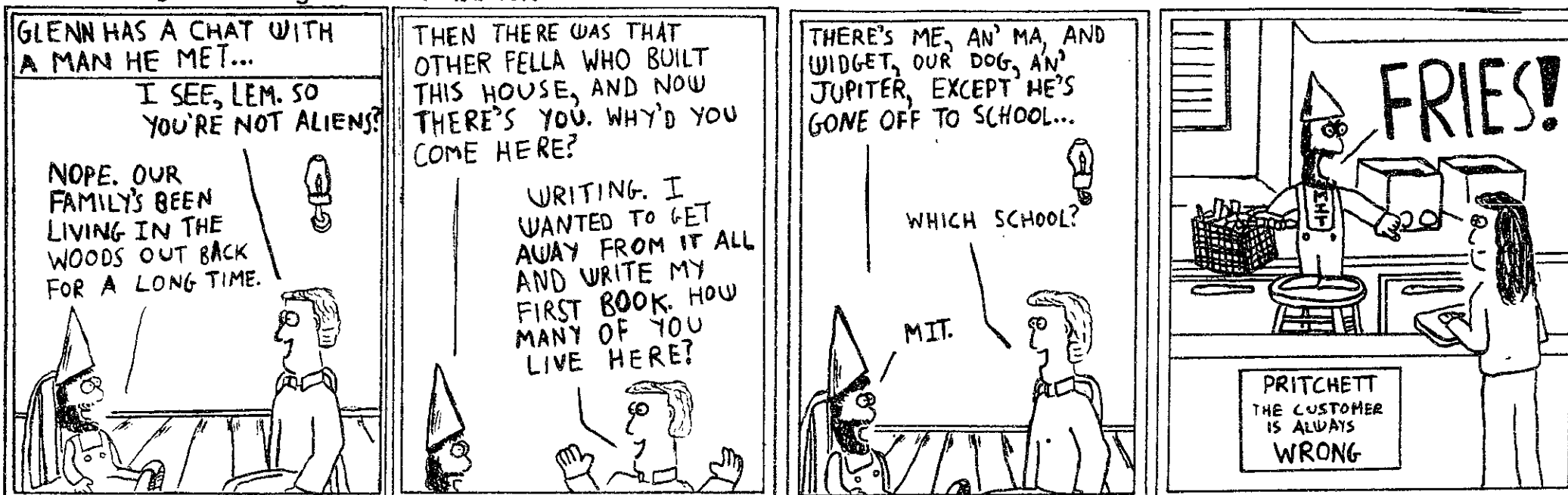
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# comics

