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Newspaper

The Tech

Established 1881

The Weather
Today: Partly sunny, 58°F (14°C)
Tonight: Clouding up, 48°F (9°C)
Tomorrow: Wet, windy, 54°F (12°C)
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Volume 116, Number 51

Cambridge, Massachusetts 02139

Friday, October 18, 1996

Student Attacked Outside Random

By Douglas E. Heimbarger
STAFF REPORTER

Jonathan R. Blandford '98 was beaten last Saturday night on Massachusetts Avenue in front of Random Hall by a group of men.

According to witnesses and police reports, Blandford, a resident of Random, was crossing Massachusetts Avenue from the MIT Museum on his rollerblades at about midnight Saturday night when he was accosted by several men exiting the Cambridgeport Saloon, which is located next to Random Hall.

The men made disparaging comments to Blandford, said Random Hall President Rosanna W. S. Yuen '97, a witness to the event.

As the men passed Blandford, one of them knocked him off balance. Three of the individuals then

began beating him in the back and face.

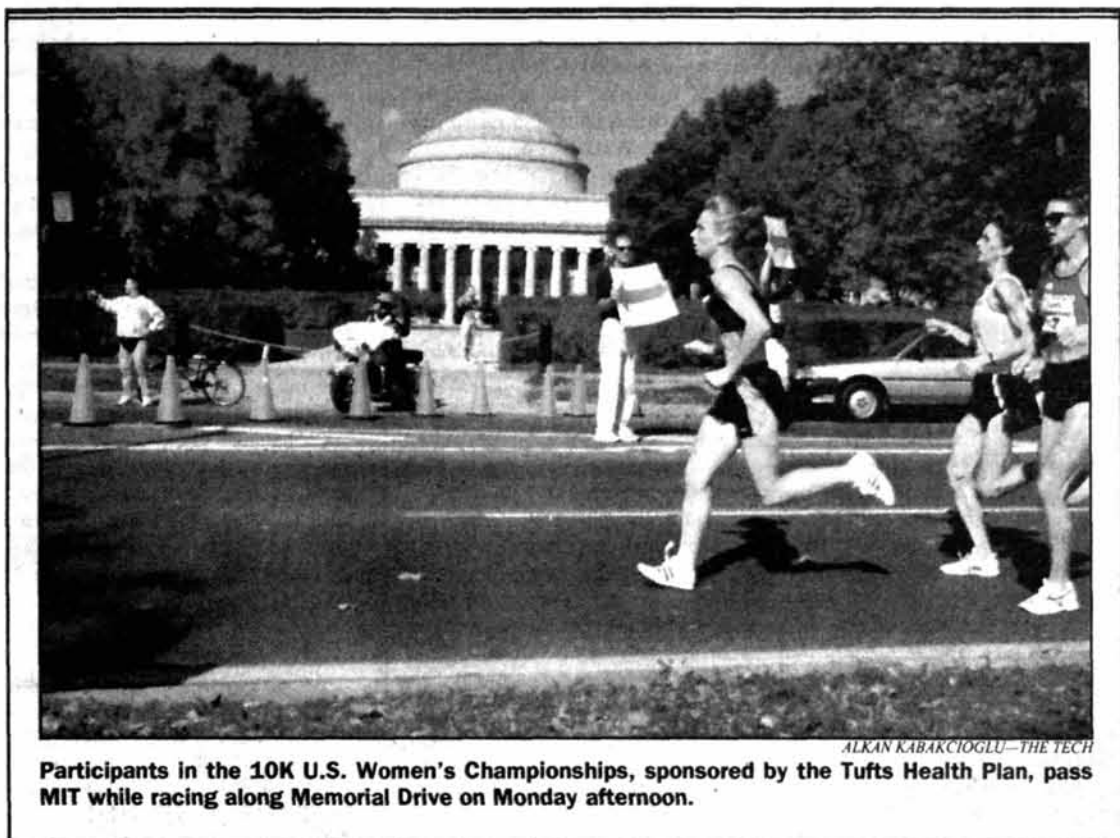
"I ran in and told [the desk worker] to call the Campus Police," Yuen said. She then returned back outside, where she attempted to intervene to stop the beating. The men "yelled, grabbed me, and pushed me out of the way," she said.

At that point, several residents of Random came out of the dormitory. The men saw the group and "strolled off," Yuen said.

Blandford was taken to Cambridge City Hospital, where he was treated for wounds to his face and back and released after precautionary X-rays were taken.

The three men were described as white males with short cropped blonde hair, approximately 24 years

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Participants in the 10K U.S. Women's Championships, sponsored by the Tufts Health Plan, pass MIT while racing along Memorial Drive on Monday afternoon.

Writing Sections Added After Demand for Phase I Classes

By Shang-Lin Chuang
NEWS EDITOR

As a result of oversubscribed Phase I writing requirement classes, one new writing section has been added this semester, and two more will be added next semester.

Expository Writing (21W.730), Writing and Experience (21W.731), and Introduction to Technical Communication (21W.732) are three classes offered both semesters that can be used to complete Phase I of the Institute's writing requirement. Ten sections were originally offered, allowing 200 students to take the classes, but 269 students registered for them, said Coordinator of the Writing Requirement Leslie C. Perelman.

As a result, an additional section

was added to accommodate 25 more students, Perelman said.

Those students who were lotteried out will be given priority next semester, so no one will be lotteried out twice, said Alan P. Lightman, head of the Program in Writing and Humanistic Studies.

Of the students registered, there are 63 freshmen, 114 sophomores, 51 juniors, and 31 seniors, Perelman said. "It is interesting because many of these students have already passed Phase I, especially those who are juniors and seniors."

Pre-meds cause crowding

The new surge in the number of students wanting to take Phase I writing classes is caused by medical school writing requirements and the

new Freshmen Evaluation Essay standard, Perelman said.

"Starting a few years ago, more and more MIT students have been applying to medical schools," Lightman said. "And since medical schools usually require a course in expository writing, the demand for these classes has gone up."

There are other writing classes offered that satisfy most medical schools' requirements, but students generally choose to take the Phase I writing classes instead, Lightman said.

"Twenty to 25 percent of MIT students have expressed some interest in medicine," Perelman said. "This interest has put a tremendous

Writing, Page 21

Faculty Hears New Plan On Writing Requirement

By Noémi Giszpenc
STAFF REPORTER

The faculty discussed issues ranging from the writing requirement to a new Master of Science program during the monthly faculty meeting on Wednesday.

Professor of Earth, Atmospheric, and Planetary Sciences Kip V. Hodges PhD '82 updated the faculty on the findings on the Institute Writing Requirement. Hodges is the chair of the Committee on the Writing Requirement.

A subcommittee reached three main conclusions: that students consider the writing requirement a minimum proficiency test; that both writing and speaking skills are very important in future careers; and that more classes are needed throughout the undergraduate curriculum and not just for fulfilling Phase I and Phase II of the writing requirement.

The committee tried to frame a proposal keeping in mind that neither faculty nor students want an increased workload, but Hodges admitted that it would be "very difficult to have no negative impact."

The committee has already formulated a proposal to require undergraduates to take a writing class during each of their four years at MIT.

The bottom line is that students have to write more — with feedback, Hodges said. Still, he emphasized that the committee is proposing not so much adding courses as changing the content of courses that students are taking, making them more "communication intensive."

Also, several findings from an alumni survey pointed out that alumni consider writing and speaking skills very important but that MIT hardly contributes to their development, Hodges said. Though many students object to writing courses early on, by the time they are seniors, they recognize the need for improved skills, Hodges said.

The committee's goal is to bring a joint proposal with the Committee on the Undergraduate Program and to present it to the faculty during the spring of 1997. In the meantime, the

Faculty, Page 23



Pete Spaulding from Boston College races in the New England Singlehanded Championships in sailing held this weekend at MIT.

