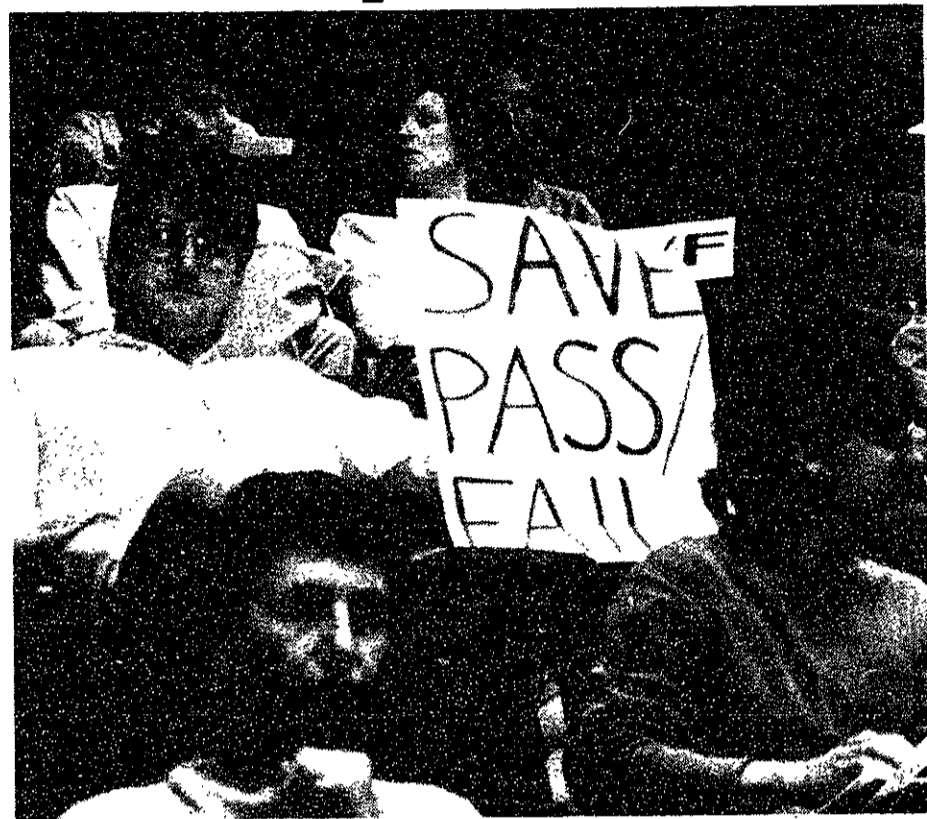


Faculty vote to keep P/F; C needed to pass



Students show support for freshman pass/no record grading Wednesday's faculty meeting.

Students plan an Institute JudComm

By Linda D'Angelo

Students are planning for an Institute Judicial Committee which would serve as an "intermediate step" between the Office of the Dean for Student Affairs and the individual dormitory JudComms, according to Dormitory Council Judicial Chairperson Beth Pruitt '91.

The specifics of the committee are "still in the formative stages," Pruitt said. But it has already been decided that a JudComm representative from each dormitory will form the voting body. Ideally, the committee would meet twice a month beginning next fall.

Both graduate residents and housemasters would have one representative on the Institute JudComm, who would "act in an advisory capacity," Pruitt explained. These representatives would give the committee an added perspective as well as "bring information about student problems back to their respective groups," she added.

In order to prevent bias, the committee-member representing the dormitory of a student filing a complaint would be expected to excuse himself from the vote, Pruitt noted. This would provide students with an alternative,

should they feel uncomfortable bringing their problems before dormitory JudComms. The committee could also act as an appeal option for students who are dissatisfied with the decision of

(Please turn to page 9)

Seniors are completing Phase II earlier

By Chitra K. Raman

Students have completed Phase II of the Institute Writing Requirement more rapidly since its administration was decentralized, said Les Perelman, coordinator of the Writing Requirement. "There exists only a handful of students planning to graduate in June who have not yet completed the requirement, and this number is decreasing every day," he said.

In April of 1988 the MIT faculty adopted and endorsed the Committee on the Writing Requirement's proposal to allow Phase II of the Institute Writing Requirement to be handled within the individual departments.

Because the subject of the Phase II paper is in the area of the student's concentration, it made more sense to allow the

Last-minute proposal to eliminate P/F defeated

By Andrew L. Fish

After over two hours of debate, the faculty voted to retain both semesters of freshman pass/no record grading Wednesday. But the faculty raised the definition of a passing grade from a D to a C and lowered the maximum credit limit for freshmen by six units in each semester (to 54 units in the first semester and 57 in the second). The changes will take effect with the class entering in 1990.

The vote was a clear rejection of the Committee on the First Year Program's proposal to limit pass/no record grading to one semester, with one pass/no record subject permitted in the next seven semesters. The CFYP claimed this would reduce overloading in the second semester and increase "flexibility" by allowing students to take science core classes in the sophomore year with pass/no record grading. But the faculty overwhelmingly rejected the notion of deferring science core subjects last month, and axed the pass/no record restructuring Wednesday.

The key vote was on an amendment which called for lowering freshman credit limits, making pass denote a C, and changing junior/senior pass/fail to pass/no record. It was offered by five faculty members as a sub-

stitute for the Committee on the Undergraduate Program motion, which was based on the CFYP plan.

Professor J. Kim Vandiver SM '75, a sponsor of the proposal, explained that the amendment would "correct the principal deficiencies of the current system" — freshman overloading and "the practice of squeaking by with D-level performance." At the same time, it would preserve the system's "chief beneficial feature" — "an adequate period of adjustment for a diverse entering class," she said. It would be "prudent to address specific problems" and "minimize the risks inherent in more radical change," she noted.

Vandiver also noted that the lower credit limit would not penalize students who could complete more work, as they could petition the Committee on Academic Performance to exceed the credit limit.

Professor Travis R. Merritt, head of the Undergraduate Academic Support Office and a sponsor of the amendment, noted that pass/no record "has for a long time enjoyed overwhelming support from [students]." He said the amendment represented a "broad faculty consensus" and suggested that faculty would continue to evaluate the pass/no record system in the future.

(Please turn to page 2)

Changes to Pass/No Record System

Current System

2 semesters of freshman pass/no record

Freshman Credit Limit:

60 units 1st semester

62 units 2nd semester

2 1/2 Cr. pass/no record subjects

Revised System

2 semesters of freshman pass/no record

Freshman Credit Limit:

54 units 1st semester

57 units 2nd semester

2 1/2 Cr. pass/no record subjects

Residents mark 25th year of McCormick Hall

By Linda D'Angelo

Last Friday McCormick Hall celebrated its 25th anniversary. Five speakers, all past residents of the dormitory, discussed the work of the building's chief sponsor, Katherine D. McCormick '04. They also spoke of how changes in McCormick Hall have reflected changes in the role of women at MIT.

The drive for "self-realization of women" dominated Katherine McCormick's life, according to Associate Professor of Foreign Languages and Literature Margery Resnick, a former housemaster at the dormitory. As a charter member of the College Equal Suffrage League of Massachusetts and chairman of the National American Woman Suffrage Association, McCormick

actively fought for the right of women to vote.

McCormick was also instrumental in the development and availability of birth control. She assisted a clinical research bureau by smuggling diaphragms into the United States and contributed \$180,000 yearly to research the use of synthetic hormones for birth control, Resnick said.

Most importantly, McCormick "provided continuity between the suffrage and birth control movements," Resnick explained. Each movement saw the other as a "superficial reform," and a wall of indifference developed between the two, she noted. McCormick, however, recognized that both of these causes were "essential" to the "assurance of autonomy for

(Please turn to page 2)

student's own department to handle it, Perelman said. The rationale is that the best teachers and judges of written discourse in a particular discipline are the practitioners of that discipline.

The change was also suitable from an administrative point of view. Rather than having the Writing Requirement office oversee 1000 seniors, it was more advantageous for the students to deal directly with their departmental administrators who are more aware of their particular situations, Perelman said.

In 1987, 39 percent of seniors did not complete Phase II until their final semester. This number has fallen dramatically; Perelman estimated that approximately five percent of MIT seniors who plan to graduate have yet to complete the requirement, compared to 25 percent from last year. Also, he

explained that within this five percent, there exist a significant number of students who are in five year programs or who are not expected to graduate this spring for some other reason.

One of the reasons for the more rapid completion rate since the new system was approved is the increase in the number of writing cooperative subjects available, Perelman said. Students enrolled in these subjects can satisfy Phase II by receiving a writing grade of B or better for a paper in that course. With this system many students are able finish the writing requirement earlier, because they often take these courses in their sophomore and junior years, he explained.

Another part to the proposal, which will take effect with the Class of 1990, requires students to complete Phase II by registration day of the term in which

they are planning to graduate. This will deter students from procrastinating until the last term of their senior year, Perelman said.

Perelman maintains that the departmental management of the writing requirement has not made Phase II any easier. "No more than usual are passing the first time around," he said. "They are just getting it out of the way earlier." The number who pass their first try is about 50 percent, he noted.

Perelman attributed the rapid completion rate to the students themselves. "Now the Writing Requirement is beginning to be established as a fact of MIT life," said Perelman. "Realizing for themselves that sound writing skills are vital in today's world, many students no longer consider the requirement an unfair burden and are beginning to take it more seriously," he added.



Norma Mele, retiring house manager of McCormick Hall, has been with the dormitory since it opened in 1964.

Kyle G. Peltonen/The Tech

Faculty vote for P/F, C to pass

(Continued from page 1)

Some oppose amendment

Professor Arthur P. Mattuck, head of the Department of Mathematics, strongly opposed the amendment. "I believe it solves none of the problems" cited by its authors, he said. Mattuck claimed that of his six freshman advisees, five were overloading, "as exhibited by the grades they are getting." Mattuck said the number of units a student could handle varied from individual to individual, and only introducing grades in the second semester would eliminate such overloading.

Also, Mattuck said the true abuse of pass/no record "is a B student who is doing C work [and] an A student who is doing B work."

Professor Harold Abelson PhD '73 also questioned whether "overloading" could be measured by the number of units students were taking. He noted that second semester freshman who enroll in both Physics II (8.02) and Structure and Interpretation of Computer Programs (6.001) performed significantly better than those who did not take 6.001. While Abelson said he did not know how many units each student was taking, he noted that 6.001 is a 15 unit course and that many students who selected it would be considered "overloaded" by an objective standard.

Professor Thomas J. Greytak '62 said a shift to grades in the second semester of the freshman year would provide an "intermediate step" in a freshman's adjustment to MIT. In addition, Greytak approved of using pass/no record "as a method for ex-

ploring" beyond the freshman year.

Professor Claude R. Canizares, a member of the CFYP, was opposed to approving a proposal which had been quickly crafted. He noted that the CUP motion had been drafted over several years and said that only this proposal should be voted up or down.

In spite of these objections, the faculty approved the amendment by a vote of 86-56.

Another amendment introduced

The issue seemed settled after the amendment had passed. But after a motion to call the question failed by 11 votes (78-55, with a two-thirds majority needed), Mattuck quickly introduced an amendment to eliminate the second semester of freshman pass/no record grading and the second semester credit limit. The move was so hasty that when asked what a passing mark would be, Mattuck could not immediately decide (he settled on a C).

Professor Boris Magasanick complained that this plan had been voted down at the last faculty meeting. (At the last meeting the faculty rejected an amendment to the CUP motion which would have allowed only two pass/no record subjects after the first semester.) But President Paul E. Gray '54 allowed the amendment and additional debate ensued.

Several faculty members who had opposed eliminating the second semester of pass/no record at the faculty's last meeting again rose in opposition. Professor Graham C. Walker asked, "How can an elite university with an elite faculty admit an elite group

of students and make them feel worthless?" He said second semester freshman grading would reinforce this notion.

Associate Provost S. Jay Keyser urged the faculty to "err on the side of giving time" to students who might need it. Professor Robert S. Kennedy SM '59 reiterated his claim that freshmen do not abuse the second semester of pass/no record grading.

In the end, the Mattuck amendment was defeated by a 76-57 vote.

The amended motion was then approved by a voice vote, ending the current debate over the freshman grading system and killing the CFYP's recommendations.

Earlier action

Earlier in the meeting, the faculty rejected two other amendments to the CUP motion. The first, offered by Professors Robert J. Birgeneau and Marc A. Kastner, would have given freshmen the option of being on pass/no record during their second semester, but only with a 51 unit credit limit. CUP student representative Alan Davidson '89 expressed concern that this would create a "two-tier system" with freshmen on pass/no record feeling like "second-class citizens." After a short debate, the amendment was overwhelmingly rejected by voice vote.

Abelson introduced an amendment to allow students (after the first semester) to designate classes as pass/no record after receiving their grades, within the framework of the CUP motion. This amendment was also rejected by a voice vote, after faculty complained that it would create "chaos in recording" and defeat the purpose of pass/no record in affecting the attitude of the student while taking a subject.