## Critters by Jon Monsarrat



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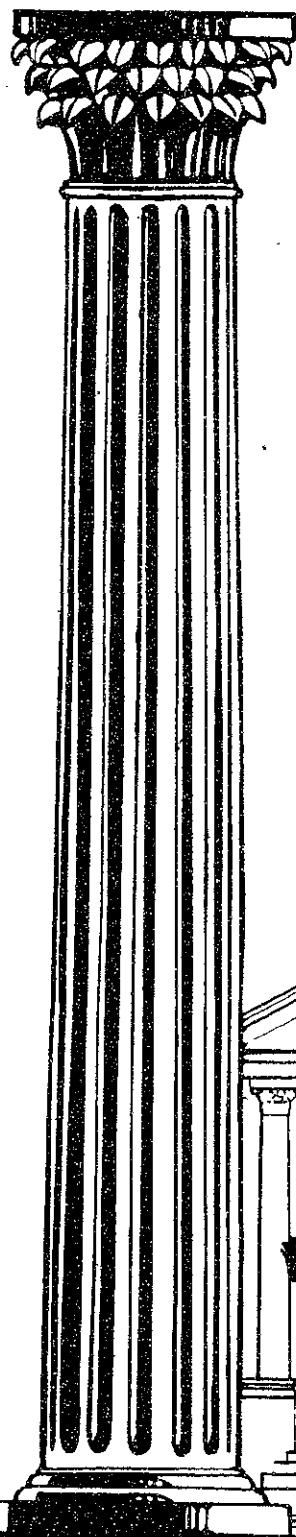
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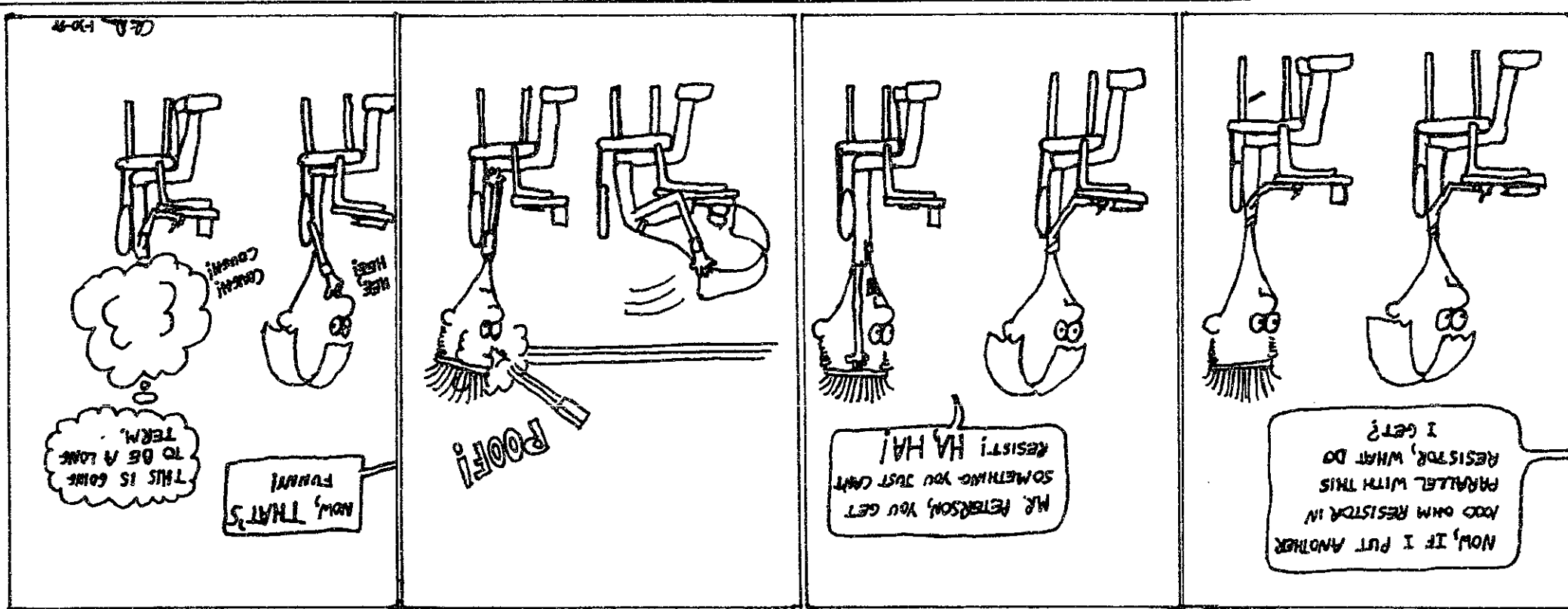
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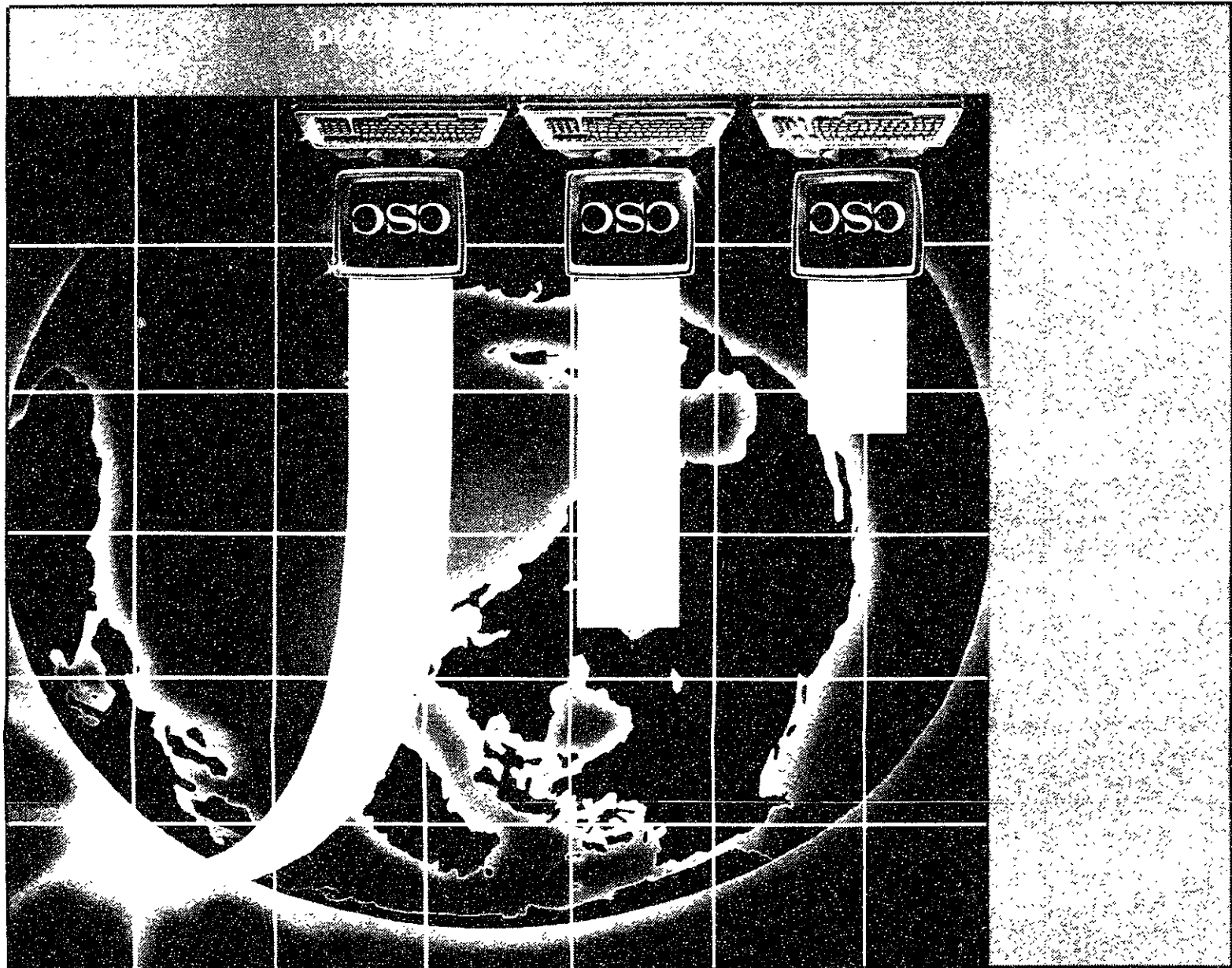
# COMICS