Dean's Office Student Meetings

The Dean's Office is hosting a number of open forums throughout the year for conversation with students on a variety of topics. The forums, which come in response to concerns about consultation with students on important decisions, will take place at the Religious Activities Center except as noted. The dates and times for the talks during the fall term are as follows:

Tuesday, 8 p.m.
Nov. 5, 6 p.m.
Dec. 12, 8 p.m. (26-110).

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WORLD & NATION

Husband of Daughter of Manager Of Angels Goes on Killing Spree

LOS ANGELES TIMES

SACRAMENTO, CALIF.

A bakery worker on disability leave shot and killed his two young sons early Thursday and then killed himself as his wife, the daughter of California Angels interim manager John McNamara, looked on.

Police said the dead man, Monroe Watkins, went on his killing spree after his wife told him she planned to seek a divorce.

The woman, Margaret McNamara Watkins, 40, suffered lacerations and bruises to the face and neck after scuffling with her husband as she tried to dial 911. Her children were identified as Torrance and Tyler Watkins, ages 6 and 4.

"She confronted him, saying she wanted a divorce, and then he said he was going to kill the children," said Sacramento homicide Sgt. John Parker. "That's exactly what he proceeded to do."

Margaret Watkins managed to call 911, but her husband hung up the phone. A 911 dispatcher immediately called back and heard the sound of screaming and shots after Margaret Watkins picked up the phone.

The children were each shot once in the head with a .45-caliber handgun and appeared to die instantly. Both bodies were found on the floor of the master bedroom. Monroe Watkins used the third of four bullets in the gun to kill himself.

French Public Sector Employees Protest Government Policies

THE WASHINGTON POST

PARIS

In a brief echo of massive work stoppages that brought the French economy to a standstill for three weeks late last year, France endured a public-sector strike Thursday, directed against the austerity policies of the embattled government.

Tens of thousands of jeering, whistling workers converged on the Place de la Republique here to protest the government's efforts to freeze the salaries of government employees and to retire 6,000 of them. Marches and walkouts were reported in all of France's major cities.

Public-sector employees represent a fifth of the French work force. The strikers left behind transit lines and rail and air services, telephone systems, postal routes, clinics and classrooms, many of whose operations were idled or curtailed during the daylong action. According to scattered reports, only one commercial air flight in 10 was operating normally, one train in five, and one doctor in three.

But having had a chance to anticipate the long-scheduled day of protest, and to remember last year's weeks of chaos, Paris rolled with the punch.

Many commuters stayed close to home rather than brave the traffic and delays, leaving some subway cars nearly empty and some sidewalks nearly deserted. The evening rush hour, a snarling marathon on a normal day, was abnormally swift on this one.

Study Shows How Smoke Chemical Sets Stage for Lung Cancer

LOS ANGELES TIMES

Though a mountain of research has established that cigarettes can cause lung cancer, a study released Thursday shows for the first time exactly how a chemical in smoke sets the stage for the disease by damaging a key human gene.

Scientists said the study done at the City of Hope Medical Center in Duarte, Calif., and the M.D. Anderson Cancer Center in Texas offers a new kind of evidence that smoking triggers molecular events leading to lung cancer, the country's top malignancy. Lung cancer is expected to kill some 158,700 Americans this year.

"This is a very important finding," said Dr. Curtis Harris, chief a National Cancer Institute laboratory studying cancer-causing substances. "It adds weight and specificity to the evidence that carcinogens found in cigarette smoke are the major causes of lung cancer."

City of Hope molecular biologist Gerd Pfeifer speculated that the technique might someday be applied to a blood test that screens for exposure to cigarette smoke, either firsthand or secondhand.

WEATHER A Stormy Scenario

By Marek Zebrowski
STAFF METEOROLOGIST

A large area of high pressure provided us with a great stretch of ideal fall weather, but as the weekend approaches, this system will, unfortunately, move away. In its place a cloudy, wet, and chilly spell is forecast to take up residence overhead.

A cold front with abundant moisture will approach the Appalachians by Friday evening while the main low over the Great Lakes begins to weaken. A secondary storm system is likely to develop along the mid-Atlantic coast early on Saturday and race toward New England, bringing along strong onshore winds and significant rainfall. After this surface system moves into the Maritimes by late Sunday, our skies will remain cloudy. Some very cold and unstable air aloft, associated with an upper-level cyclone, will slowly drift overhead, prolonging rather miserable conditions into early next week.

Today: Partly sunny and cooler, with slowly thickening overcast. High of 58°F (14°C) with light onshore breezes.

Tonight: Becoming partly to mostly cloudy, with some sprinkles and light rain developing well to the South and West. Low readings near 48°F (9°C) with a stiffening easterly flow.

Saturday: Mostly cloudy with rain developing. Wet and windy afternoon and evening with a high of 54°F (12°C).

Sunday outlook: Continued mostly cloudy and unsettled, with a chance of showers. Highs 54-59°F (12-15°C), lows in low to mid 40s (6-8°C).

Dole Opens up Broad Attack On Clinton's Ethics in Debate

By John M. Broder
and Maria L. LaGanga
LOS ANGELES TIMES

SAN DIEGO

Republican Bob Dole, trailing badly with time running short, opened the final debate of the 1996 presidential campaign with a broad attack on President Clinton's ethics and integrity, but seemed to hesitate in pressing the attack as the 90-minute encounter continued.

Getting scarcely a rise out of Clinton, the Republican challenger said the actions of the president and many of his subordinates had deepened public cynicism and debased the office of the president.

"There's no doubt about it that many American people have lost their faith in government," Dole said in response to a schoolteacher's question about the values public figures impart to the nation's children.

"They see scandals almost on a daily basis, they see ethical problems in the White House today," said Dole, citing more than two dozen administration officials investigated or indicted and the case of 900 FBI files of former government officials improperly obtained by a White House aide.

Dole suggested repeatedly that Clinton had abandoned promises or adopted stands merely as election-year ploys to win votes.

"When I'm president," he insisted, "I will keep my word. My word is my bond."

It was a carefully prepared set of attacks that Dole has been rehearsing all week, and it drew an equally well-rehearsed response. Clinton barely deigned to respond to Dole's attacks, instead reminding the audi-

ence at the University of San Diego's Shiley Theater of Republican efforts to cut popular government programs and of the economic progress made during his tenure.

In among those recitations, however, he twice responded with a line that expressed more sorrow than anger at Dole's charges.

"I don't want to respond in kind to all these things," Clinton said halfway through the debate, sounding almost indulgent of his older opponent. "I could. I could answer a lot of these things tit for tat. But I hope we can talk about what we're going to do in the future. No attack ever created a job or educated a child or helped a family make ends meet. No insult ever cleaned up a toxic waste dump or helped an elderly person."

"Now for four years, that's what I've worked on. If you'll give me four years more, I'll work on it some more."

But as the debate went on, Dole's fire grew less sustained — deterred, perhaps, by Clinton's unwillingness to engage in an exchange on ethics and morality as well as the tone, substance and town-hall format of the questioning.

Eleven times Dole referred to "his word" being more trustworthy than the president's, but at times, his ripostes seemed almost cryptic.

In response to a question about the millions of Americans alienated by the political process, for example, Dole said he knew of no perfect solution to the problem of low voter participation. Then he added, almost as an aside: "Campaign finance (reform) might help, might help

contributions coming in from Indonesia or other foreign countries, rich people in those countries, and then being sent back after the L.A. Times discovers it — \$250,000."

Dole did not explain his reference, but was apparently referring to a campaign contribution to the Democratic National Committee by Cheong Am Business Group, a South Korean company. The DNC refunded the money when notified that Cheong Am, because it earned no income in the United States, was not qualified to contribute to American political campaigns.

But Clinton did not respond to Dole's assertion and the matter did not come up again.

Early on in the debate, a young female undergraduate at the University of California, San Diego, asked Dole a question that many voters appear to have in their minds — whether, at age 73, he could relate to the concerns of young people. In one of his defter responses, he said he thought his age gave him an advantage.