MacVicar concluded. MacVicar saw this increase in female housing as the initial step in a chain which culminated in 1969, when MIT decided that the number of available beds would no longer be the determining factor in the admission of women.

Although none of the speakers at the program focused directly on the difficulties which women students were confronted with at MIT, many of them alluded to these problems. MacVicar spoke of the zero in the middle of her ID number which signified that she was a woman. Ann Tulintseff '83 believed that the emphasis on the low female to male ratio, often commented on by men, was a deterrent to potential female applicants. And Anita Killian '85 addressed the environment which forced women to "deny their femininity in order to be taken seriously."

McCormick Hall turns 25

(Continued from page 1)

women," Resnick said. In 1960 McCormick turned focused her efforts to constructing the first women's dormitory at MIT. That year the "enrollment of women undergraduates was essentially what it had been during Katherine's student days of over fifty years before," Resnick explained, and the "single factor that determined this low enrollment was lack of housing."

Previously the only housing available to female MIT students was 120 Bay State Road, a "sorority-like" residence which provided approximately 30 beds, according to Dean for Undergraduate Education Margaret L. A. MacVicar '65. Since freshmen were required to live there, the number of beds was essentially the number of women students admitted to MIT. This resulted in much higher standards for women students than for men, MacVicar claimed.

The west wing of McCormick opened in 1963, and all women who entered MIT as freshmen that year were required to live there.

In addition, the women were required to have a seven-day commons plan, unlike the male students, who had a five-day commons and were responsible for themselves on the weekends.

These requirements created tension between the administration, which wanted to make McCormick a "center for women," and the women required to live there, MacVicar said. An MIT junior when McCormick opened, MacVicar described the move from a Boston apartment to the dormitory as "freedom lost."

MacVicar also noted an irony between the strict requirements for women students and the women's rights issues which McCormick promoted. The "initial

implementation seemed to be at odds with her [Katharine McCormick's] own past and what she wanted to accomplish for MIT in terms of freedom," MacVicar said. The absence of doors on the first floor lounges, one way that the women students were "protected," contrasted with the "stories of freedom and birth-control," she noted.

McCormick's first housemaster, Linwood Bryant, also acknowledged this resistance on the part of women students who "professed not to like" McCormick because they had been "compelled" to live there. But he noted that administrations in women's colleges were "always paternal," and he felt MIT was "more liberal" than most.

Despite this tension, McCormick provided more beds for females and thus facilitated the "entrance of women into MIT,"

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news roundup

from the associated press wire

Nation

North convicted on three felony counts

The jury in Oliver North's trial has found the former White House aide guilty of three felonies, while acquitting him of nine other charges. North was found guilty of obstruction of Congress in creating false and misleading chronologies of events in the Iran-contra affair, falsifying and destroying documents in November 1986 as the affair was about to become public, and accepting an illegal gratuity — a home security system — from Iran-contra co-defendant Richard Secord. North faces a maximum of ten years in prison and fines up to \$750,000. He was acquitted of counts that accused him of lying to Congress and the Attorney General, defrauding the government and converting travelers' checks to his own use.

NASA launches *Atlantis* successfully

The space shuttle *Atlantis* roared off the launch pad at Florida's Kennedy Space Center yesterday afternoon. The liftoff came almost an hour after the originally scheduled launch time because of strong winds and heavy clouds. The shuttle has already sent the probe *Magellan* on its 15-month trip toward Venus, where it will map the cloud-enshrouded planet with computer-enhanced radar.

House approves budget

By a vote of 263-157, the House has approved a \$1.2 trillion budget which upholds a much-criticized agreement with President Bush to reduce the deficit without cutting spending or significantly raising taxes. The Senate is also moving toward passage of its version.

As laid out by the White House agreement, the House and Senate budgets claim to shrink the federal deficit to just below \$100 billion, as required by the Gramm-Rudman law. They would allow federal programs to grow, but at less than the rate of inflation.

Critics say too much of the deficit reduction would be achieved through false accounting and gimmicks, which do nothing to address the government's long-term fiscal imbalance.

Defenders say more can be done later. They describe the budget as the first step in a continuing deficit-reduction effort with the White House — a cooperative effort marking a sharp change from the years of budget warfare during the Reagan Administration.

Surgeon General Koop to resign

Surgeon General C. Everett Koop submitted his resignation effective July 13. Koop said he will not serve the remainder of his second four-year term, which ends in November. Health and Human Services Secretary Louis Sullivan praised Koop, who is 72, for his efforts to stop the spread of AIDS and to get smokers to kick the habit.

Oil tanker operator pleads innocent

Joseph Hazelwood pleaded innocent to charges of operating an Exxon oil tanker while intoxicated. The fired skipper was arraigned in Valdez, AK, on Wednesday on charges in connection with the nation's worst oil spill. The judge set bail at \$50,000 and set a trial date for June 20.

Meanwhile, the head of Exxon Oil is demanding that the government put a "point man" on the cleanup of oil along Alaska's coast. Exxon President Lee Raymond said as many as 14 government agencies may have a hand in approving his company's latest cleanup plan and putting it into action. He said one person needs to be in charge so the process doesn't get bogged down in bureaucracy.

Rape victim emerges from coma

The Wellesley graduate who was raped and brutally beaten while jogging in New York's Central Park two weeks ago has emerged from a coma. According to doctors, she recognized and managed to say several words to some of her relatives. She even expressed a desire to resume running. Doctors, however, said that it is unlikely that she will ever fully recover.

Sports

Fleisher dies at 58 after squash game

Larry Fleisher, founder of the NBA Player's Association in 1961, died Thursday in New York after a game of squash. An NBA spokesman said Fleisher collapsed in the locker room of the New York Athletic Club and was taken to a hospital where he was pronounced dead. Fleisher was an agent to such greats as Jerry West, Bill Bradley, John Havlicek, Willis Reed, Bob Lanier and Alex English.

Iowa repairs estimated at \$20 million

The Pentagon estimates it will cost up to \$20 million to repair the burned-out gun turret on the battleship *Iowa*. Forty-seven sailors died in the turret last month when powder bags for the battleship's 16-inch guns ignited. The Defense Department said no decision has been made on whether to make repairs, but noted that the cost is low enough.

Trump's bid may be topped

The federal bankruptcy judge who is overseeing the Eastern Airlines' reorganization has given prospective buyers until May 10 to submit bids. America West Airlines, which is based in Arizona, has surprised many by saying that it can top Donald Trump's \$325 million offer for Eastern's Washington-New York-Boston Shuttle.

Local

Police arrest 32 at UMass-Amherst

Police at University of Massachusetts-Amherst arrested 32 students who refused to end their 20-hour sit-in to protest Defense Department funding of research research on campus. Another group of students briefly occupied the office of Chancellor Joseph Duffey to protest the arrests. The students met with administrators but apparently didn't receive the apology they had sought.

The protests yesterday occurred 20 years after the Kent State University demonstrations, which ended in the deaths of four students. The Kent State students, who were protesting the US invasion of Cambodia, were shot by National Guardsmen.

Shannon, Dukakis continue fight over Seabrook plant

Gov. Michael S. Dukakis and Attorney General Joseph Shannon vow that the fight over opening Seabrook nuclear power plant is not over. The Nuclear Regulatory Commission last night cleared the way for low-power testing at the New Hampshire facility. NRC technical staffers said they were satisfied that Seabrook owners can afford to dismantle the plant if it never receives a full-power license.

Yesterday Dukakis said he wasn't surprised by the NRC's decision because the Bush Administration seems bound and determined to open every nuclear power plant. But Dukakis said nothing has changed and that he still believes the plant is a threat to public safety. Shannon told a separate news conference that he will file papers with the NRC on Monday seeking to block a license pending a Federal court review. Shannon said he wants the people of Massachusetts and New England to know the fight over Seabrook isn't over.

Infrastructure improvements to cost \$37 billion over next decade

A special commission said Massachusetts needs to spend more than \$37 billion over the next decade to repair its infrastructure. But the report from the Massachusetts Special Commission on Infrastructure Finance leaves open the question of how to pay for repairs to deteriorating roads, bridges, dams, schools and other infrastructure needs.

Woman wants beach shack declared historic relic

Grace Sessay went before a federal appeals court in Boston yesterday to fight the National Park Service's plans to demolish her rustic cottage in the dunes of the Cape Cod National Seashore. The battle dates back to 1967. One of Sessay's attorneys said the case is the oldest still pending in federal court. Sessay said her Provincetown shack is a historical relic. It's one of a cluster of primitive beach cabins that for a century have been used as creative retreats by artists, poets, writers and celebrated Bohemians, including Jack Kerouac and Eugene O'Neill.

The Massachusetts Historical Commission has recommended that Sessay's shack and 17 others belong on the National Register of Historic Places. The National Park Service, however, has said it has identified shacks visited by notable artists, but Sessay's cottage wasn't among them. It said cottages frequented by Eugene O'Neill, Mabel Dodge, and Edmund Wilson are no longer standing, and the agency maintained there is no proof that the likes of e. e. cummings, Kerouac or Norman Mailer spent time in the rickety buildings that still cling to the isolated dunes.

World

Seoul's government threatens extreme measures to end violence

President Roh Tae Woo said that he is on the verge of invoking emergency measures in Seoul to end the recent violence trend. These measures could include martial law or rule by decree. His statement of warning came on a day when six riot police were killed in a clash with protesting students.

Marine helicopter crashes and burns

Officials said five US Marines were killed when a US military helicopter crashed and exploded in southern France after it hit a high-tension power line on a night training flight. The UH1 Huey fell about 200 feet, then crashed into a mountain stream and exploded Wednesday evening near Rougon, a village 60 miles northwest of Nice.

The pilots were using night-vision goggles, but military officials said there's no reason to suspect the goggles played a role in the crash. The army recently ordered a safety inspection of its night-vision goggles after several crashes.

Attempts to mend NATO alliance are deadlocked

Efforts to mend a rift in the NATO alliance seem to be at a standstill. West Germany has been pushing for negotiations with the Soviets on short-range nuclear missiles. President Bush ruled out the possibility of such talks this past Wednesday. In doing this Bush was keeping with the US and British stance supporting modernization of the weapons.

Japan draws heat over trade barriers

The Bush Administration is receiving pressure from Congress to target Japan as a major builder of trade barriers against American products. Trade Representative Carla Hills was told by lawmakers on Wednesday that there is too much evidence of trade violations to keep Japan off the list of countries with trade barriers that Hills is to publish by the end of the month.

Weather

Ed Nelson's May Almanac

One of the niceties we are treated to during May is the continual lengthening of daylight hours. In Boston, for example, we will gain an additional hour of daylight by month's end, bringing the number of daylight hours to just over 15. Another treat brought to us by the month of May is a few degrees of warming in average temperature.

Most of the precipitation we receive during May will be the result of showers caused (in part) by the heating of the lower layers of the atmosphere.

Looking toward the heavens, Mercury's red glow is visible to the naked eye during the first few days of the month. Low on the western horizon just after twilight, Venus and Jupiter will appear very close on May 22.

The average high temperature for the month is 67.1°F (19.5°C) and the average low temperature is 50.1°F (10.0°C), giving a mean temperature for the month of 58.6°F (14.8°C). The normal precipitation for the month is 3.34 inches, with an average of 12 days of measurable precipitation.

A rather wet weekend is in store for much of New England. Low pressure will develop over the eastern Carolinas Saturday morning and move northeast — passing across southeastern New England late Saturday evening. Colder weather and slow clearing will follow on Sunday. Some sections of the Northeast will even see some flaky weather by Monday morning.

Today: Increasing clouds; mild. High 63-68°F (17-20°C). Winds south at 10-15 mph (16-24 kph).

Tonight: Mostly cloudy with showers arriving. Low 50°F (10°C). Winds south at 5-10 mph (8-16 kph).

Saturday: Clouds and some sun early. Showers, thundershowers, and steadier, heavier rain by noon. High temperatures will range from 50's along the coast to near 70°F (21°C) inland. Low 47°F (8°C). Winds southeast at 15-25 mph (24-40 kph), shifting to west-southwest.

Sunday: Clearing; cooler. High 55°F (13°C). Low 35-40°F (2-4°C).

Forecast by Michael C. Morgan

Compiled by Joanna Stone,
Josh Hartmann,
and Mark Kantrowitz

opinion



LETTERS TO THE EDITOR

Gay men deserve dignity and respect

Jason Satterfield's letter, ["Breaking the long chain of intolerance," April 28], explained why intolerance towards gay men and their acts of affection at social activities is no different from racial, ethnic, or sexual discrimination. Threatening the freedom of individuals simply because they are gay should not be permitted at social functions or anywhere else for that matter.

But discrimination against gay men is more than just a civil rights issue. The root of the problem is that some people feel disgusted at the sight of two gay men holding hands or embracing

each other tenderly. However, many people on the MIT campus have recognized that gay men are a visible and contributing part of the MIT community. A student body which boasts of pluralism and diversity should understand that gay men deserve the dignity and respect that all human beings should enjoy. Gay men must be accepted for who they are.