By Chris Doerr



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## Faculty blast Course XX elimination

(Continued from page 1)  
discussed at the next faculty meeting.

Professor Gerald N. Wogan, the head of the department, read a letter from department faculty which expressed "disagreement with the decision" and "disappointment with the surprising process" by which the department was disbanded. The letter said the process lacked "due process and adequate review," and noted that faculty were not given "the opportunity to respond professionally and effectively to criticisms."

The letter also criticized "degradatory and vague statements" made to the media which reflected poorly on the department. [The Boston Globe reported on Feb. 2 that the department was "not meeting the intellectual standards expected of a department at MIT."] The letter also expressed frustration at the slow process of relocating faculty into other departments. It asked that

"stability" be restored to the faculty's positions.

The department's graduate students also circulated a letter critical of the decision and complaining that their future status at MIT remains uncertain.

Deutch said he had a "very strong expectation that all faculty [would] find a suitable place" in another department. He recognized that "people want to have circumstances resolved promptly," but noted that time was needed to "find the right place for the the right person."

Professor Jerome Y. Lettvin '47 of the Department of Biology complained that intellectual decisions such as this should be made by the faculty and not the administration.

But Deutch retorted that "if the administration is not there for intellectual leadership" it would serve no purpose.

Aside from the decision-making process, which was al-

most universally condemned, many faculty members also criticized the move to eliminate the department. Lettvin argued that there are "a number of sciences that require the gaining of empirical knowledge" and that "applied biological sciences could have supplied the material" for such fields. He said it was "great folly" to eliminate the department.

Several other professors lavished praise on the department, one calling it "world class" and arguing that "MIT does not realize what a resource it has here."

The only faculty member who spoke in support of the decision, though not the process, was Professor Stephen J. Lippard of the Department of Chemistry. He said that the "strengths of this department will help enhance other programs at MIT," and said the move should be viewed as a "reconfiguration rather than a dissolution."

## Brown faces grad students' anger

(Continued from page 1)  
time frame for settling the issue of faculty members. But after repeated badgering from the audience, a somewhat exasperated Brown said such decisions would be made within four weeks.