"You know, wisdom comes from age, experience and intelligence. And if you have some of each — and I have some age, some experience and some intelligence — that adds up to wisdom," he said to gentle laughter from the audience.

Clinton replied that he didn't think his opponent was too old to be president. "It's the age of his ideas that I question," Clinton said.

Dole noted that thousands of high-paying manufacturing jobs had been lost during Clinton's presidency and that California had been particularly hard hit by cutbacks in defense spending.

Yeltsin Fires Ambitious Lebed In Attempt to Settle Conflicts

By Lee Hockstader
THE WASHINGTON POST

MOSCOW

A grim President Boris Yeltsin Thursday fired the most popular politician in Russia, National Security Council chief Alexander Lebed, in an attempt to settle a nasty political brawl that has paralyzed his administration and cast doubt on his personal authority.

Yeltsin, appearing ill and weak a month ahead of scheduled heart bypass surgery, ended Lebed's four stormy months in government with a surprise announcement on the 6 o'clock television news. He denounced Lebed's blatant presidential politicking, his bitter public feuds with cabinet ministers, and his penchant for acting without authorization as "inadmissible and harmful to Russia."

"Of course, one cannot tolerate this situation any longer," he said, taking pen and paper and signing the order to fire Lebed.

In a packed news conference two hours later, Lebed said he was unfazed by his dismissal and planned to return to politics starting as soon as Monday, including a possible presidential election campaign in the event Yeltsin dies. "I am no good as a bureaucrat," he said. "I cannot make a proper bow or act in a servile manner."

Lebed's dismissal is a victory for a loose coalition of entrenched and powerful officials, some of them with presidential ambitions of their own, who resented his sudden rise to prominence and his skill at playing the maverick, courting the media, and wooing the voters. They include Prime Minister Viktor Chernomyrdin and the head of the presidential administration, Anatoly

Chubais, who will now preside as practically unchallenged power brokers in the government, as well as the steely, machine-style mayor of Moscow, Yuri Luzhkov.

The firing is not likely to have broad policy implications for the Russian government, if only because it was Lebed's bald ambition and peerless popularity that caused such a stir — not his views on the issues, which are vague.

The important exception, however, is Chechnya, where he was almost single-handedly responsible for brokering a peace plan with separatist guerrillas this summer in the face of opposition from much of Russia's political establishment. Without the driving force of Lebed's personality and his determination to end the war, prospects for continued peace in the breakaway region are uncertain, and the deal he struck may end up as a political orphan.

In Washington, Clinton administration officials refused to comment on the dismissal of Lebed, saying that it was an "internal Russian matter." State department spokesman Nicholas Burns said that the U.S.-Russia relationship "is a stable one and is moving forward in a routine way."

Republican presidential candidate Bob Dole said in a statement that Yeltsin's firing of Lebed "reminds us all that the situation in Russia remains uncertain.... (Yeltsin's action) does raise concern for stability and continued progress toward a peaceful resolution of the conflict in Chechnya" and represents "further proof that our Russia policy must be based on American interests and respond to the reality of events in Russia, rather than on

wishful thinking and personality preferences."

For months Yeltsin had balked at firing Lebed despite his increasingly bitter rivalries. The former army general's popularity with Russian voters continued to soar after his strong showing in June's presidential elections, and Yeltsin seemed loath to make a martyr of Lebed by firing him. After all, Yeltsin himself became a popular hero after he was ganged up on and fired by the ruling Soviet Politburo in the waning days of communist power.

But as Lebed's bitter and highly personal disputes with senior officials simmered and boiled over, the Russian leader was left with little choice.

For the president, the latest and most sensational bit of intrigue also seemed to be the final straw: the allegation Wednesday by Russia's top cop, Internal Affairs Minister Gen. Anatoly Kulikov, that Lebed was plotting to seize power in a coup carried out by a 50,000-man "Russian Legion" with the help of 1,500 Chechen guerrillas.

Kulikov is among Lebed's most hated rivals, and there is hardly a speck of hard evidence to support the charge, which Lebed denied. But the open melee — complete with beefed-up security at key installations around Moscow and jitters on financial markets in Russia and abroad — was an embarrassment to Yeltsin, reinforcing the image of an ailing leader unable to keep his lieutenants in line.

The Russian leader, speaking from a health spa outside Moscow where he is resting before surgery, also hinted at his resentment at Lebed's open jockeying for the presidency.

Democrats Under Fire Again For Illegal Foreign Donations

By R.H. Melton and Ruth Marcus
THE WASHINGTON POST

WASHINGTON

Republicans Thursday escalated their rhetoric over what they called illegal foreign contributions to the Democratic National Committee, while the DNC said it would investigate new allegations that at least one contributor at a Buddhist temple fund-raiser was given \$5,000 cash in small bills and asked to write a check to the party.

"What we're seeing here is the opening phase of what will turn into being the largest scandal in American history... because it involves foreigners being directly involved in the American political system, the American government, the American criminal justice system," said House Speaker Newt Gingrich (R-Ga).

GOP presidential nominee Bob Dole accused the Democrats of laundering money from illegal overseas sources. "They've got their own laundromat, pumping out

money," Dole said. "Now they are out raising money at Buddhist temples where they take a vow of poverty," he said.

The White House said Thursday it had no comment on the growing controversy over contributions raised by John Huang, a former official with the Lippo Group, an Indonesian financial conglomerate, who is now a prodigious fund-raiser for the DNC. The DNC returned a \$250,000 contribution that Huang helped bring in from the U.S. subsidiary of a Korean company, Cheong Am, after determining that the money did not stem from the company's U.S. operations, as required by law.

Contributions from a Huang-organized fund-raiser in April at the Hsi Lai Buddhist Temple are also increasingly in question. The head of the temple said in an interview Wednesday that monks and nuns at the temple, some of whom are listed as donors of between \$2,000 and \$5,000, do not have money to give. *The Wall Street Journal* reported

that Man Ya Shih, who is affiliated with a temple branch in Richardson, Texas, said she donated \$5,000 after an unnamed woman gave her that amount in small bills at the April fund-raiser and asked her to write a check to the DNC.

Making a contribution in the name of another violates federal election law. Employees at Shih's temple branch Thursday said she had gone on a retreat and was not available for comment.

"We're looking into it," said DNC press secretary Amy Weiss Tobe. "We obviously had no prior knowledge and are disturbed by this report."

At least seven people who gave addresses at or near the Hsi Lai temple were listed in Federal Election Commission reports as contributing more than \$40,000 to the DNC in connection with both the April fund-raiser and a February dinner in Washington.

Tobe said that "at this moment, we're looking at that one contribution" from Shih.

Administration to Sell F-16 Fighters to Indonesia

LOS ANGELES TIMES

WASHINGTON

The Clinton administration reaffirmed Thursday that it plans to go ahead with the sale of nine F-16 jet fighters to Indonesia, despite the country's human rights violations and recent allegations that wealthy Indonesians have sought to buy political influence with the White House.

Senior administration officials said the sale, the outlines of which were agreed to earlier this year, is likely to be completed early in 1997, after the new Congress convenes. The price was not disclosed.

The decision comes over the objections of human rights advocates who say the White House should cancel the sale to protest Indonesia's continued subjugation of East Timor, where Indonesian troops reportedly have committed massacres.

House Speaker Newt Gingrich, R-Ga., said Thursday that the deal should be suspended pending an investigation of donations by members of a rich Indonesian banking family to Democratic campaign coffers. Gingrich said Congress would hold hearings on the contributions next spring.

Indonesia's human rights violations have been thrust into the spotlight again in recent days following the decision by the Nobel Prize Committee to award the 1996 Nobel Peace Prize to Carlos Filipe Ximenes Belo, East Timor's Catholic bishop, and a journalist there.