The fact that the people who asked the gay men to move to a less conspicuous place lived in that fraternity and therefore had the right to act from within the confines of their own private

property is beside the point. Although the two people who asked the two gay men to leave felt offended, their intolerance should not be condoned by the MIT community. Fraternities are considered independent living groups, but they are subject to MIT anti-discrimination clauses which prevent discrimination on the basis of sexual preferences. As long as the offended people are part of the MIT community, they will need to understand that gay men are worthy of the respect given to any human being. Moreover, the fact that the "offended" people were courteous to the two gay men does not speak to the essential issue of discrimination.

Let us not forget that it was not too long ago when interracial marriages were viewed by many people as disgusting and revolting. The picture of two gay men holding hands should not be grounds for their relocation in a party. To justify the removal of the two men from their location in the party on the grounds of preventing harm to others is nonsensical, for it is clear that a held hand or an embrace does not harm anything but people's internalized prejudice against gay men.

The real problem is that homophobia and discrimination against gay men dehumanizes people. Society must recognize this as a problem and learn to accept gay men as human beings.

Samuel R. Peretz '89

Luis Ramon Mireles '89

Animal research needed to save human lives and reduce suffering

I would like to pose just one small challenge to Doris Lin and the Animal Rights Forum ["Reducing animals' suffering would also benefit plant life," May 2]. She says that "although some animal research may someday benefit humans, we do not have the right to perform experiments on animals. The end does not justify the means." I wish no harm to come to anyone, but my challenge is this: if you should ever need any sort of medical attention, from an over-the-counter medication to any kind of major medical treatment, I challenge you to refuse any such medication or treatment developed using animal research. If, God forbid, you should ever need surgery, I challenge you to have the surgery done without the benefit of any of the operating room technology developed through animal research.

I obviously make these challenges with tongue in cheek (mostly). But the point is that our choice is not just whether or not to use cosmetics. Every day, researchers using animal models are finding out things that save human lives and reduce human

suffering. It is easy to say that we have no right to use animals for our own benefit, but would you really go without anesthesia if you needed an operation? I tend to doubt it.

I fully agree that we could easily do without many of the luxuries that are developed at the expense of animals' lives. However, I do not at all agree that we can do without animal research. What we need is not ignorant, arbitrary rules prohibiting all animal research. We simply need better regulation, so that researchers are forced to take the greatest pains to minimize the use of animals and to minimize the suffering of those animals that are used.

Samuel R. Peretz '89

Luis Ramon Mireles '89

Computer companies stretch the meaning of copyright protection

That little ad that a few MIT professors took out in *The Tech* on April 14 has raised a lot of interest in the computer industry. As head engineer of Mosaic Software, I was the original author of the TWIN — the first Lotus-compatible spreadsheet, and the object of Lotus' lawsuit against Mosaic. I say bravo to Marvin Minsky, Richard Stallman, and Gerald Sussman for having the guts to say what most of us are too afraid to suggest.

Lotus and Apple are stretching the commonly understood meaning of copyright protection to encompass user interfaces. Other companies like Ashton Tate are even claiming exclusive rights to computer languages and file formats which have become widely used industry standards. Believe it or not, Xerox owns a design patent on wastebasket icons (not to be confused with trash cans).

Lotus complains that TWIN copies their interface and macro language command for command. But programs which emulate the complete command sets of others are the backbone of the computer industry. Without compatibility and open standards, there would be no PC software industry.

Copyrights only apply to expression of ideas, not ideas themselves, and certainly not functional things like file formats. But programming interfaces do not really say anything. In fact, it

is the programmer, not the interface that says anything.

Menu keywords and the trash can icons have as much in common with creative literature as the rewind key on your tape player, the tuning knob on a radio, or the little "sun" icon that some cars use to label the headlight switch.

Imagine how mathematics would have advanced if everyone copyrighted the part that he or she invented? Nearly every programming language since FORTRAN uses the words "return," "goto," "end," and "for" exactly the same way. But not if the lawyers get their way. If Macintosh owns "Quit," and Microsoft owns "Exit," only a few companies could snatch up the few other synonyms, and before long, the entire English language, and every possible icon, would be owned by a dozen companies.

What's the point of standard interfaces if companies make them proprietary anyway? The whole point is to eliminate having to switch gears between your Macintosh, PC, and workstation. It is technically possible, but the lawyers may not allow it.

Open standards are what make the commercial success of the computer industry possible. If you value your jobs, and the future, take a stand on this issue and make your voices known.

Arthur Hu '80

The Tech

Volume 109, Number 23

Friday, May 5, 1989

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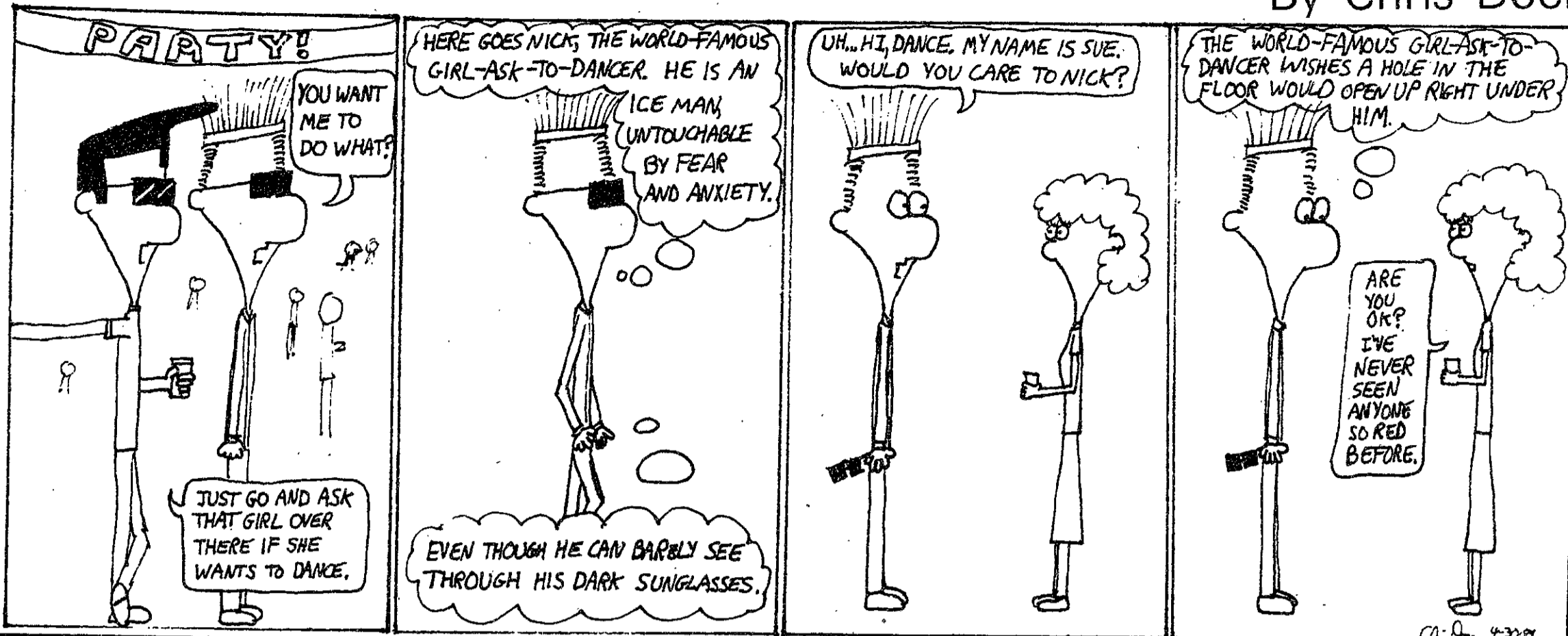
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By Chris Doerr



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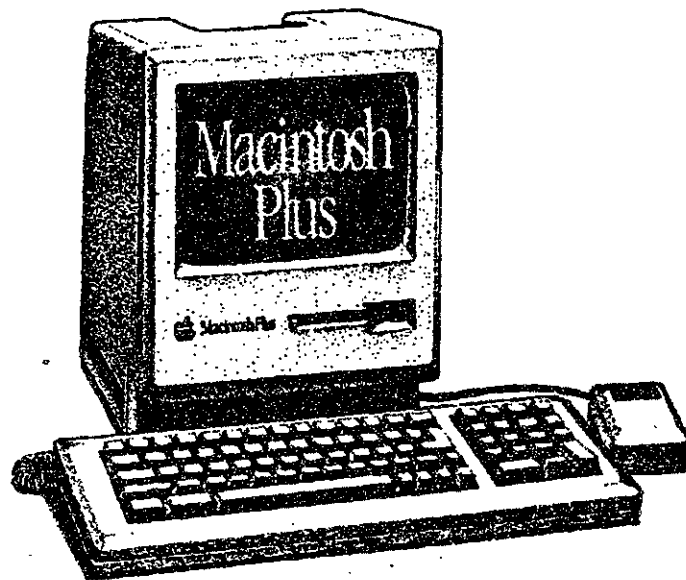
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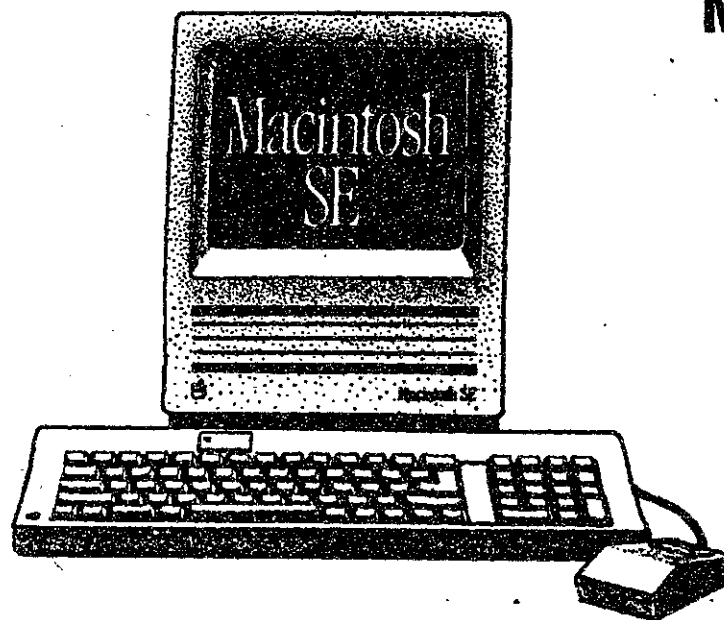
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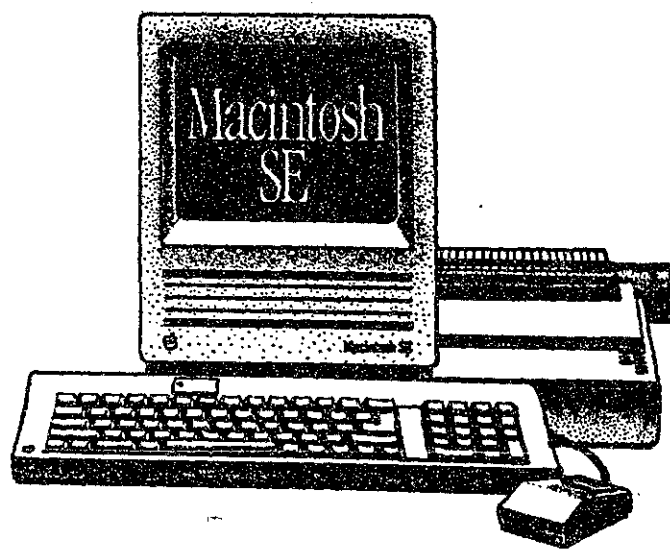
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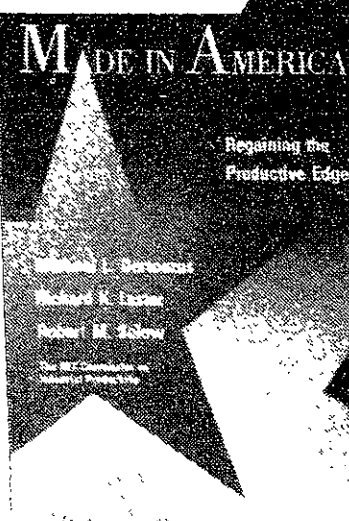