### Devalued degrees?

Graduate students circulated a petition to the MIT administration criticizing its handling of the affair. The letter, which had over 110 signatures, charged that members of the administration had: left students and faculty in uncertainty about their futures; made the decision without any input from students, faculty, or the departmental visiting committee; and had made comments that defamed persons in the department.

Provost John M. Deutch '61 was quoted in *The Boston Globe* as saying: "Any strong academic community should consider from time to time whether all of the departments are as strong as they

should be. [The elimination of the department] was an action taken to strengthen academic performance."

The statements, as well as articles that appeared in *Science* and other scientific journals, seemed to publicly label the department's faculty and students as second-rate. The question is not only whether MIT will award degrees to current students, but whether those degrees have been discredited, said a research associate who had gotten a graduate degree from the department.

"I believe the decision that the administration made has devalued me and has devalued my degree," she said.

Paul Burke G, one of the students who organized the petition drive, also expressed concern that those associated with the department are now marked as inferior in the scientific community. He accused Deutch of not being forthright in his statements about the department.

Various members of the audience called on Brown to have MIT officials issue public statements affirming the department's quality. Brown seemed to duck the question, saying he would give "very serious" thought to making a statement, but not committing himself.

Brown added that he was not in a position to speak for Deutch or for President Paul E. Gray '54. He said he would transmit student concerns to them.

Burke and Lisa E. Freed G, another petition organizer, expressed disappointment afterward with Brown's hedging.

Students also disputed Brown's contention that the wide variety of fields in the department is a weakness, causing a lack of focus. Rather, the interdisciplinary nature of the department is a strength, students argued. No other department provides such an opportunity to do work in biotechnology, many said.

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# sports

## Breakaways help MIT defeat Navy

(Continued from page 20)

upper left of the MIT goal. Jessiman again gave the Engineers the lead at the 8:46 mark when Mike Foley G wisely passed back to the point from the slot for the go-ahead slapper. Gasparini continued making excellent body saves to preserve the MIT lead, while the officiating, which had been poor in the first period, continued to deteriorate noticeably in the second.

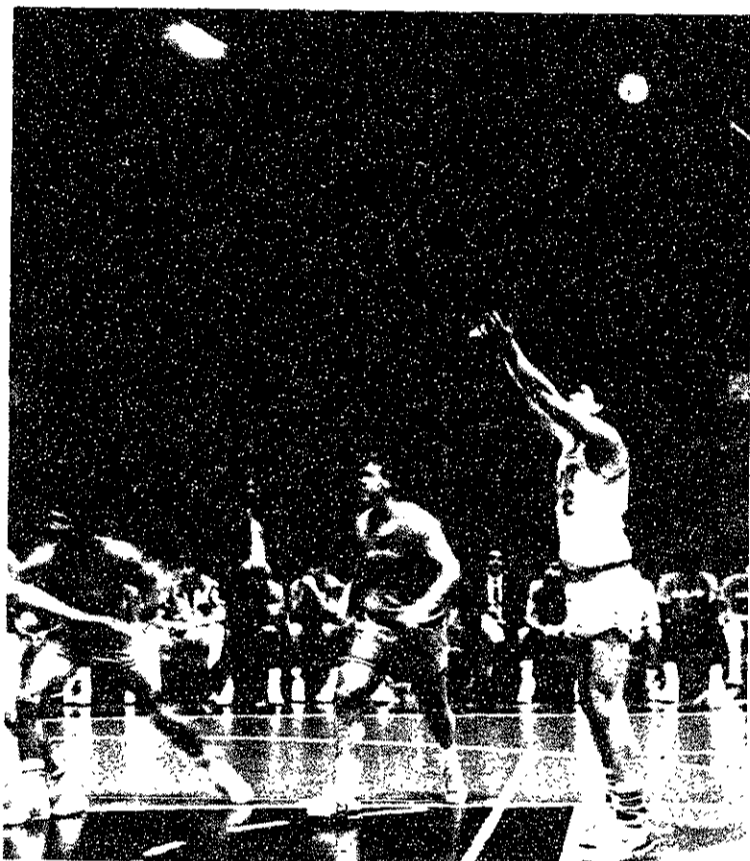
The Engineers came out skating better in the third period and moved up the ice well with wise passes along the boards. Navy improved their passing in the

neutral zone but stickhandled too much in the MIT zone, missing scoring chances they might have had from passing to the open man. Navy tried to intimidate the Engineers with harder checking, but the MIT squad remained unfazed. Despite the rougher play, the officiating improved considerably from the second period and the referees brought the game to a more subdued level.