NIH to Review Questionable Study On Needle-Exchange Programs

THE WASHINGTON POST

WASHINGTON

The National Institutes of Health Thursday said it will review a federally funded "needle-exchange" study that critics said would put half of the participants at unnecessary medical risk.

The study would divide 600 intravenous drug users in the Anchorage, Alaska, area into two groups — one that could exchange their used needles for free, sterile needles and another that could not. The study is supposed to determine the effectiveness of such needle-exchange programs in combating the spread of infectious diseases like hepatitis and AIDS.

Dennis Fisher of the University of Alaska, who is in charge of the study, said Thursday that the program is ethical and will offer answers to questions that could shape the nation's AIDS policy.

But two consumer health advocates charged that the effectiveness of the such needle-exchange programs already is well established. The study, they said, would therefore unnecessarily expose half the people enrolled in it to a high risk of contracting those diseases, and thus was "dangerous, unethical and exploitative."

The two advocates, both proponents of the controversial needle-exchange programs — University of California, San Francisco, researcher Peter Lurie and Sidney M. Wolfe, executive director of the Public Citizen Health Research Group — sent a letter to NIH Director Harold Varmus protesting the study.

Tests Suggest TWA Crash Resulted From Mechanical Malfunction

THE WASHINGTON POST

WASHINGTON

Extensive metallurgical tests conducted so far on wreckage of Trans World Airlines Flight 800 suggest that the Boeing 747 crashed as a result of a mechanical malfunction and not because of an explosive device, according to senior air safety and law enforcement investigators in the case.

In the 13 weeks since the July 17 crash, detailed analysis of debris from the plane's center fuel tank, which blew up moments before the jet plunged into the Atlantic Ocean off Long Island, shows damage patterns that indicate a slower, less energetic explosion than that produced by a bomb or a missile, the officials said.

With more than 80 percent of the fuel tank and 90 percent of the total plane so far recovered, probes said the way in which much of the metal from the tank is bent, rather than shattered or pulverized, is consistent with "low order" explosion, or one that has less velocity and force than a bomb or missile detonation, known as a "high order" blast. Investigators also said the fractures in some of the debris are typical of a slower speed explosion.

Further, investigators said tests have shown that parts of the center fuel tank were blown in an outward direction, indicating the blast occurred somewhere inside it. At the same time, officials said they have found no signs of any metal being pushed in toward the tank — as would be the case if a bomb had been hidden nearby in the cabin.

Labor Leader Attacks Proposals To Privatize Social Security

THE WASHINGTON POST

WASHINGTON

Proposals to privatize Social Security were attacked Thursday by a senior representative of organized labor who said the recommendations were little more than an attempt by Wall Street to profit at the public's expense.

AFL-CIO Secretary-Treasurer Rich Trumka said at a news conference, "No to privatizing Social Security.... No to Wall Street greed." He accused investment advisory firms and brokerages of pushing the privatization agenda as a way to extract more fees from Americans.

Trumka's verbal assault was directed at recent proposals that would partially or entirely replace Social Security's pay-as-you-go social insurance system with government-sponsored individual retirement accounts investing directly in the stock and bond markets.

Wall Street and other business interests have put their weight behind the movement in Washington to privatize Social Security as a way to head off the financial distress most experts say will hit by the year 2029.

Wall Street representatives argue that a private investing option could dramatically boost Social Security's investment returns and thereby raise additional funds to pay benefits to the baby-boom generation whose retirement threatens to deplete the system's reserves.

Lebanese Leader Refuses Peace Until Israel Progresses with Syria

By Norman Kempster
LOS ANGELES TIMES

WASHINGTON

Prime Minister Rafik Hariri of Lebanon on Thursday ruled out any step by his government to revive stalled Arab-Israeli negotiations, declaring that the Lebanese will never make peace with Israel until the Syrians do.

In Washington for meetings Friday with President Clinton, Hariri made it clear that his government will follow where Syria leads, asserting that the differences between Israel and Syria must be addressed first because they "are much more important and much more strategic" than the issues that separate Lebanon and Israel.

"Neither Syria nor Lebanon will sign a peace treaty with Israel without the other," Hariri said.

Although no one in the Clinton administration expected Lebanon to challenge Syria — its larger and stronger neighbor — on strategy for dealing with Israel, the uncompromising tone of Hariri's remarks came as a surprise.

Some officials in both Israel and the United States had hoped for progress in the less complicated Israel-Lebanon negotiations to provide momentum that might carry

over to discussions between Israel and Syria.

In a speech to the Center for Strategic and International Studies, a Washington think tank, Hariri, a wealthy businessman, also said his government will do nothing to rein in Hezbollah, the fundamentalist Islamic movement blamed for terrorist attacks on Israeli targets, until Israel withdraws from its self-declared "security zone" in southern Lebanon. Israel has said it will not withdraw until it reaches a peace agreement with Lebanon.

"When there is an occupation, the occupation creates resistance," he said in reference to the Hezbollah guerrillas. "You cannot ask any government to disarm this resistance, as (long) as the occupation is there."

Despite Hariri's tacit admission that Syria controls Lebanon's approach to the peace process, Secretary of State Warren Christopher indicated that the administration is ready to approve Lebanon's request for helicopters, armored personnel carriers and other military equipment.

"We are anxious to assist," Christopher said as he welcomed Hariri to meetings at the State Department.

But Christopher rejected the top item on Hariri's list, ruling out an early end to a ban on most travel by Americans to Lebanon. The ban was imposed during the long, bitter Lebanese civil war when Beirut became almost synonymous with terrorism and hostage taking.

"We would like to remove that travel ban just as soon as security conditions permit," Christopher said. "We have the matter under regular periodic review (and) are very hopeful that it can be removed at some time in the future. But it really depends on a very careful appraisal of the security situation because, above all things, we need to be prudent in this matter."

Hariri argued that Lebanon is now safe for travelers. He said 60,000 Americans, taking advantage of a loophole, have visited Lebanon in the last three years. Still, he said, the ban impedes access by U.S. businessmen to the Lebanese market, which appears to be stabilizing.

Referring to U.S. efforts to sell Boeing aircraft to Lebanon's Middle East Airlines, which is prohibited from landing in the United States because of the travel ban, Hariri said: "I'd like to buy Boeing airplanes, but what if one of those planes got homesick?"

GOP Pessimistic on Dole's Chances, Urges Focus on Control of Congress

By Robert Shogan
LOS ANGELES TIMES

WASHINGTON

With President Clinton having escaped relatively unscathed from the final campaign debate, even some Republican strategists conceded Thursday that the White House appears beyond the reach of challenger Bob Dole.

Reflecting this attitude, political operatives in both parties are focusing on the presidential contest mainly to gauge its impact on the struggle for control of Congress.

For their part, Dole's managers rejected such negative judgments, along with post-debate poll results that showed their candidate making no headway, and announced a costly new initiative they claimed is designed to win California and its 54 electoral votes.

The strategy calls for Dole to spend more than \$1 million a week in advertisements in California and for either himself, his wife, Elizabeth, or running mate Jack Kemp to make frequent appearances

in the state between now and Election Day.

But the downside to this decision is that, as the campaign acknowledged, it means stripping away candidate time and funds from three other potentially key swing states — Pennsylvania, New Jersey and Connecticut — where Dole needs every penny and every minute to have a chance of winning. And the decision to pull back in these states follows a move earlier this week to reduce advertising in Ohio.

Even as these strategic shifts were being made, Republicans who had been hoping that Dole, by mounting an assault on Clinton's character during the Wednesday night debate in San Diego, would somehow alter the dynamics of the presidential race admitted their disappointment over his performance.

"He didn't make the case that Clinton isn't fit to be president," William Kristol, one of the architects of the GOP's 1994 midterm election triumph, said in a radio interview in Washington. "I think

most Republicans feel the presidential campaign is basically over, barring an act of God."

Similarly, John Petrocik, a political scientist at the University of California, Los Angeles, and sometime GOP campaign consultant, said of the presidential race: "I see one battleship under full steam and the other with broken screws rolling in the tide. I think the contest is over and has probably been over for a long time."