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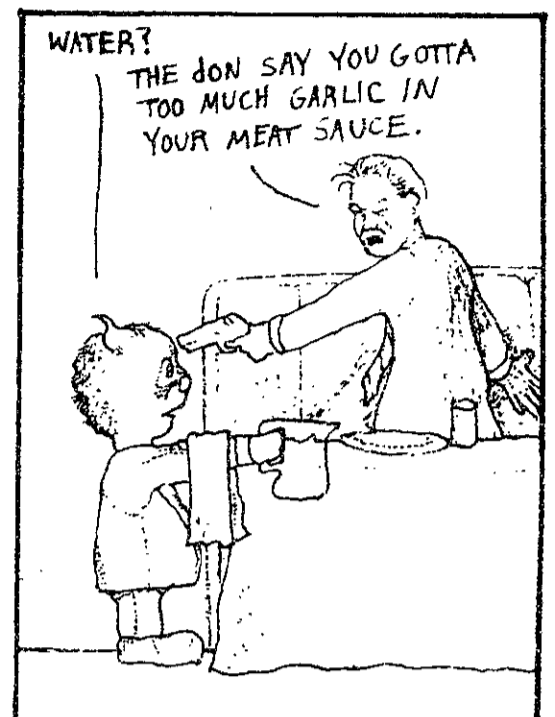
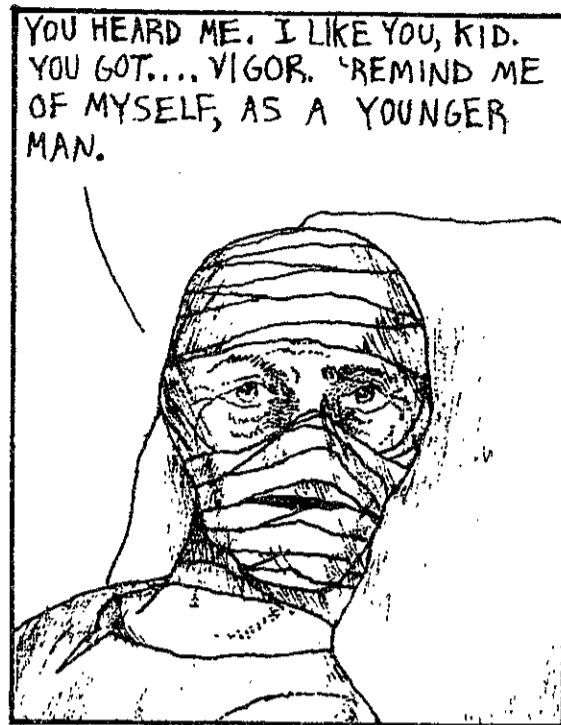
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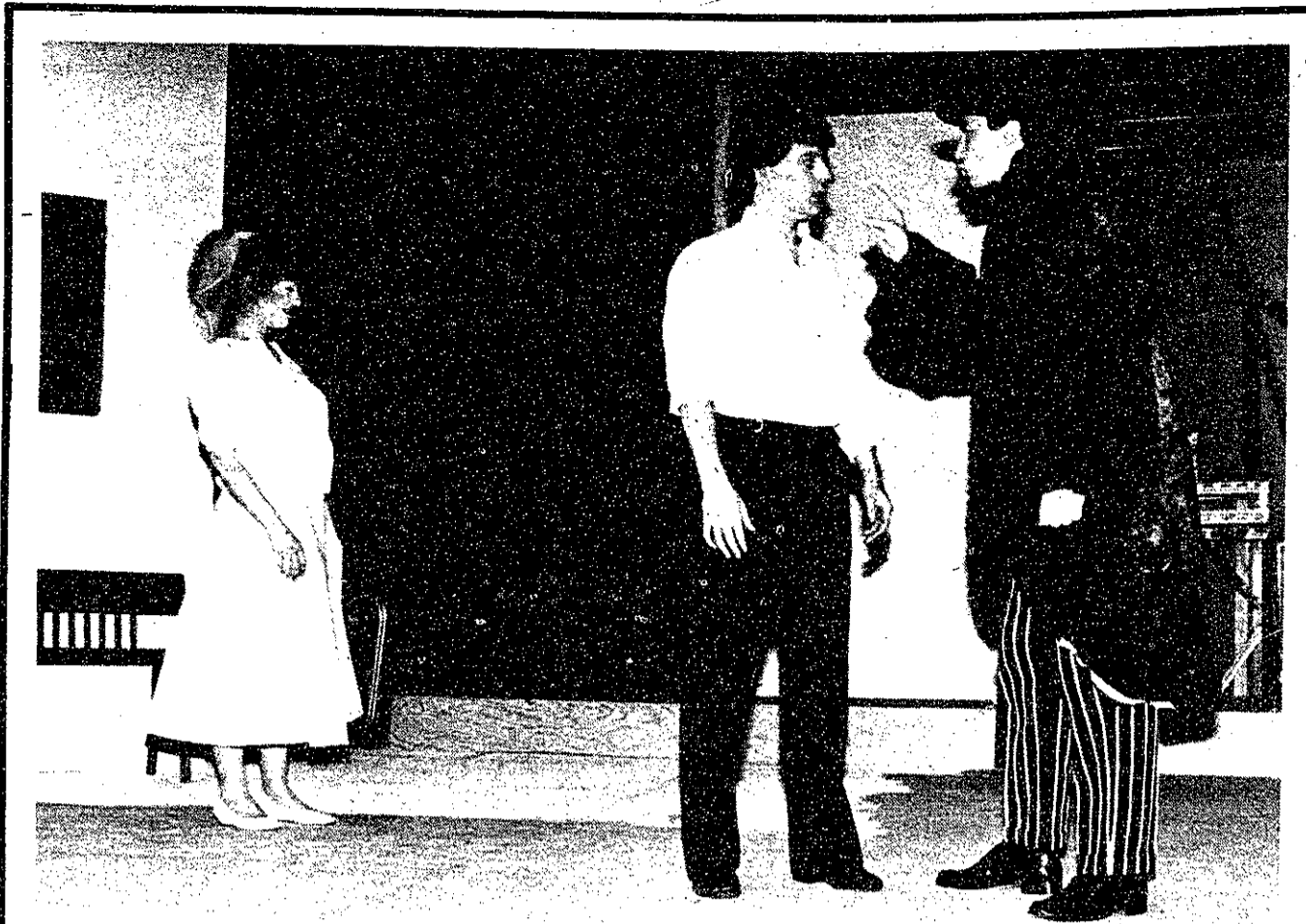


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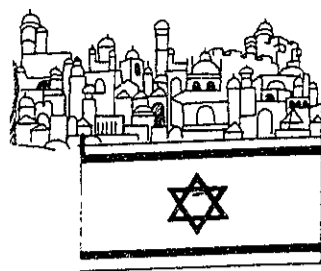


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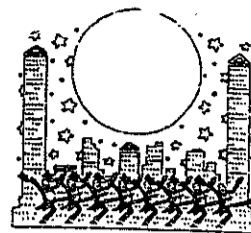
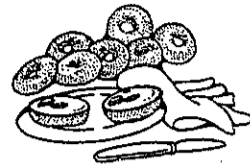
Scheming deviously, the slave Pseudolus (Mike Pieck '92 - center) bargains with Marcus Lycus (Nelson Sharfman '91 - right) for one of his courtesans, Philia (Lisa Reidhaar-Olsen '92 - left), though she has already been sold to a military hero, Miles Gloriosus, in MTG's performance of *A Funny Thing Happened on the Way to the Forum*.

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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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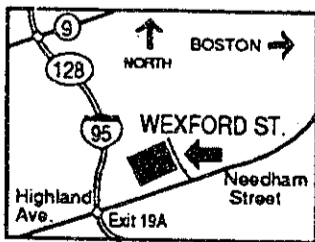
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Students plan an Institute JudComm

(Continued from page 1)

their house JudComm.

An Institute JudComm would help solve the "back-logging" of student complaints in the Office of the Dean for Student Affairs, according to New House JudComm member Emil Dabora '91. The Committee on Discipline, originally designed to deal with academic problems, has begun to deal with disciplinary matters within the dormitories in an effort to lessen the backlog, he explained. While COD's efforts have reduced the overload of complaints somewhat, it has not solved the problem, Dabora said.

This overload has created a waiting period between the submitting of a complaint and the rendering of a decision. One result of this is "senior slide," Dabora contended. Since graduating students realize that disciplinary action will probably not be carried out until well after they graduate, they tend to act without much fear of penalty, he explained.

The Institute JudComm would be fully dedicated to student complaints, thus increasing the efficiency with which these complaints could be handled. The delay period between complaint and resolution would be greatly reduced, and this would enhance the entire Institute judicial system since "justice delayed is not justice," Dabora concluded.

By "showing that a peer judicial process can be effective," the Institute JudComm would also be a "mechanism through which house JudComm can be strengthened," according to Andrew M. Eisenmann '75, a senior staff associate in the Student Affairs Office. Dabora agreed that the establishment of an Institute JudComm might "legitimize [the JudComm process] more in some students eyes."

Finally, the Institute JudComm would "give more of the regulation of student policies back to students," Pruitt said. This is crucial since "part of government is self-regulation," she added.

Eisenmann also applauded this idea of "students and student groups dealing with the issues students have." He was confident that students would "be able to understand and evaluate the issues at a level which may be more appropriate to the circumstances of the case."

The existence of the committee, and the many cases it could resolve, would free the ODSA to do more planning, Eisenmann said. And "the more avenues that exist, the more opportunities students have, the better they will feel about the process, and the more effectively it can work," he concluded.