Navy once again tied the score at the 1:00 mark of the third as the puck kept dribbling forward despite many valiant attempts by Rick Russell G to break up a 2-on-1 break. The Navy forward finally lifted the puck into the net

from right on the MIT goal crease. Henry Dotterer '91 gave the Engineers the lead for good at the 2:55 mark as he redirected a shot from the point by Tom Allen G while the Engineers were on the power play. John Santoro '89 further extended the lead to 5-3 just 14 seconds later as he carried the puck in for a close shot after battling for it at the left circle.

The two teams would only exchange goals late in the third period — Navy on a power-play goal which developed from nice passing along the boards, Dotterer scoring again on a pass from Jeff Bates '90 during a 3-on-1 break up the ice — which would bring the final score to 6-4. With several strong games now under their belts, the Engineers' remaining games against Gordon on Feb. 20 and against Caltech on Feb. 27 are sure to be exciting ones.



Errol Grannum  
Trae Shattuck makes a free-throw for a three point play during this past Monday's game vs Tufts. MIT lost 62-55.

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# sports

## Women's gymnastics loses twice

By Catherine Rocchio

The MIT women's gymnastic team has been competing all throughout New England over the past two weekends as their season draws to a close. On Feb. 6, MIT travelled to Albany, NY, to face their two strongest opponents, Salem State and SUNY Albany. Salem took the meet with a 162.7 to Albany's 158.65 and MIT's 124.7. But this past Saturday showed MIT's true spirit as they defeated Smith College, 115.10 to 106.70.

Despite the obvious strengths of both the Albany and Salem teams, the MIT women refused to be overwhelmed. Not only did they turn in one of their highest overall team scores, but individual performances were at their season's peak.

Allison Arnold '90 swung a breathtaking bar routine that showed each handstand to complete extension and ended with a high flying dismount to receive the highest score ever for MIT on bars, an 8.50, a score that earned her a third place among the stiff competition.

MIT also had a fantastic after-

noon on the balance beam, scoring 31.00 points and exhibiting the talents of Charlene Grant '90, Rachel McCarthy '90, and again, Arnold.

The afternoon ended on the floor exercise with the talents, of McCarthy who executed another powerful tumbling routine with two full-twisting somersaults for a score of 7.45, and the graceful dance of Arnold who backed her up with a 7.1.

This past weekend was a different story. Although McCarthy could not compete, the team was determined to show Smith College a tough fight.

MIT opened the meet on vaulting with Arnold taking first place with a 1 1/2 twisting vault for a 7.95 and Grant taking third place with a 7.30. Despite the strong vaulting performance of MIT, the completion of the first event found MIT only a precarious 1/2 point ahead of Smith.

Tension was high as MIT moved onto bars and beam. Again showing top form, Arnold took first place on the uneven bars and landed a solid front somersault on the balance beam

for second place. Paula AQUI '89 backed Arnold up with a steady balance beam routine for third place, and Christine Pao '90 showed the bravest routine of the afternoon — competing one-armed with a cast on her right hand and lending steady support to her teammates. Debbie Ellingson '91 also increased MIT's lead in the meet by completing a 'no falls' routine.

MIT finally wrapped up the meet on the floor exercise. Catherine Rocchio '89 won the floor exercise with a 7.55, Arnold took third with a 7.05, and newcomer Anne Wandke '91 showed an energetic routine that further established MIT's domination of the event. Overall, Arnold took second place in the meet with a 28.25.

The MIT women will end their season this Sunday at New England's, held at Bridgewater State where they will try to qualify individual competitors into the Eastern Championships.

*(Editor's Note: Catherine Rocchio is co-captain of the women's gymnastics team.)*

## Men's gymnastics loses to UMass

By Tim Holt

The MIT men's gymnastic team lost its first meet of the season, falling to the University of Massachusetts. Although MIT is Division III and UMass is Division I, the MIT team had hopes of producing a high score to qualify for afterseason competition. This positive attitude was sparked by a continuing improvement of all MIT gymnasts during the season.

Early on in the meet, UMass showed superiority on floor by winning the event by almost ten points. Determined to have a bet-

ter showing on pommel horse, MIT continued to lose ground and to lose their positive attitude. The margin in the score after rings was forty points and MIT was off its usual season mark by about ten to fifteen points.