And Don Sipple, who had the task of shaping Dole's campaign message until last September when he quit in a dispute over policy and power, said he views the presidential campaign as "pretty much over."

Some Republican professionals are hoping that Dole will use his resources and energies in ways that help the GOP maintain control of the Senate and House. Party leaders are particularly concerned about the latter chamber, given recent polls suggesting Democratic prospects for a takeover are improving.

OPINION

Letters To The Editor



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GSC Activities Should Not Be Overlooked

We are writing to express our disappointment in the amount of coverage *The Tech* gives to Graduate Student Council activities and specifically the recent lack of response to a press release about the expansion of the Cambridge East and West Safe Ride routes.

The Graduate Student Council is the student government representing the graduate student population, which comprises half of the students at MIT. Many of our activities benefit students across this campus, both graduates and undergraduates. Some of these include leading the fight against the unfair monopoly and pricing of the campus-wide ACUS long-distance phone rates; planning and implementing six new Safe Ride stops; expanding the twice-weekly grocery shuttle in response to increase in ridership; planning a healthy eating seminar; co-sponsoring a major research ethics talk; and initiating and running the Commencement ticket redistribution program, a lottery which helped distribute extra tickets.

Out of these, only the grocery shuttle has received any recent press. We realize that *The Tech* is not obligated to cover all of our events, but we believe that it is *The Tech's* responsibility to at least be aware of our activities.

Over a period of six months, the GSC proposed the expansion of Safe Ride and worked with the Campus Police and Standard Parking on the addition of six new stops. The changes, effective Oct. 1, were designed to make Safe Ride more convenient for graduate students and other off-campus residents. They also increased the overall travel times of the Cambridge East and Cambridge West circuits.

We were hoping to get all this information out to students in as timely a manner as possible, both to allow students who live near the new stops to take advantage of them and to minimize the inconvenience of the new schedule to previous users of the service.

GSC members put a lot of work into organizing and publicizing public service projects like Safe Ride. These projects are designed to improve the welfare of graduate students, but they often benefit the entire MIT community. We do not expect *The Tech* or any other media to cover all of our events. However, we do feel that it is important to provide timely coverage of issues that benefit all students.

On the other hand, there was an entire article on the front page of Oct. 11 issue reporting on the first meeting of the Undergraduate Association. The article discussed the fact that the UA wants to become more proactive and start projects including improvements to Safe Ride. Certainly these goals are admirable, and hopefully the current leadership of the UA will be able to implement them.

However, the GSC already is a proactive organization and already has done something about Safe Ride. The UA was recognized for proposing to address an issue more than the GSC was for actually doing something about it. This appears to indicate an indifference toward GSC activities on the part of *The Tech*. We are very disappointed we can not count on *The Tech* to provide this kind of coverage, but we hope *The Tech* will be willing to work with us to remedy this situation in the future.

Jennifer A. Sullivan G,
Co-Chair Housing and Community Affairs
Committee, GSC
Eva Moy G,
Secretary, GSC

Forums Will Pave Way For Student Input

Concern about consultation with students prior to important decisions has led Dean for Undergraduate Education Rosalind H. Williams and Dean for Student Life Margaret R. Bates, along with Stephen D. Immerman, the new director of administration and operations in the Dean's Office, to schedule a number of evenings for conversation and consultation over the course of the next several months. We hope that students will join us over pizza for conversation about a variety of matters.

The success of collaboration and conversation depends on trust levels. We have reached a time at MIT when we all need to recognize that we are dealing with matters that can not be dealt with alone. The kind of community we want is a community that works together toward mutually agreed upon goals. We all should have no illusions that we will always agree on everything, but it is important for everyone to know that we are in this together.

On Tuesday night, the conversation will be over pizza. We hope that the MIT community will join us in the Religious Activities Center at 8 p.m. [see box p. 1 for future meeting dates].

Robert M. Randolph
Senior Associate Dean
Undergraduate Education and Student Affairs

Turkish Violence Evinces Attitudes on Life, Law

I would like to draw attention to two very recent incidents between Greece and Turkey. These incidents provide valuable insight in the way each country handles strained Greek-Turkish relationships. Most importantly, they clearly show each country's attitude on human life, military honor, and international law.

The description that follows is based on Reuters' reports:

On Tuesday, Oct. 8, a Turkish F-16 fighter plane crashed in the Aegean Sea after repeated violations of the Greek airspace. More than 50 Turkish provocations had been recorded since the beginning of a joint Greek-Cypriot military exercise on Monday, Oct. 7.

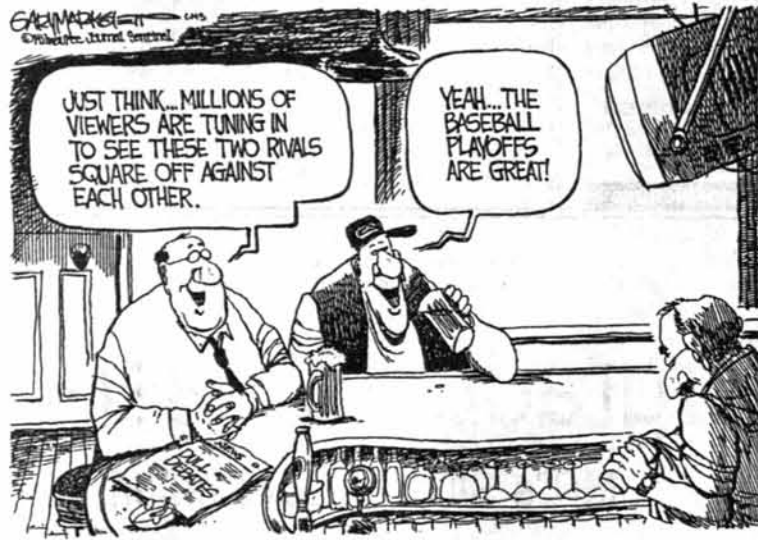
The Turkish F-16 crashed after being intercepted by two Greek Mirage 2000s. The crash has been attributed to mechanical failures very common among Turkish-assembled F-16s. Greek naval forces rescued the pilot and took him to a hospital on the Greek island of Chios. After receiving treatment for body burns, he was returned to Turkey.

On Sunday, Turkish Cypriot soldiers killed a Greek Cypriot civilian near the eastern end of the buffer zone in the divided island of Cyprus. This territory is under the control of British United Nations forces. The civilian, Petros Kakoullis, had apparently lost his orientation while collecting snails and posed absolutely no threat to the soldiers.

According to an eyewitness, at the time of the shooting Kakoullis had his arms raised as a result of a warning by the Turkish soldiers. He was shot twice. When he fell to the ground, the Turkish soldiers approached him and fired a third shot to finish him. The soldiers left Kakoullis on the ground for four hours before carrying his body to their territory.

At the time of this writing, the body had not yet been returned to Kakoullis' family. The Greek Cypriot government spokesman said that the incident qualifies as a cold-blooded murder.

Thucydides Xanthopoulos G



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

Letters to the editor are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format are encouraged, and may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

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

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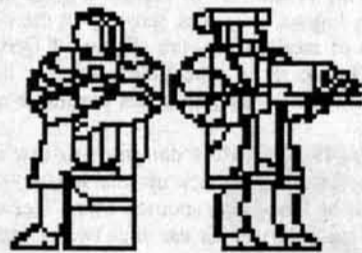
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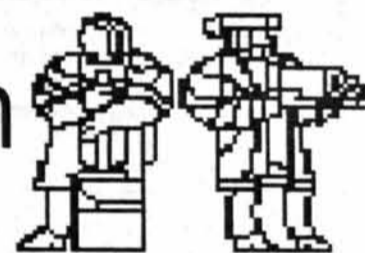
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THE ARTS

INTERVIEW

Macdonald on the gay love story, *Beautiful Thing*

By Stephen Brophy
STAFF REPORTER

Before it started its commercial run, *Beautiful Thing*, a delightfully joyous gay love story from Great Britain, traveled the film festival circuit. When it got to Boston early last month, its first-time director, Hettie Macdonald, came along with it, and talked with local television, radio, and newspaper reporters about her project. By the time she and I got together late on a weekday afternoon, I had already interviewed two other filmmakers, and she had lost count of how many encounters with media people she had had. So we were both a little worn out as we started our conversation, but were soon perked up by our mutual enthusiasm for her movie.