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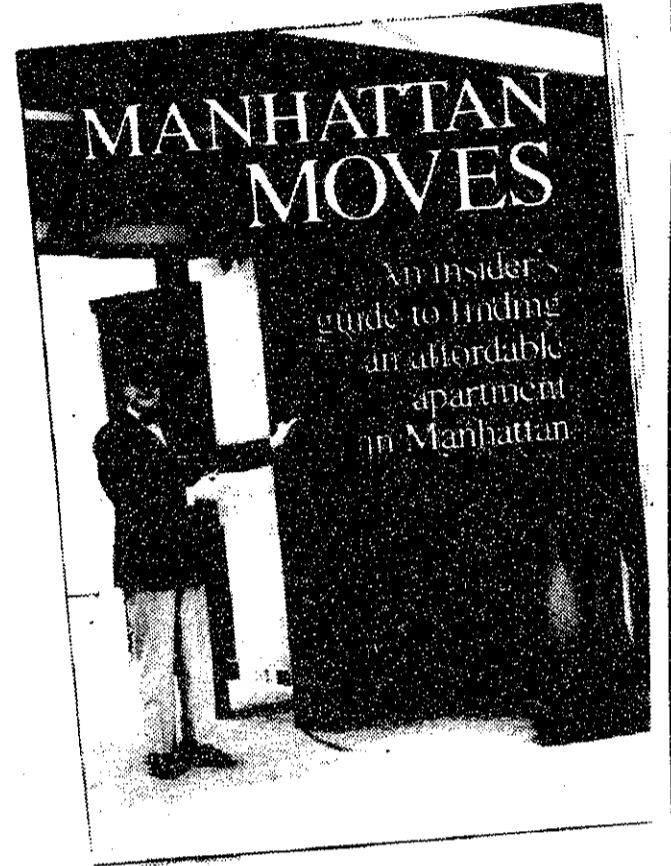
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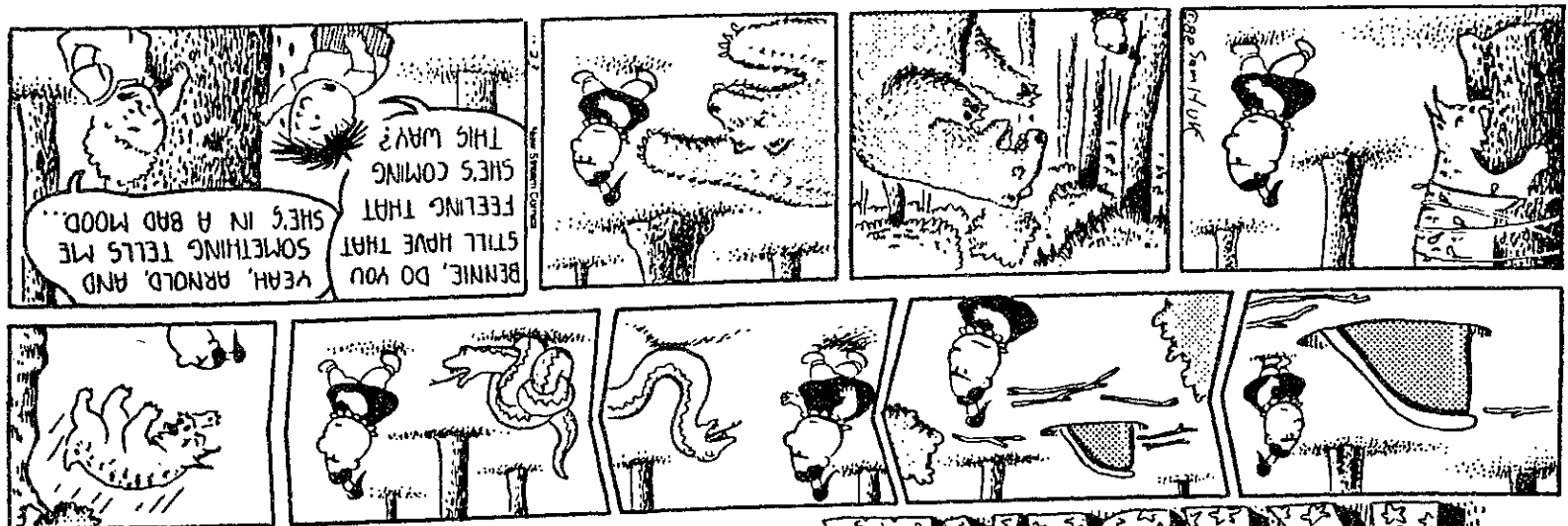
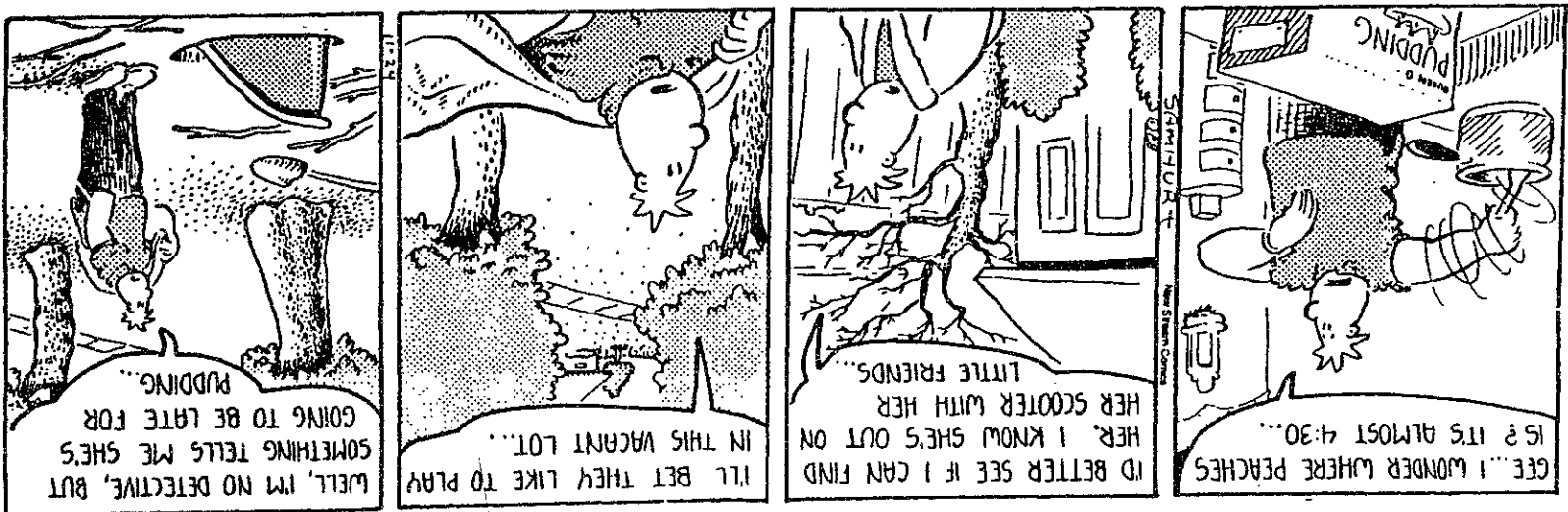
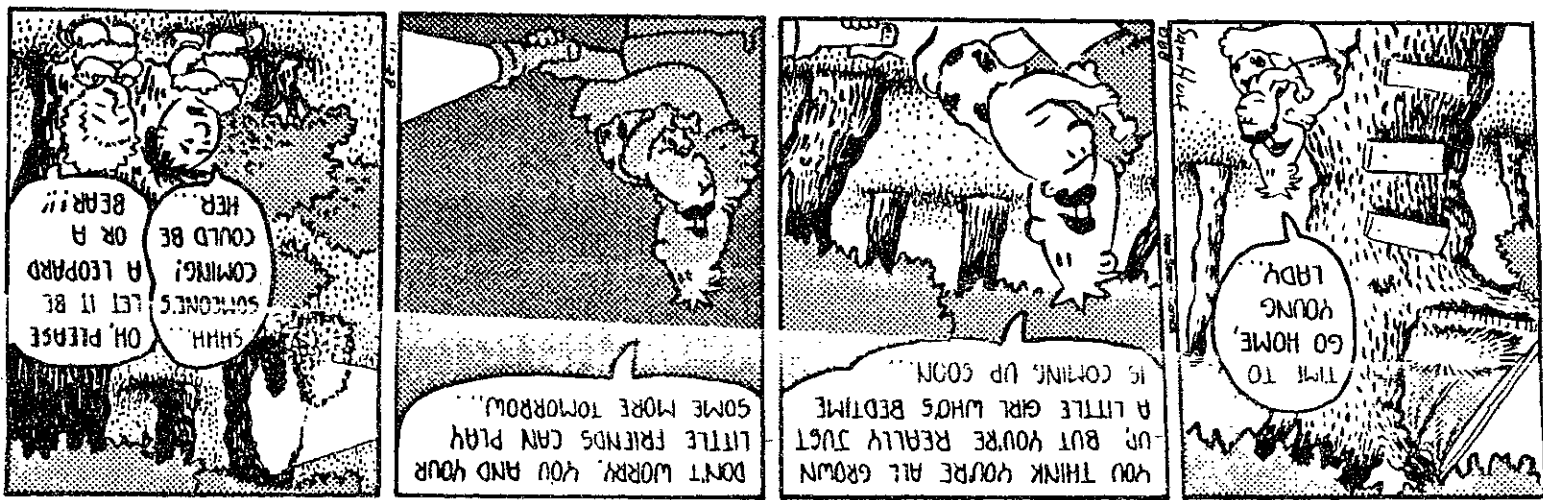
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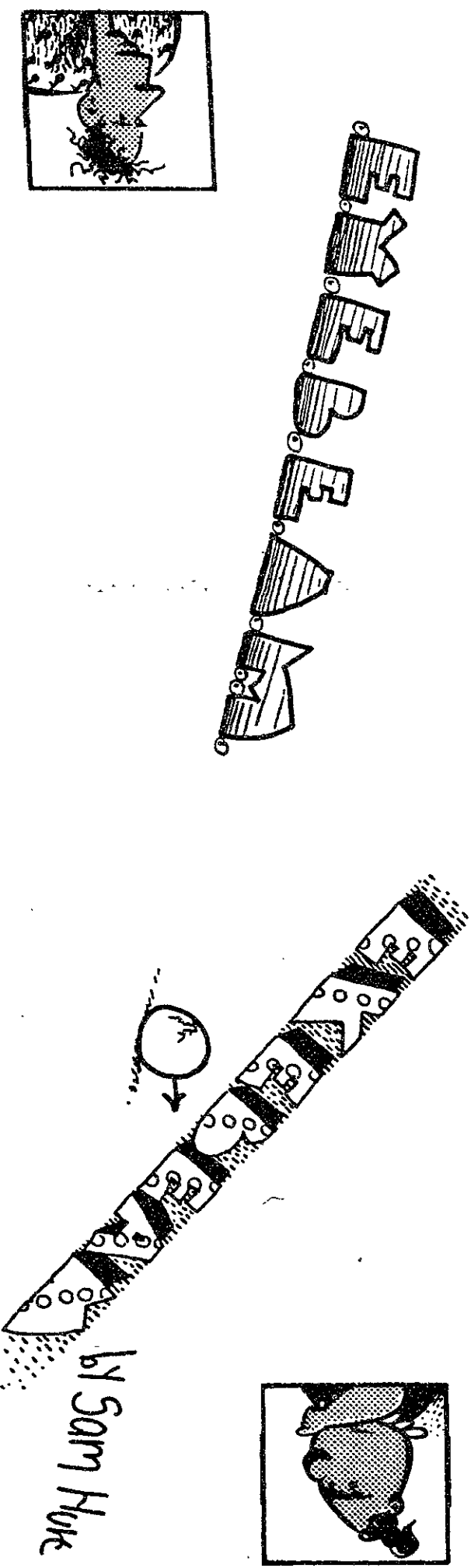
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by Sam Hirk

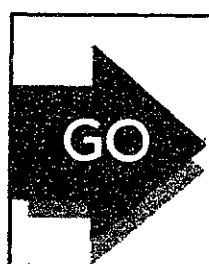
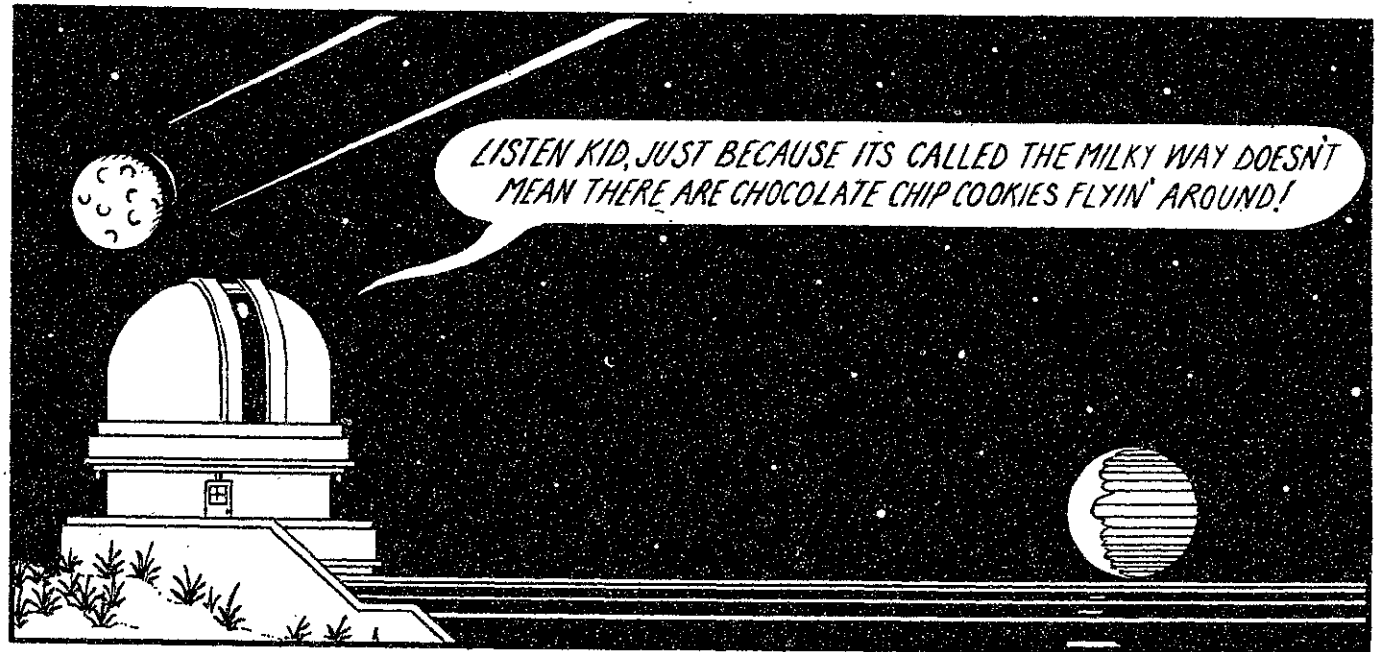
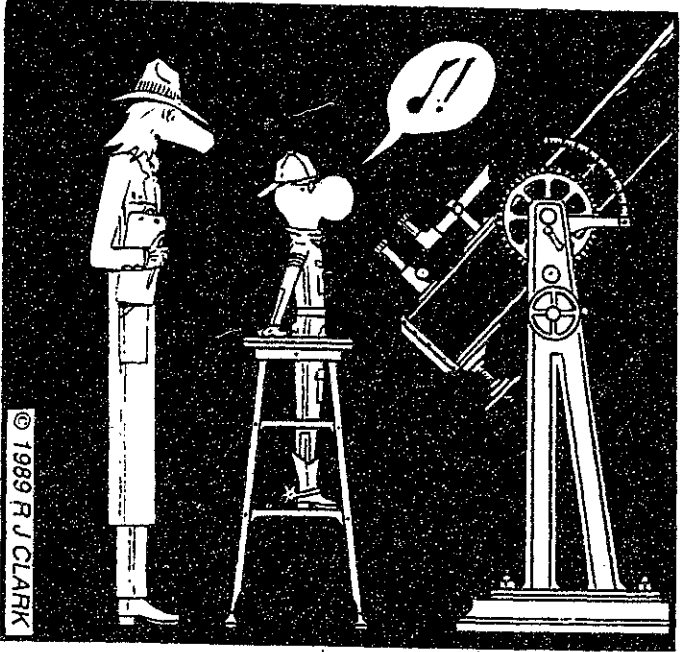


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BY RJ CLARK



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Listings

Student activities, administrative offices, academic departments and other groups — both on and off the MIT campus — can list meetings, activities, and other announcements in *The Tech's* "Notes" section. Send items of interest (typed and double spaced) via Institute mail to "News Notes, *The Tech*, room W20-483," or via US mail to "News Notes, *The Tech*, PO Box 29, MIT Branch, Cambridge, MA 02139." Notes run on a space-available basis only; priority is given to official Institute announcements and MIT student activities. *The Tech* reserves the right to edit all listings, and makes no endorsement of groups or activities listed.