The second half of competition started with vaulting, where MIT had a strong performance. This event was the closest of all in the competition, with MIT scoring 40.55 and UMass scoring 43.85. MIT carried some of this positive edge into the next event, but to no avail. UMass again proved dominant and had increased their

lead to almost fifty points. High bar proved no contest as UMass gymnasts performed one spectacular move after another.

The MIT gymnasts had a few highlights in the competition despite the less than par performance. In particular, Alan 'Nash' '89 pulled off a career high performance on parallel bars, scoring an 8.15. This proved good enough to tie for second place on the event. Joe Fugaro '91 had a career high vault, scoring an 8.05. Jason Kipnis had strong moves on rings that gave him a team high for the meet.

Even though MIT had these highlights, the gymnasts did not execute well enough as a team. When the totals for all events were added up, MIT had lost to UMass by the score of 182.95 to 247.45 respectively.

*(Editor's note: Tim Holt '90 is a member of the men's gymnastics team.)*

## MIT shooters dominate junior regional event

By Gail Benson

MIT's junior shooters overpowered local teams at the Junior Olympic Regionals last week. Under NRA rules, a shooter qualifies as a junior until the year of his twenty-first birthday. This year's four man team of Sei Young Sohn '91, Ann Perry '91, Fleur Gooden '90, and Gail Benson '90 shot a combined score of 2018 out of 2400 to take first place. This beat the next highest team score by 100 points and MIT's winning score for the 1987 JORC's by almost 50 points.

Sohn shot a 537 out of 600 to capture second place overall, beaten out of first place by five

points. Gooden also shot a 523 and took fifth. MIT shooters are not allowed to compete in the National Junior Olympics due to their collegiate classification, however.

The same weekend, MIT's senior shooters travelled to the West Point Invitational Tournament to place fifth out of fourteen teams. Ahead of MIT were Army, St. John's, King's College, and Citadel College. MIT will go up against them again this weekend in the Mid-Atlantic Conference Championships.

*(Editor's note: Gail Benson '90 is a member of the MIT rifle team.)*

## Women's hockey beats Wesleyan team, 4-2

*(Continued from page 20)*  
netminder Kelly Grant '86. A little over a minute later, Wesleyan scored their second goal as a shot from right point deflected off the foot of an MIT defender into the net.

Wesleyan's strong forechecking slowed MIT's passing up the ice in the second period, but did not stop the crisp passing in the Wesleyan zone. While on offense, MIT set up well in the slot and passed well, thus providing many good scoring opportunities, especially during the power play. Wesleyan continued to show fast skating up the ice but the Engineers also continued to confine the play to the boards and the points.

The third period only proved eventful in MIT's ability to stave off three strong Wesleyan power

plays. Wesleyan played well along the boards, often winning the puck in those side battles, but MIT continued to dominate the open ice. Unfortunately, the Engineers did not take advantage of this and lost the puck too many times on predictable passes along the boards. Still, the MIT defense allowed few breaks into the MIT zone as they stood up Wesleyan drives at the blue line.

Junko Nagono '85 extended the MIT lead to 4-2 at the 9:34 mark on a nice unassisted play: she stole the puck at the left boards in the Wesleyan zone, cut across the goal and beat the Wesleyan goalie, and easily slid the puck into the open net. With that the Engineers had little to do but sit on their lead, then wait for their next opponents so that they can notch number 10.

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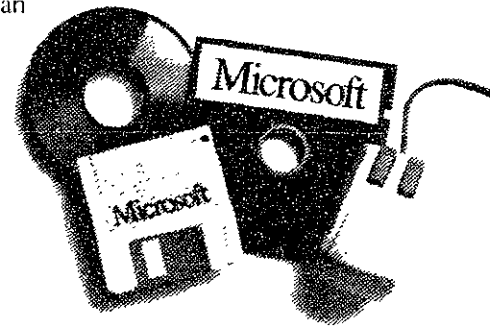
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# sports

## MIT men's hockey team sinks Navy squad, 6-4

By Peter Dunn

"This," said one spectator, "is the MIT team I knew of old!" The MIT men's hockey team has found their groove and over the past month has played their best hockey of the season. This trend of high level of play continued last Saturday with a strong 6-4

### Women's hockey streak extends to ten games

By Peter Dunn

The MIT women's hockey team continued undeterred with their unbeaten streak, beating Wesleyan by a score of 4-2 Feb. 11.