When asked how she first got interested in the story, she reminded me that it had started out as a play, by a 24-year-old gay writer. "The owner of the theatre was our matchmaker, introducing Jonathan [Harvey] and I soon after he had written it." Harvey had written the play because "when he was growing up in Liverpool, he never saw his experience represented anywhere on the telly or in the cinema. The only images of being gay were either Merchant/Ivory school — very posh — or if you did find a working class gay character, they usually got thrown out of their home, went into prostitution, and died or whatever. He wanted to write a working class gay love story with a happy ending."

"He also wanted to address the inequality in Britain on the age of consent. At the time of writing you had to be 21 to have sex if you were gay, but you could do it at 16 if you were straight. They've now narrowed it to 18, which is still ridiculous. So he deliberately made his characters 16, to try to stir things up a little bit."

The two boys, Jamie and Ste, fill the center of the story, but Jamie's mother is easily the most interesting character. "It's an extraordinary part — when you think that Jonathan was just 24 when he wrote such a part for a woman, so complex. I love that mixture of toughness and grittiness, and yet there's huge compassion and warmth as well. And the wit. He's rather like her." Linda Henry played the role on stage, and Macdonald was thrilled that she was available for the film.

With extensive theatrical experience already, Macdonald was asked to bring the story to the stage. After its initial award-winning success, Britain's Channel Four approached Harvey with the idea of making a television movie of *Beautiful Thing*, and it was soon apparent that Macdonald should also direct that. "Adapting the play for the screen was a steep learning curve for me. I had to start thinking in images, telling the story with what you see rather than with what you hear." And she also had more difficult casting decisions to make.

"We looked at 60 or 70 boys before we found two of the right age who could deal with the emotional demands of the story. The two boys [Glen Berry and Scott Neal] and Tamika [Empson, who plays the Mama Cass loving Leah, a friend of Jamie's] were all together in this sort of theater club, this sort of workshop thing — it's quite well known in London, the Anna Scher Theater School. She takes kids from about 11 up to 20 or so. They have one or two sessions a week and they do improvising and communications skills. She's good at training them up and taking it seriously. They all work quite a lot on television."

"It made a big difference that they all had history together — it gave them confidence on the set. And their natural intimacy fed through in subtle ways into their characters, so you can believe that

these kids have lived there for 15 years next door to each other."

After the labor of adaptation, Macdonald entered another unknown world, that of the film director. "I had the most amazing crew, generous and supportive, really into the project, and not at all fazed by having someone directing who had never been on a set before. The totally respected everything I said, even if it was complete nonsense. The taught me how to do it and didn't take over — they let me make my mistakes. It was a fascinating process."

"And filmmaking is one thing, but then you get to editing and dubbing, with all of these seriously talented people who are so good at what they do, all of them pooling their expertise to make this new film. I loved that the palate you have to work with to tell your story in film is much bigger. In the theater, you're more restricted, and that's good, because it means you have to think up tricks and use your imagination. But I enjoyed having more ways I could tell my story. To be able to do close-ups and get inside someone's head, or to look at a whole block of flats — that sort of range is not available in the theater."

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—Hettie Macdonald

Asked about her inspirations and models, Macdonald cites Australian films like *Muriel's Wedding*. "It and other Australian films are great at getting a balance between drama and comedy, the way they use the music and such. Britain tends, when it does its social realism stuff, to get heavy sometimes. For example, Ken Loach, who I think is brilliant, but he does it very seriously, and a lot of his movies are very bleak and depressing, a true picture of what's happening in our country."

"This piece isn't like that. Jonathan is dealing with social reality, but in a very quirky way. There's a lot of joy in his writing. The decor is brightened, but only subtly, because you still have to believe that these are real people and real lives. We needed to hang on to grittiness. It came down to little details like choosing to make the school uniforms red and not grey, choosing to decorate the flat with bright wallpaper rather than shitty stuff. Choosing to film some scenes by the lake, instead of some more sterile part of the environment. All these things together tend to heighten and brighten the realism."

Macdonald is already at work on another project — bringing Patricia Highsmith's only lesbian novel, *The Price of Salt*, to the screen. *Beautiful Thing* opens today at the Kendall Square Cinema.

FILM REVIEW

Ingmar Bergman's personal story about family and lost love

WILD STRAWBERRIES

Written and directed by Ingmar Bergman.
Starring Victor Sjöström, Ingrid Thulin, Bibi Andersson.
LSC Friday Classic.
Tonight in 10-250, 7:30 p.m.

By Stephen Brophy
STAFF REPORTER

An old man, a professor of science, sees a coffin fall into the street before him. It pops open and a hand reaches out, grabbing his arm. He looks inside, and sees his own face. Then he wakes up. Why should he have such an unsettling dream on the morning of a day in which he will receive yet another award for scientific achievement?

That is the question Ingmar Bergman sets before us in *Wild Strawberries*, which will play tonight in 10-250, part of the LSC Classics series.

In Sweden, wild strawberries symbolize spring, the rebirth of life. As Isak Borg, the cranky old fart at the center of this film, is driven to the University at Lund where he will accept his award, he falls into reveries about his early life and memories of sharing these berries with a young woman named Sara. He is traveling with his daughter-in-law (portrayed by Ingrid Thulin with her usual stoicism), who is estranged from a husband who is as cold and unfeeling as his father. Her proximity combined with his memories cause him to ponder how he has come to be so remote from the life around him.

This is the sort of meditation we expect from Ingmar Bergman, musing on the emptiness of modern life, the silence of God. We don't necessarily expect the touches of humor with which he sweetens this particular narrative.

As Borg and his daughter-in-law drive toward Lund they pick up hitchhikers — first a pair of squabbling spouses whom they eventually put out of their car, then two young men and a woman, also named Sara, who reminds Isak of his lost love (both Saras are perkily played by Bibi Andersson). Both sets of characters add a touch of levity to the tale.

Bergman has confessed that this old man — who shares his initials — is a construct for his own feelings of remorse about his own inability to connect warmly with those he loves. The name Isak Borg loosely translates as "Ice Palace." But Bergman also notes that the character was completely taken over by its actor, Victor Sjöström, playing his last major role and offering the finest performance available in any Bergman film.

Sjöström had been a film director in the 1920s and traveled to Hollywood where he made major films like *The Scarlet Letter* and *The Wind*, both starring Lillian Gish. As a collaboration between Sweden's greatest silent and contemporary filmmakers, *Wild Strawberries* remains one of the more intriguing of the essential classics of world cinema.

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ON THE SCREEN

— BY THE TECH ARTS STAFF —

★★★:Excellent
 ★★★:Good
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 ★:Poor

★★★½ **Bound**

Bound tells a familiar film noir story — a drifter comes into contact with a sultry, dissatisfied woman and is lured into a chain of events that escalates into some serious violence. But in this sexy, intelligent, and stylish new thriller, the drifter is a lesbian ex-con who is repainting a vacant apartment next door to a Mafia money launderer and his restless mistress. As played by Gina Gershon and Jennifer Tilly, these two dangerous women bond immediately, and then take on the mob and the boyfriend to snatch \$2 million in a caper that will leave you breathless as it unwinds. The production design emphasizes gunmetal gray and black with high-

lights of white, against which red blood and green money stand out with startling intensity. *Bound* is tightly written, beautifully filmed, and adroitly edited to keep the tension twisting tighter and tighter. Imagine a cross between *The Last Seduction*, *Goodfellas*, and *Go Fish*. — Stephen Brophy. *Sony Nickelodeon*.