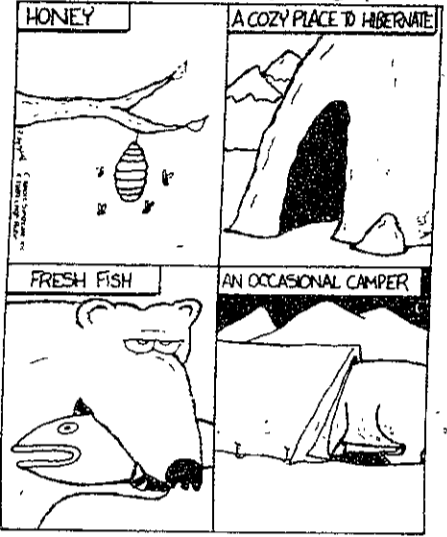
Friday, May 5

Black Rose Lectures will sponsor a talk by Franz Minuty, host of "The Caribbean Forum" on WZBC-FM entitled **Beyond Mountains, More Mountains: Haitian People's Difficult Journey to Democracy**. The lecture will take place in Room 9-150. For more information, call (617) 524-0781.

Saturday, May 6

There will be a lecture entitled **Solidarity with the Palestinian Liberation Struggle** on Saturday, May 6 at 7:30 pm at the Pathfinder Bookstore, 605 Massachusetts Avenue, Boston. For more information, call (617) 247-6772. A \$3 donation is suggested.

Rubes By Leigh Rubin



Bear Necessities

Sunday, May 7

The MIT Islamic Society invites the MIT community to a picnic on Sunday, May 7

from noon to 3 pm at the Barbecue pits between Kresge and Rockwell Athletic Center. Bring your friends and family to celebrate Eid ul Fitr and the end of Ramadan.

The **Boston Vegetarian Society** will present a lecture entitled "Vegetarianism: A Humane Relationship with Life" on Sunday, May 7 at the Seventh Day Adventist Church, 105 Jersey Street, Fenway Area, Boston at 5:30 pm.

The **20th Annual Walk For Hunger** will be held on Sunday, May 7. You may walk, sponsor a walker, or just give a contribution. Please help us "Feed the Hungry." Call Mary A. Kelley, area coordinator, for more information at (617) 776-7071.

Monday, May 8

Registration Material for the first term 1989-90 will be available in Lobby 10 on Monday, May 8 and Tuesday, May 9. Descriptions of subjects will be available for reference in the main libraries, the information center, and in department headquarters.

Tuesday, May 9

The Department of Electrical Engineering and Computer Science has scheduled a meeting for Course VI Juniors to discuss admission to Graduate School, Graduate Financial Aid and Employment prospects. The meeting will be Tuesday, May 9 at 4 pm in Ropom 34-101. For more information, call x3-4603.

The **New England Environmental Career Fair '89** will be held in the Hynes Convention Center on May 9, 10, and 11. Information is available from the New England Environmental Career Fair '89 by writing them at P.O. Box 2179, Attleboro, MA, 02703 or by calling (508) 222-2254.

Wednesday, May 10

There will be a lecture entitled "JFK: Education of a President" on Wednesday, May 10 from 8-9 am at the Massachusetts Archives building off Morrissey Blvd., Dorchester.

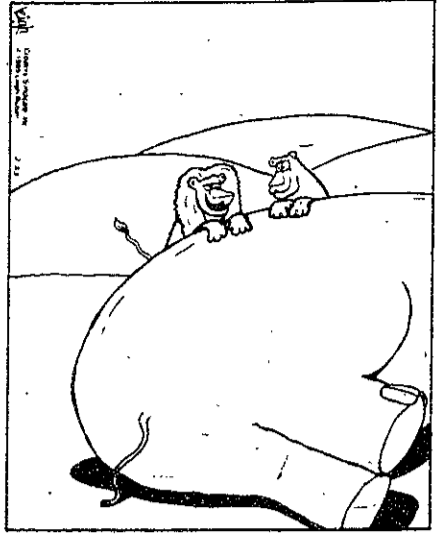
Friday, May 12

Dr. Harold Edgerton will give a lecture entitled "Sonar Experiences" on Friday, May 12 at 4 pm in Room 5-314. The lecture is presented by the Department of Ocean Engineering.

Sunday, May 14

Nafez Assaily and Amos Gvirtz will

Rubes By Leigh Rubin



"You know, old boy, it's about time we did our part for conservation. So let's save some of this sucker for tomorrow's lunch."

speaking on "Nonviolence in the Midst of War: Civil Disobedience in the Struggle for Palestinian-Israeli Peace." The discussion will be held on Sunday, May 14 from 6:30-8:30 pm in Room 66-110. A \$3 donation is suggested. For more information, call (617) 354-0008.

Wednesday, May 17

Paula Gould, Secretary of Consumer Affairs and Business Regulation, will speak on "Bridging the Gap: Consumer Protection with a Health Respect for Business" on Wednesday, May 17 from 8-9 am at the Massachusetts Archives building off Morrissey Blvd., Dorchester.

Saturday, May 20

The **Mobilization for Survival** will have a crash course on the US and the Israeli-Palestinian conflict. The course will be Saturday, May 20 from 10 am-2 pm at the Central Square Library in Cambridge, 45 Pearl Street. For more information, call (617) 354-0008.

Volunteer Opportunities

The **American Red Cross** of Massachusetts Bay is seeking volunteers to help immigrants to achieve permanent residence status. Volunteers are needed to teach English and Civics classes in Boston, Cambridge, and Waltham. To join this project, call Lynn Klumb at (617) 262-1234.

The **Cambridge Committee for Responsible Research** is looking for volunteers to work in their office on a weekly or as-needed basis for special projects. CRRR, located next to the Porter Square T stop,

works to provide public accountability in animal experimentation. For more information, call (617) 547-9255.

Summer Volunteer Opportunity with the Samaritans. A special weekend training on June 3, 10, and 17 will prepare you to answer our phones, offering care and attention to those who are despairing, lonely, or suicidal. Class size is limited, so call soon. For more information, call (617) 247-0220 or (617) 536-2460.

Volunteers Needed for Soviet Resettlement. Help newly-arrived Soviet immigrants improve their English language skills. Volunteers are needed for two hours weekly to visit an immigrant family in their home and help them make a new life in Boston. For more information, call Joanne Spector at (617) 566-5716.

The **Massachusetts General Hospital** is looking for people with acne, psoriasis, warts, and nail fungus for clinical studies with a new topical medication. For more information, call (617) 726-5066. All visits and treatments are free of charge to all qualified participants, and a remuneration will be granted at the end.

Tutoring Plus is looking for volunteer Big Brothers, Big Sisters, and Tutors to work with area youths. The commitment is 2 to 5 hours a week. If you are interested, please contact Ann Budner at (617) 547-7670.

The **MIT/Wellesley Upward Bound Program** needs **Instructors and Tutors** to assist disadvantaged high school students in math, english, science, social studies, computer science, and foreign languages. For more information, call (617) 253-5124.

The **Cambridge School Volunteers** invites you to help us help kids learn. Your time and talents can really make a difference in a child's life. Volunteer opportunities include teaching English as a Second Language, reading stories to young children, tutoring high school students, teaching computers, and helping in the library. For more information, call 498-9218.

Do you have something to offer the public school students of Boston? Nearly all college students do, and many are now sharing their talents as **S*T*A*R** volunteers. School volunteers also offers internships in Publicity/Marketing, Community Organizing and Recruitment. For more information, call 451-615; or visit the School Volunteers Office at 25 West St., between the Park St. and Washington stops on the MBTA.

The **Peace Corps** is offering skill-training for programs utilizing the backgrounds of college graduates with mathematics and

science minors. Peace Corps volunteers serve for two years. During their service they receive a generous living allowance, paid travel, training and health care. A post-service readjustment allowance of \$175 per month is paid to each volunteer. For information on Peace Corps service, call 223-7366, or write **PEACE CORPS**, 150 Causeway St., Room 1304, Boston, MA 02114.

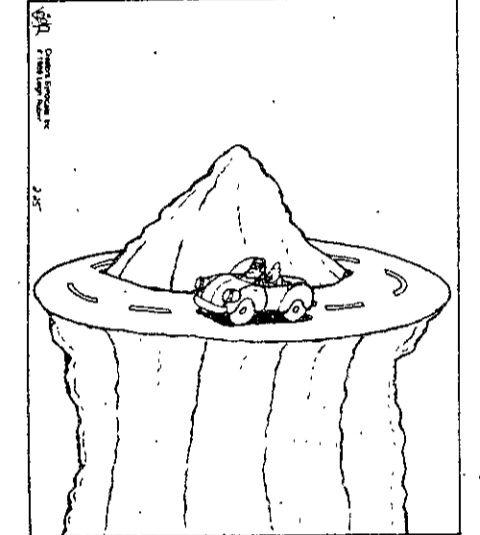
The **Elizabeth Peabody House of Somerville** is looking for adult volunteers who are willing to share some of their time with a child who needs their special attention. If you think you can help, please call Julie Yeh at 623-5510 for additional information.

The **Greater Framingham Area Veteran's Outreach Center** is holding New Rap sessions for Vietnam Veterans every Wednesday (except the third week of the month, when they will be held Thursday) at 7 pm. There is also a group for the wives of Vietnam Veterans. For more information, call 879-9888.

The **Epilepsy Association of Greater Boston's School Alert Program** is looking for individuals who have epilepsy or their family members to talk with fourth grade students and school personnel in their local community about epilepsy. For more information, please contact Gayle Daley, School Alert Coordinator, Epilepsy Association of Greater Boston at 542-2292.

The **Foreign and Domestic Teachers Organization** needs teacher applicants in all fields from kindergarten through college to fill over six hundred teaching vacancies both at home and abroad. For more information, write The National Teacher's Placement Agency, Universal Teachers, Box 5231, Portland, Oregon 97208.

Rubes By Leigh Rubin



"Alright, already! If it will make you happy, I'll get off at the next exit and get directions!"

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Byron Shaw is sponsored by Harrison Radiator Division, Lockport, NY.

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sports

Baseball still looking for playoffs, tennis is out

Sports Update

Double loss lowers chances for playoffs

The baseball team lost yesterday to Suffolk University 5-3 and Wednesday to Curry College 15-8, hurting their chances to appear in post-season play for the first time since 1974, Coach Fran O'Brien said after yesterday's game.

The Engineers (16-10) are in the hunt for a berth in the Eastern College Athletic Conference tournament, O'Brien explained. The top eight New England schools will be invited to attend, based on their performances by the end of this weekend. MIT's 16 wins are the most in the history of baseball at the Institute, O'Brien remarked.

MIT has one more game before the selection will be made; they play at Brandeis on Saturday. Brandeis defeated the Engineers 2-0 last month. Suffolk, Curry, and Brandeis all have records which are nearly as good as the Engineers, and losing three games to them would be very bad for MIT's chances, O'Brien explained. "All of them are in the hunt" for a playoff spot, he said.

O'Brien praised his pitchers, noting that their play was "excellent," even though "more pressure is on the pitcher when the team is not hitting well." O'Brien pointed to a slump in hitting, but hoped the bats would be up to their full potential for Saturday's game.

... Even if the team does not beat Brandeis, it can still extend the record for wins by winning the three games it has next week.

Men's tennis ranked high in New England

After a good start, the men's tennis team has run into a streak of bad luck, losing 5-4 in the last three meets. The meets have come down to the final sets in the final matches, Coach Jeff Hamilton explained. The losses bring the team's record to 7-7 in the spring, 10-10 including the fall season.

Hamilton said that the meet against Brandeis hit especially hard. MIT was ranked 13th in the nation (behind Brandeis), and only the top ten teams are invited to nationals. MIT lost the rain-delayed meet when their number one doubles team was defeated 6-3 in the third set of the final match of the meet.

Hamilton noted, however, that MIT's number one player, Kai-Yee Ho '89, probably will be invited to the NCAA individual championships. Ho is the number three player in New England, Hamilton said; the top four New England players are usually invited.

The team plays two away meets (at Wesleyan on Monday and Bates on Friday) before returning home to finish the season against Williams next Saturday.

Golf team has 16th winning season

The golf team defeated New York Institute of Technology, Worcester Polytechnic Institute, Carnegie-Mellon University, and Rensselaer Polytechnic Institute to capture the Russell V. Connant '22 Engineers' Cup.

The two-stroke victory over runner-up New York Tech gave MIT an 11-4 record for the spring 1989 season. That mark, combined with a fall '88 record of 2-5, gave the team its 16th consecutive .500 or better season.

Freshman Thor Iverson shot a career-best 84 in the number five position to give MIT the win in the Cup match. Iverson defeated the number five man from New York Tech by three strokes to clinch the match. Senior captain Chris Craig was a medalist for MIT with a 77. Matt Halbower '91 shot an 82, and Brent Beadling '90 finished with an 86.