They extended their unbeaten streak to ten games with a 1-1 tie against Boston University last night. Michelle Bonugli '88 scored the tying goal with less than a minute left in the third period.

The Wesleyan match pitted MIT's good passing on the one hand against Wesleyan's fast skating and strong forechecking on the other. But while the game began evenly matched in the first period, MIT quickly put it out of reach in the early minutes of the second period and never looked back.

The Engineers scored at the 2:52 mark of the first period as Bonugli put in a shot from an almost impossible angle. Still, the game would remain deadlocked for the rest of the period even though MIT dominated.

In the early minutes the Engineers' good passing, combined with fast dump-and-chase, kept the play within the Wesleyan

win over Navy. Shining in the spotlight were good goaltending by Peter Gasparini '88 and swift Engineer breakaways, helping MIT win despite being short on defense with Brian Luschwitz '89 on the sick list.

In contrast to earlier games, where the Engineers would have

zone. Later, Wesleyan would find their groove and break quickly up the ice, usually skating around MIT's forechecking. Despite this, the Engineers denied their opponents any position in the slot, and Wesleyan had to settle for longer shots. Wesleyan set up their screen well, and got some good scoring opportunities from this, but the Engineers managed to block most of Wesleyan's long shots.

The Engineers swiftly put the game out of reach on two quick goals early in the second period. With less than a minute played, Sandy Linde '87 took a pass from the right circle to score a clear shot from the slot. Then at the 3:00 mark, Tanya Jegeris '89 wacked at the puck a few times near the right post with Bonugli scoring her second goal on the rebound at the left post.

Wesleyan cut the score to 3-2 shortly afterwards, but MIT continued to dominate the period. Just 12 seconds after MIT's third goal, Wesleyan scored their first goal as a shot from behind the net deflected off the skate of MIT (Please turn to page 19)

to fight back after having fallen behind in the score, Saturday's game against Navy saw MIT scoring early and often. Although Navy tied the score twice, the Engineers put the game away early in the third period with two quick goals.

The much bigger Navy squad dominated the early minutes of play as their strong pressure gave MIT trouble in breaking out of their own zone — the Engineers stickhandled well but had trouble passing. Still, MIT had good 2-on-1 and 1-on-0 breaks but often lost these chances with shots wide of the net.

Joe Jones '89 put the Engineers on the scoreboard first at the 2:59 mark by sliding in the

puck after Paul Tiao '89 had driven to the net along the left boards. Alec Jessiman '88 further extended the lead to 2-0 on a lucky goal as a low, weak slapshot from the blue line slid under the Navy goaltender's pads. Navy could not complain, however, as they in turn got a fluke goal when a slow wristshot along the ice took a wicked hop at the MIT crease to bounce into the upper part of the net near the end of the period.

While both teams pressured hard, the Engineers drove through the neutral zone better with stronger stickhandling. Gasparini preserved MIT's lead with excellent goaltending, including an amazing glove save as

he lay sprawled across the crease.

The edge went to Navy in the first half of the second period as their forechecking slowed MIT's breaks out of their own end. The Engineers' open ice passes were being intercepted for turnovers, and the MIT squad did not settle for the more cautious passes along the boards. Still looking for breakaways, the Engineers got fewer of these as Navy shifted their defense to prevent such opportunities.

With MIT having trouble moving the puck out of their own zone, Navy tied the score at 2-2 at the 5:15 mark of the second period. A pass to center ice out of the MIT zone was intercepted to have a long slapshot find the (Please turn to page 17)

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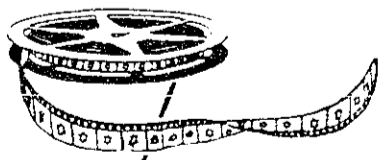
FOR AN INFORMATION SESSION

TUESDAY, FEBRUARY 23, 1988

ROOM 1-150

7:00 PM - 9:00 PM

### Beyond the Walls



This drama of the personal relationships between Arab and Jewish prisoners in an Israeli prison presents the problem of Arab-Jewish social and political relations in microcosm. Followed by discussion led by David Leichman, Kibbutz shaliach to Boston.

Thursday, February 25, 8:00 pm Room 4-153

Admission \$1

Presented by MIT Hillel as part of the Israel Film Festival

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- \* Wednesday, Feb. 23
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