★★★ **The Rock**

A well-intentioned general takes over Alcatraz and threatens to fire rockets armed with nerve gas into the heart of San Francisco if the government doesn't agree to pay reparations to the families of dead soldiers. Enter Nicolas Cage, an FBI chemical weapons specialist, and Sean Connery, the only man ever to escape from Alcatraz; their job is to sneak onto "the rock" and disarm the rockets. *The Rock* is basically another take-off of *Die Hard*, but a good one. Cage and Connery are good together, and the movie includes

possibly the best San Francisco car chase scenes ever. —DVR. *Saturday at LSC*.

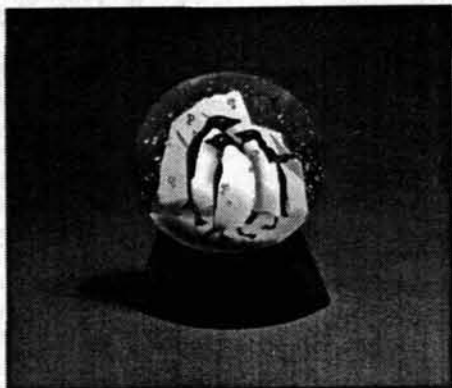
★½ **Infinity**

Infinity is the film adaptation of *Surely You're Joking, Mr. Feynman!* and *What Do You Care What Other People Think?*, two autobiographies by Richard Feynman '39. Matthew Broderick plays the lead role and also directs this story about a little-known aspect of Feynman's life — his marriage to Arline Greenbaum (played by Patricia Arquette) and her death to Hodgkin's Disease. *Infinity* is at its best when it is focused on Feynman's exploits, like when he breaks into the supposedly impenetrable home of the Manhattan Project, but most of the time is spent on Greenbaum's deterioration, making *Infinity* feel more like a made-for-TV movie than a full-fledged screen biopic. —Yaron Koren. *Kendall Square Cinema*.

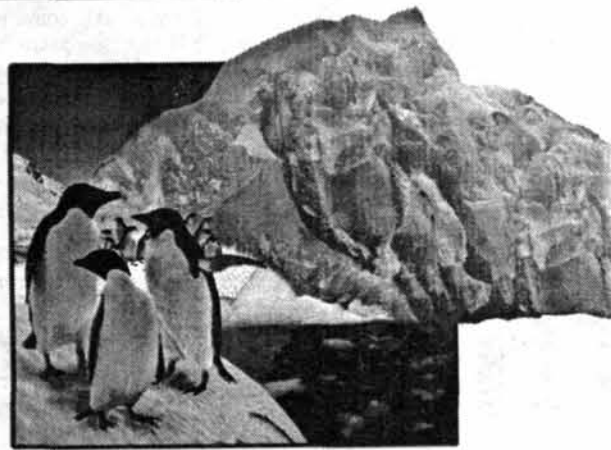


(Left) George Malley (John Travolta) lives an unremarkable life until his 37th birthday brings him superhuman intelligence in *Phenomenon*, showing tonight at LSC. (Right) Ed Harris plays a renegade general who takes over Alcatraz in *The Rock*, playing tomorrow night at LSC.

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Fusion Center's Thome Leads MIT Officials in Total Salary

By May K. Tse
STAFF REPORTER

Richard J. Thome '66 of the Plasma Fusion Center is once again the highest-paid MIT employee in pay, benefits, and expense allowances, as reported on the Internal Revenue Service Form 990 for the 1994-1995 fiscal year.

Thome earned \$446,731, up from \$403,845 last year. As was the case last year, the reason for his unusually high pay was expenses for living abroad in Japan, not an inordinately high salary. Of his total, Thome was paid \$310,635 for extra expenses.

Also repeating last year's rankings, President Charles M. Vest earned the second highest in pay and benefits at \$367,544, up from \$334,892 last year.

"The salaries of MIT's executive officers are determined by a salary subcommittee controlled by the executive committee of the MIT Corporation," said Vice President for Finance and Treasurer Glenn P. Strehle '58.

"The salaries of others are determined by appropriate supervisors and in coordination with salaries of MIT," Strehle said.

In addition, compensation and expenses for living overseas are also

\$565,018.

The highest-paid college president in the country was Franklyn G. Jenifer of Howard University in Washington, D.C., whose severance pay of \$676,980 raised his total compensation to \$800,318.

Johns Hopkins University's William C. Richardson, who received a retirement bonus of \$250,000, also topped Silber at \$631,063, making him the country's second highest-paid college president.

The salary rankings are based on data reported to the IRS, which *The*

Chronicle surveyed from 479 private colleges across the country, excluding those colleges that did not have to file because of religious exemptions granted by the IRS.

Of all the colleges surveyed, nine presidents earned more than \$400,000, and an additional 25 presidents (including Vest), earned more than \$300,000.

The Institute ranked tenth in expenditures among private research universities, with expenditures totaling \$1.183 billion, according to the *Chronicle*.

Top 10 Highest-Paid U.S. College Presidents

Franklyn G. Jenifer	Howard University	\$800,318
William C. Richardson	Johns Hopkins University	\$631,063
John R. Silber	Boston University	\$565,018
Gerhard Casper	Stanford University	\$527,533
D. Walter Cohen	Allegheny University of the Health Sciences	\$483,420
Joe B. Wyatt	Vanderbilt University	\$478,489
Peter Diamandopoulos	Adelphi University	\$417,818
L. Jay Oliva	New York University	\$410,832
Hugo Sonnenschein	University of Chicago	\$404,022
Eamon M. Kelly	Tulane University	\$397,612

Note: These numbers include only salary and benefits, and do not account for extra expense allowances.

Although re-engineering has affected other aspects of MIT, it "has not had a significant impact on salary policy."
—Glenn P. Strehle

added in, as was the case for Thome. Professor of Electrical Engineering and Computer Science Ronald R. Parker '63, who was also overseas in Germany, earned the third highest in pay and benefits at \$334,461, of which \$154,457 was for extra expenses.

The remaining highest-paid MIT employees did not hold any surprises. Walter E. Morrow '49, director of the Lincoln Laboratory, earned \$286,256; Paul E. Gray '54, chairman of the MIT Corporation, earned \$279,766; former Provost Mark S. Wrighton earned \$279,651; Strehle himself earned \$271,468; Dean of the Sloan School of Management Glen L. Urban, made \$251,850; and Professor of Management Thomas L. Magnanti earned \$243,550.

Wrighton is now chancellor of Washington University in St. Louis. Wrighton's predecessor, William H. Danforth, earned \$147,475.

Re-engineering has no impact

Although re-engineering has affected other aspects of MIT, it "has not had a significant impact on salary policy," Strehle said.

Something else not reflected in this year's numbers is the fact that the new retirement plan was not in effect during the fiscal period that ended this year, Strehle said. "But we may see the effects of it in a few years from now," he said.

According to a recent survey published in *The Chronicle for Higher Education*, Vest earned more than most local college presidents. Vest topped Harvard University President Neil Rudenstine (\$278,659), John A. DiBiaggio at Tufts University (\$297,965), John A. Curry at Northeastern University (\$293,272), and David Sargent at Suffolk University (\$289,281).

However, Boston University's John R. Silber, who was last year's highest-paid college president, dropped to third overall but still managed to earn more than Vest at

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Three-Year Streak Ends as MIT Wins No '96 Nobel Prizes

By Brett Altschul
STAFF REPORTER

No scientists at MIT received Nobel Prizes this year, for the first time since 1992. Since 1990, more than a total of five MIT researchers have been awarded Nobel Prizes.

The prizes awarded to MIT faculty over the last three years covered all three of the the Nobel Prize science categories: physics, chemistry, and physiology or medicine. There are currently 10 Nobel laureates on the MIT faculty and one in the medical department.