Compiled by Michael J. Garrison and the Sports Information Office



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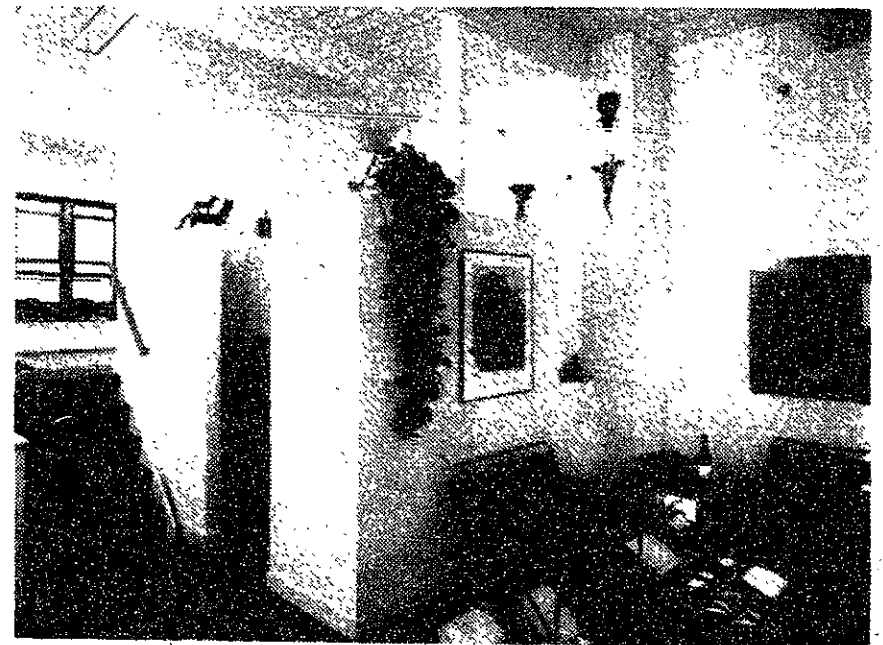
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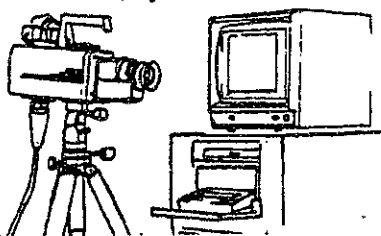
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sports

Men's lacrosse loses twice

(Continued from page 16)

second. MIT tallied all four second-quarter goals, Dans and Nee scoring once and Chang twice. MIT's short-lived lead was two goals at halftime.

The Lord Jeffs resumed their lead right away in the third quarter with three quick goals, two coming from Hough and one from freshman middie Jeffrey Connors. However, the tide turned in MIT's direction once again, leading to Kim's scoring on a rebound, Dans's redirection of a pass from Nee, and Lee's bouncer under Shoe's left arm, making the score 12-10, MIT.

Unfortunately for MIT goalie Nimitz and the Engineer defense, Amherst returned the favor with four goals in five minutes. Nee brought MIT to within one goal of the Lord Jeffs with a break-away goal at the end of the third period after Amherst's Vasilakos slashed at him and lost his stick.

With Amherst leading 14-13 at the beginning of the fourth quarter, MIT began to concentrate on offense. Hough sidearmed a 30-foot shot for the visiting team, scoring one minute before Nimitz brilliantly broke up an Amherst 3-on-1 break.

Attackman Will Regan '90 notched another Engineer goal after a very long bounce pass from an MIT defender, making it 15-14 in Amherst's favor. Two

more Amherst goals preceded a left-handed 20-foot goal by mid-die Jeff Feldgoise '91 and a bouncing shot from the same range by Nee to keep the deficit at one goal.

After several minutes of stalling by the visiting team, Amherst's Hough drove in and scored the final goal of the game, making the score 18-16 at game's end. "It was a hell of a game," Alessi said afterwards, "and although it was a mismatch on pa-

Both heavyweight and lightweight crews lose

(Continued from page 16)

The heavyweight JV eight had a similar problem holding their own against Syracuse. They kept even for the first 400 meters before MIT caught a "crab" and lost three seats. A crab happens when a rower mistimes his catch (dropping the blade into the water at the beginning of a stroke) and lets his oar get snagged under the water, upsetting the boat's balance and slowing down the boat's speed.

After the crab, Syracuse made power moves during the middle 500 meters and simply rowed off with the race. Syracuse won the race in 6:03.4 while MIT finished in 6:11.6.

Varsity heavyweight coach Gordon Hamilton believed that

per, our offense played very well."

High scorers Chang and Nee waxed philosophical about their team's loss, Chang intoning that the Engineers "tried [their] best, but it takes ten men to make a team." Nee expressed his hopes that all ten would show up for tomorrow's away game against Roger Williams College. MIT closes out the 1989 season with a Pilgrim League game at Nichols College at 3:30 next Tuesday.

the varsity and JV eights had rowed good races despite the losses. Syracuse simply was bigger and made very effective use of their weights during the middle 1000 meters. Chuck Sindelar '91 voiced similar opinions, believing that their strength and techniques have improved as the team gains more experience.

Syracuse's freshmen heavyweight teams also swept the races against their MIT opponents. Syracuse's first freshmen eight finished in 6:08.2, while MIT finished in 6:13.5. Syracuse's second freshmen eight finished in 6:27.8, beating the Engineer's 6:39.2.

The heavyweight crew will be racing against the University of Wisconsin and Dartmouth College this weekend.

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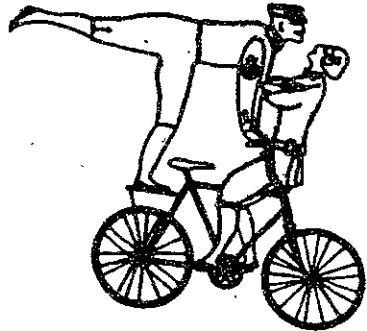
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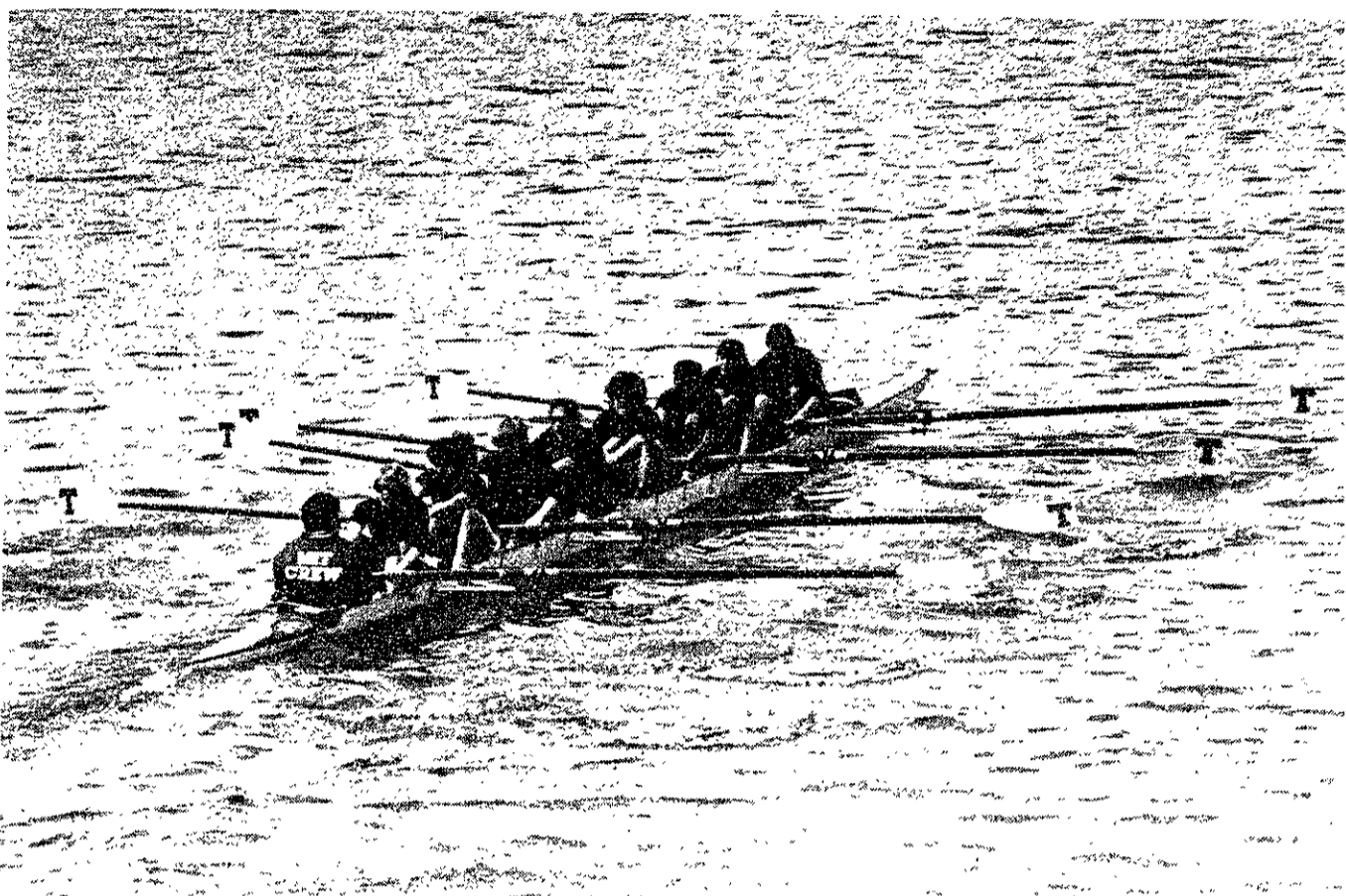
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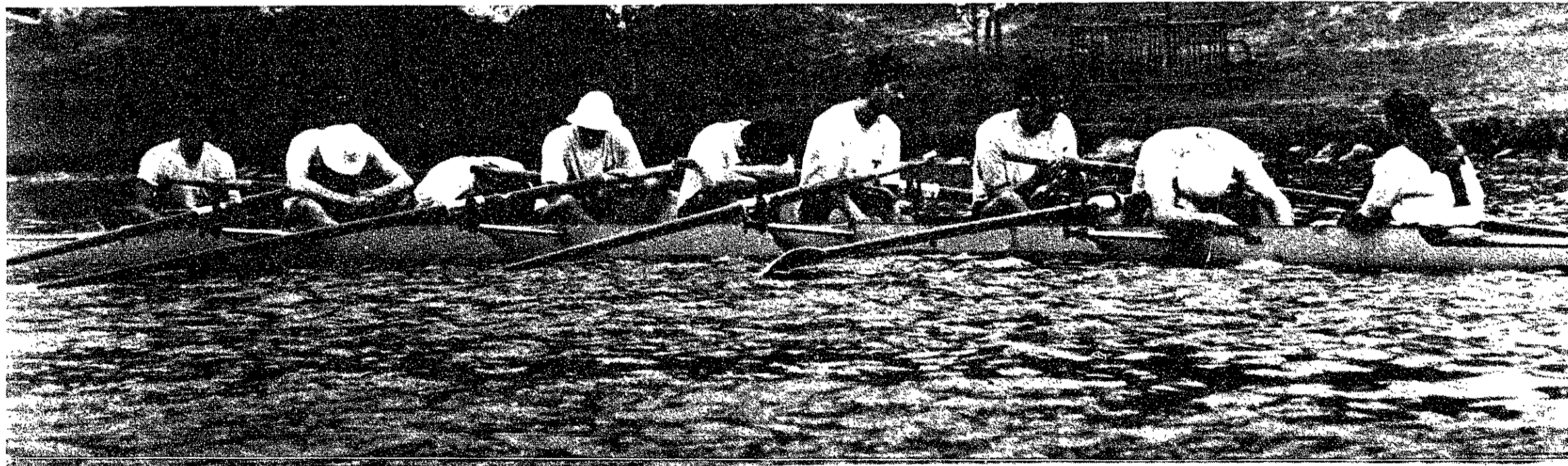
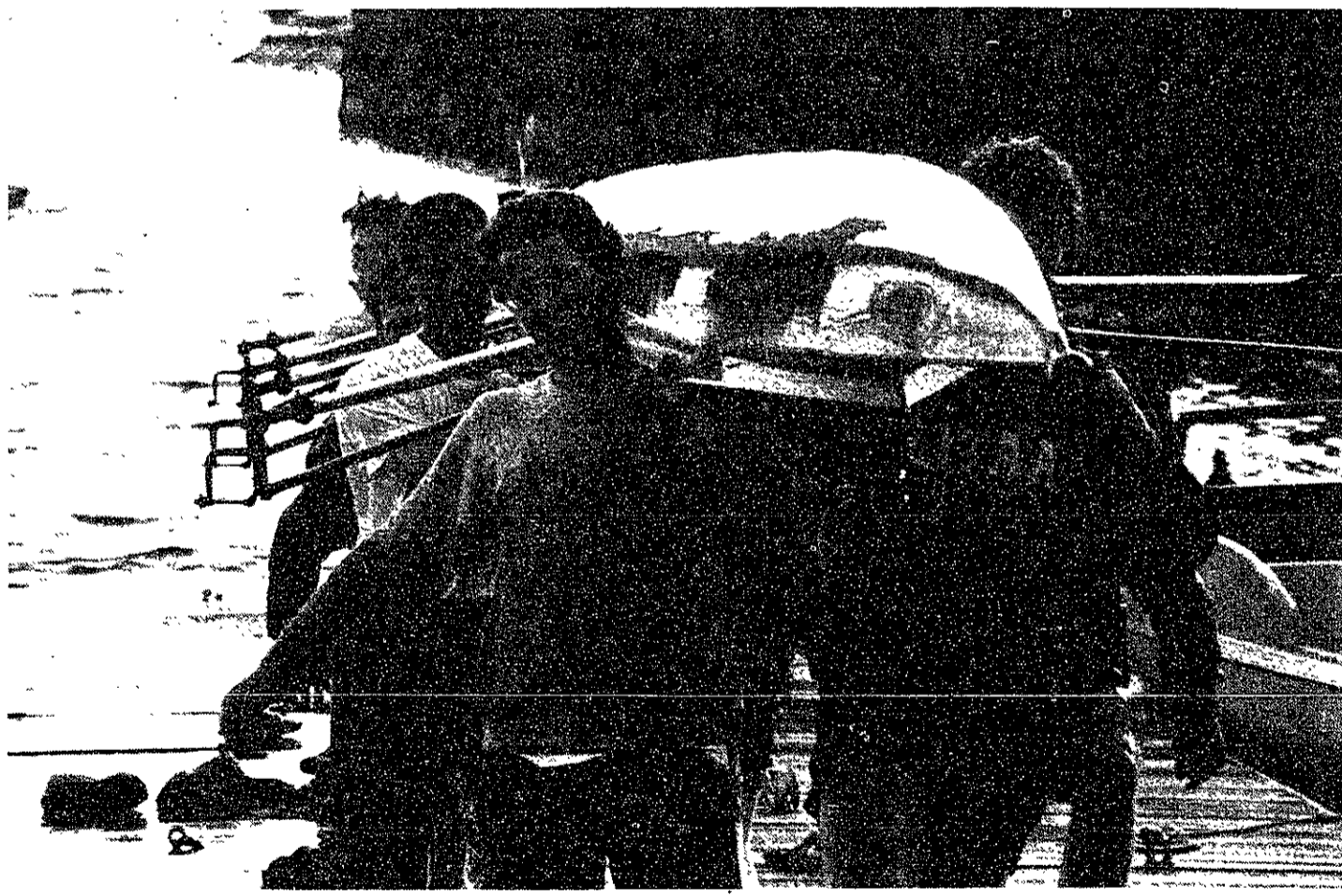
There's no obligation for attending our orientation seminar: Week of May 8th or week of May 22nd at a hotel near campus. Make an embarrassing amount of cash this summer. Call us for reservations or information:

(508) 485-6950



Crew

Photos by Anh Thu Vo



sports

New England Div. III Championships First day decathlon competition results At Williams College

Overall - 1, Bill Singhose, MIT, 3489†; 2, Jeff Farley, Coast Guard, 3235; 3, Garrett Moose, MIT, 3208; 8, John Tewksbury, MIT, 2790‡.

Individual results:

Singhose - 100m, 11.45; long jump, 21'-5"; shot put, 37'-7½"; high jump, 5'-11¼"; 400m 50.13.
Moose - 100m, 11.79; long jump, 20'-7¾"; shot put, 33'-7¾"; high jump, 5'-11¼"; 400m 51.90.
Tewksbury - 100m, 11.92; long jump, 19'-9"; shot put, 28'-3¾"; high jump, 5'-7¾"; 400m 55.6 (hand timed).

† Singhose needs 6300 points total to qualify for the national championship meet.

‡ Tewksbury is on pace to set the meet record for freshmen.

Today's events are the 110m high hurdles, the discus, the pole vault, the javelin, and the 1500m.

Men's crew has bad outing

By Anh Thu Vo

The men's lightweight crew took on Rutgers University last Saturday with a newly established lineup in the varsity eight boat. The improvement due to the settled seating was clear early, as the varsity took the lead after a cleanly executed start. But a wake bouncing off the Cambridge wall of the Charles River upset their balance, and the Scarlet Knights capitalized, eventually winning the race by 4.6 seconds.

The varsity's lead extended to over half a boat length until the 1100-meter mark, when they were hit by the errant wave. The Rutgers eight took advantage of their position on the outer lane and pulled even. By the 1500-meter mark, the Engineers were roughly half a boat length down. And despite the strong sprint during the last 300 meters, MIT was caught short, as Rutgers finished in 6:51.5 to MIT's 6:55.1.

The lightweight junior varsity eight had lacked a consistent in-

tensity in their recent races until Saturday, where the tide seemed to turn. Firing off the starting line, the JV eight took the lead and lengthened it to a three-seat advantage by the 500-meter mark. However, they did not match the strength or cleanliness of techniques displayed by Rutgers. Rutgers surged back to take an eight-seat lead by the 1000-meter mark and again near the 1500-meter mark. Rutgers won the race in 7:15 while MIT finished with approximately 7:30.

Despite the recent losses of the varsity eight, team captain Jim Broderick '89 remains optimistic, voicing high hopes for the men's Eastern Sprints Regatta later this month.

The lightweight teams will finish their season in two weeks at the men's Eastern Sprints Regatta in Worcester on May 14.

Syracuse sinks heavyweight crew

The men's heavyweight teams also lost to Syracuse University

on the Charles River last Sunday. It has been a frustrating season for the team, whose record now stands at 0-7. Not only are they a relatively light crew, averaging only 185 pounds, but they are also a young team, with three sophomores in the varsity eight.

The inexperience and light weight average showed up again against the Syracuse crews. The two varsity eights were even for the first 500 meters after a good start made by the Engineers. However, when nearing the 700-meter mark, Syracuse pulled a "power 20" and gained nearly six seats. A power 20 is a series of 20 strokes taken during a race to move against an opponent or to take command of the lead. Most crews made their power 20s between the 1000- and 1500-meter marks.

Syracuse then made another power move near the 1000-meter mark and gained another three or four seats. Syracuse finished in 5:44.9, MIT in 5:54.9.

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Women's lacrosse ends year with loss

By Leslie Barnett

The women's lacrosse team finished their season Monday with a 6-5 overtime loss to Elms College. The close score reflected well on the MIT squad, since the Blazers had beaten MIT 14-7 only two weeks before. The loss left the Beavers with a 1-9 record for the season.

Freshman Diana Velez, a newcomer to the sport, scored the game's first two goals. Velez was

this season's second highest scorer for the Beavers.

The MIT defense, led by the 18 saves of goalie Jo Kussmaul '92 and fine play of point Kimberly Williams '92, held Elms' top scorer to only one goal. Within the first five minutes of the game, Kussmaul was able to decode Elms' offensive plays, which gave MIT's defense a great advantage.

Shortly afterwards, MIT's

third man Sarah Wiesbrock '92 picked up on Elms' signal for setting picks. An Elms player would call out to her teammate, but unfortunately for Elms, MIT players were there for them more than their own, and MIT kept the score at 4-3 Elms until the end of the first half.

Through the second half, MIT battled back and made some great midfield connections with the help of Julie Chen G and Michelle Leong '91. Elms tried to counter MIT's efforts by using their point's speed to run the ball out of their defensive end, but this strategy was not very successful since she never took a shot on goal.

Elms was only able to penetrate MIT's defense once more, and the second half ended in a 5-5 tie. The final three MIT goals were scored by MIT's center Joanne Hetzler G.

Then the game moved into a six minute overtime. Both teams' exhaustion was plain to see, but it was Elms who scored once more to end the game 6-5.

The Elms coach, who had been sure of an easy victory, was clearly discouraged. Her team hadn't been able to let up for one minute.

MIT in building year

MIT had a tough season of games against Boston University, Babson College, Smith College, Colby-Sawyer College, Pine Manor College, and Worcester Polytechnic Institute this year, but a win over Harvard University's junior varsity last week showed that everything the women had been working for was finally coming together.

"I really think we came a long way this season," said Coach Pati-

Amherst gets past stickmen

By Adam Braff

The men's lacrosse team came out the loser in two high scoring affairs held this week, bringing its record to a disappointing 3-7. Saturday's contest, played on the grass against a talented Bates College squad, ended in a 15-9 rout by the visiting Bobcats. Tuesday's rain-soaked affair at the omniturf ended in an 18-16 defeat at the hands of the Amherst Lord Jeffs.

"We didn't come ready to play," said Engineer Coach Walter Alessi after the Bates match, "and the Bobcats were fired up after their big loss [in the previous Bates game]." MIT's lack of

mental preparation quickly became apparent when the visitors jumped out to a 4-0 lead behind two goals each by senior attackmen Andrew Sheppard and E. T. Stephens. A brief MIT comeback was initiated when John Buck '89 scored with 9:10 remaining in the first period.

Bates stopped MIT's short scoring streak with a 30-foot goal by midfielder Eugene Druding, a one-handed overhead dunk, a 10-foot shot by midfielder Chris Cordella, and an off-stick-side bouncer by Stephens which just got by goalie Ken Nimitz '91. Despite Bates' obvious domination in the first quarter, MIT captain Pat Nee '89 closed out the scoring with a screened 20-foot blast off the feed from middle David Chang '89 to make the score 8-2 after the first.

In the second quarter Bates once again took charge, scoring four goals to MIT's one. The lone Engineer goal came on a left-handed shot after Chang triple-pumped and sent the ball screaming past Dana Davis, the Bobcats' goalie. Bates took a 12-3 lead into the locker room.

Each team scored once in the third quarter as the crowd of 60 looked on and cheered, largely for the visitors. Phil Kim '89 took the ball in from midfield on a breakaway and shot the ball hard and high past Davis at the five-minute mark. MIT appeared to be controlling the ball much better than in the first half, dropping fewer passes and playing strong defense.

Down by nine goals with 15 minutes to play, MIT was cautiously pessimistic going into the final quarter of play. Middle Matt Lee '91 hit from 20 feet out in the first minute, after which Bates's Sheppard whistled an empty-net goal down low with

Nimitz caught temporarily out of position on the clear. Nee tallied again for the Engineers, and Lee fired in two more goals in two minutes to reduce MIT's deficit to six.

A slash called on Bates's Stephens set up one more Engineer goal, with goalie Davis ducking under Lee's 15-foot blast to make the score 14-9, Bates. With one minute remaining, Cordella put the game away for Bates with a low 5-foot bouncer, making the

Lacrosse vs. Amherst Tuesday at MIT

Amherst (7-3) 7 0 7 3 - 18
MIT (3-7) 5 4 4 4 - 16

Goals: Amherst, Kevin Minicus 6, Omar Brown 5, Robert Kwack 3, Dave Nastro 2, Ed Jarrosz 1, Matt Axelrod 1. MIT, Pat Nee 6, Dave Chang 3, Paul Dans 2, John Buck 1, Jeff Feldgoise 1, Phil Kim 1, Matt Lee 1, Will Regan 1.

Assists: Amherst, Brown 2, Kwack 2, Minicus 2, Eric Strid 1. MIT, Kim 2, Nee 2, Chang 1, Brian Luschwitz 1, Ken Shey 1.

Saves: Amherst, Chris Dietrich 10. MIT, Ken Nimitz 7.

final score 15-9 in Bates's favor.

Coach Alessi observed afterwards that his team had "dug too big a hole in the first half," and that Bates had brought "more good players than MIT." The one high note in Saturday's game was that MIT outscored the Bates squad in the second half, Alessi said.

Tuesday's game against the Amherst Lord Jeffs was, perhaps, closer than it should have been, with Amherst playing second-string goalie Jack Shoe instead of their usual starter, saving him for the next day's sectional tournament. The wet turf provided for unusually high scoring, with both team's goalies having trouble stopping the low under-hand shot.

The first six minutes marked five goals for each team, a 100-goal pace for both sides. MIT's first two goals came on a 25-footer by Chang and a fast-break goal by attackman Paul Dans '91. Captain Nee followed this with a rapid-fire hat trick, scoring three goals within two minutes from exactly the same location: directly in front of Shoe's right-hand pipe. Nee commented after the game that, although MIT tried its best, he "can't expect miracles." He finished the game with an astounding six goals.

Amherst attackmen Barry Hough and George Vasilakos scored once each later in the first, making it 7-5 in the Lord Jeffs' favor at the start of the

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Michael Franklin/The Tech

The MIT women's lacrosse team finished a difficult season Monday with an overall record of 1-9.

Upcoming Home Events

Friday, May 5

4:00 Softball v. Elms

Saturday, May 7

TBA Men's Heavyweight Crew Cochrane Cup v. Wisconsin and Dartmouth
12:00 Sailing Invitational

Monday, May 8

4:00 Baseball v. Salve Regina