President Charles M. Vest downplayed the importance of the lack of any MIT Nobel laureates this year. "We should not lose sight of the fact that Nobels are the reward, not the goal," he said. "Our job is to focus on intellectual excellence and innovation."

Vice President and Dean for Research J. David Litster PhD '65 echoed these sentiments. "We're delighted when we win a Nobel Prize, but we don't win one every year," he said.

Litster said that this year's dearth of prizes was nothing out of the ordinary. "If you look back over the years, you'll probably find that we don't win one more often than we do," he said.

"The average number of prizes per year is significantly less than one," Litster said. "The large number we've won recently isn't necessarily representative."

Dean of the School of Science Robert J. Birgeneau also characterized the number of Nobel Prizes in recent years as somewhat above normal. On average, there is about one Nobel Prize every two years, he said. "We can't expect that we'll win one every year."

"It is wonderful to be part of a university where it is news when we do not win a Nobel Prize," Vest said. "We have been very fortunate to have received five prizes during the last six years."

Vest confident of future Nobels

Vest, Litster, and Birgeneau all expressed the belief that there would probably be many more Nobel Prizes awarded to MIT scientists in coming years. "I am confident that the years ahead will bring more," Vest said.

"There are probably several people here now who will win the Nobel Prize in future years," Litster said. "This is one of the best research institutions in the world."

Birgeneau said that there are many current research projects underway at MIT that may be Nobel Prize candidates. "These projects show a great deal of potential to win Nobel Prizes," he said. "If they continue in the direction that they appear to be heading, they'll definitely be of Nobel quality."

Vest emphasized MIT's historically strong showing in the Nobel Prizes, citing the large number of MIT faculty members who have won prizes. "The work for which these recent prizes have been awarded goes as far back as the late forties," he said.

For example, the 1994 Nobel

Prize in physics was awarded to Professor Emeritus Clifford G. Shull for work he did over 40 years ago.

This long time-lag for Nobel Prizes means that there are many MIT professors who have done significant research in the past who are major candidates for future Nobel Prizes, Birgeneau said. "The Nobel Prizes have been awarded for work done two or three or four decades ago," he said.

"I can think of a number of people on the MIT faculty who did really seminal work in the past, creating whole new fields," Birgeneau said. "Many of these people will probably win the prize in the upcoming years, but you can't know whether it'll be 1997 or 1998 or later."

Litster had high praise for this year's Nobel laureates as well. "The people who won the chemistry and physics prizes certainly deserved them," he said. "I'm familiar with their research, and they deserved the prizes. There's a lot of researchers at other institutions who deserve to win Nobel Prizes."

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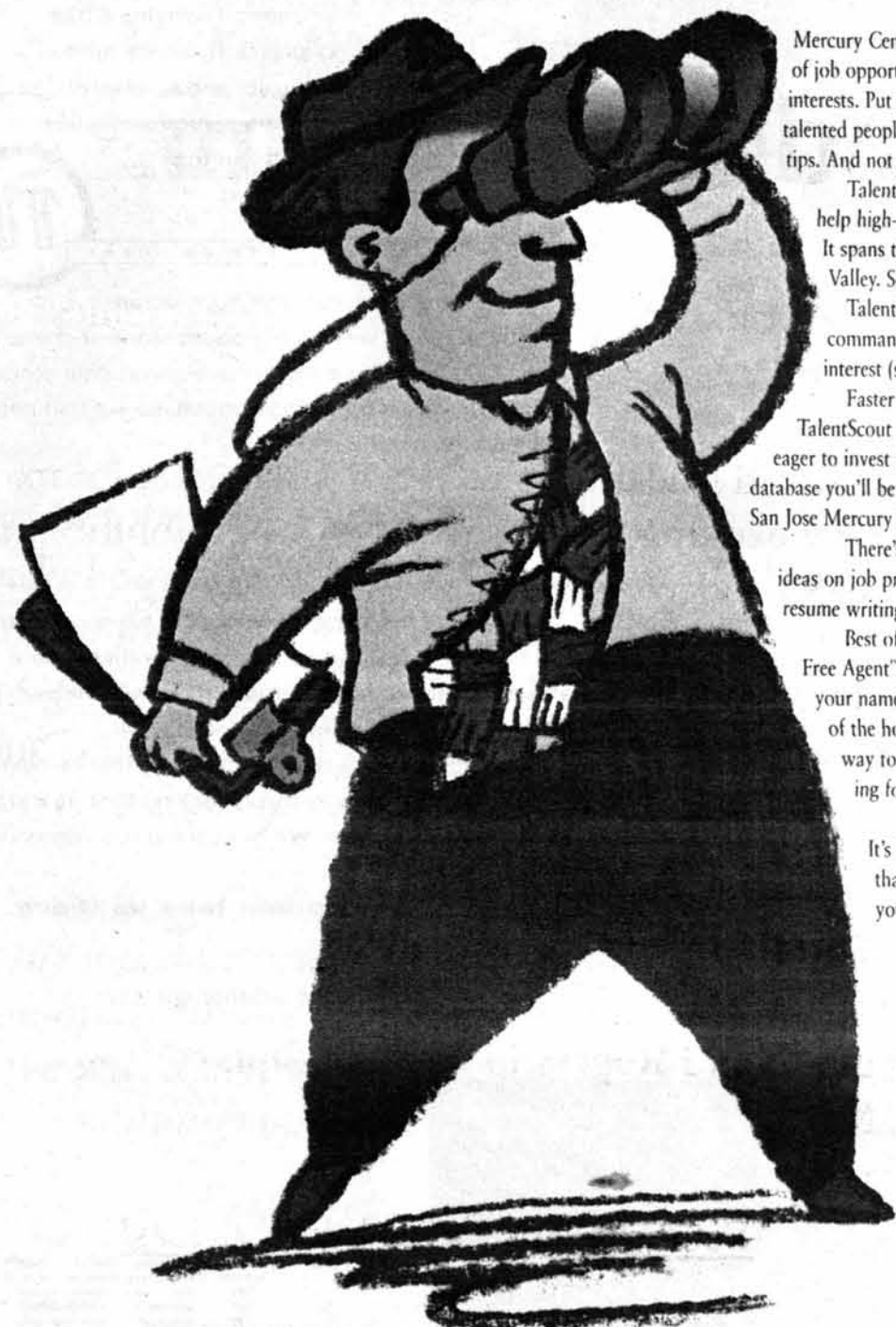
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Killian Lecturer Rota Looks Back At Teaching Career

By Zareena Hussain
 STAFF REPORTER

When asked what first interested him in mathematics, Professor of Mathematics and Philosophy Gian-Carlo Rota said, "I wasn't good for anything else."

Rota, too modest to confess to anyone his many achievements, asks everyone who congratulates him on his receipt last spring of the Killian Faculty Achievement Award how they found out. He certainly didn't tell them.

The Killian Award serves to honor the extraordinary professional accomplishments of an MIT faculty member.

Rota came to MIT in 1959 and has been here ever since with the exception of two years — 1965 to 1967 — when he was at Rockefeller University. In his time here, he has had a great impact on the MIT community.

Rota is "without peer in his commitment to mathematical scholarship, history, and exposition," said Professor of Chemical Engineering George

Stephanopoulos, chair of the Killian Committee for 1996-97 when presenting the award at last May's faculty meeting.

Rota has the same respect for MIT as the MIT community has for him. There is "no phony baloney." He also likes MIT because "students have more faculty contact than at other schools."

Rota's commitment is to students

An integral part of Rota's commitment to learning is his commitment to the undergraduates he teaches. His most memorable experiences at MIT involve his students.

"I give my undergraduate students unsolved problems in the problem set without telling them they are unsolved. When they solve them I ask them to submit it to a research journal, and they are so surprised," Rota said. "It's a great thing."

So far it has happened seven times.

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Anecdotes a part of memories

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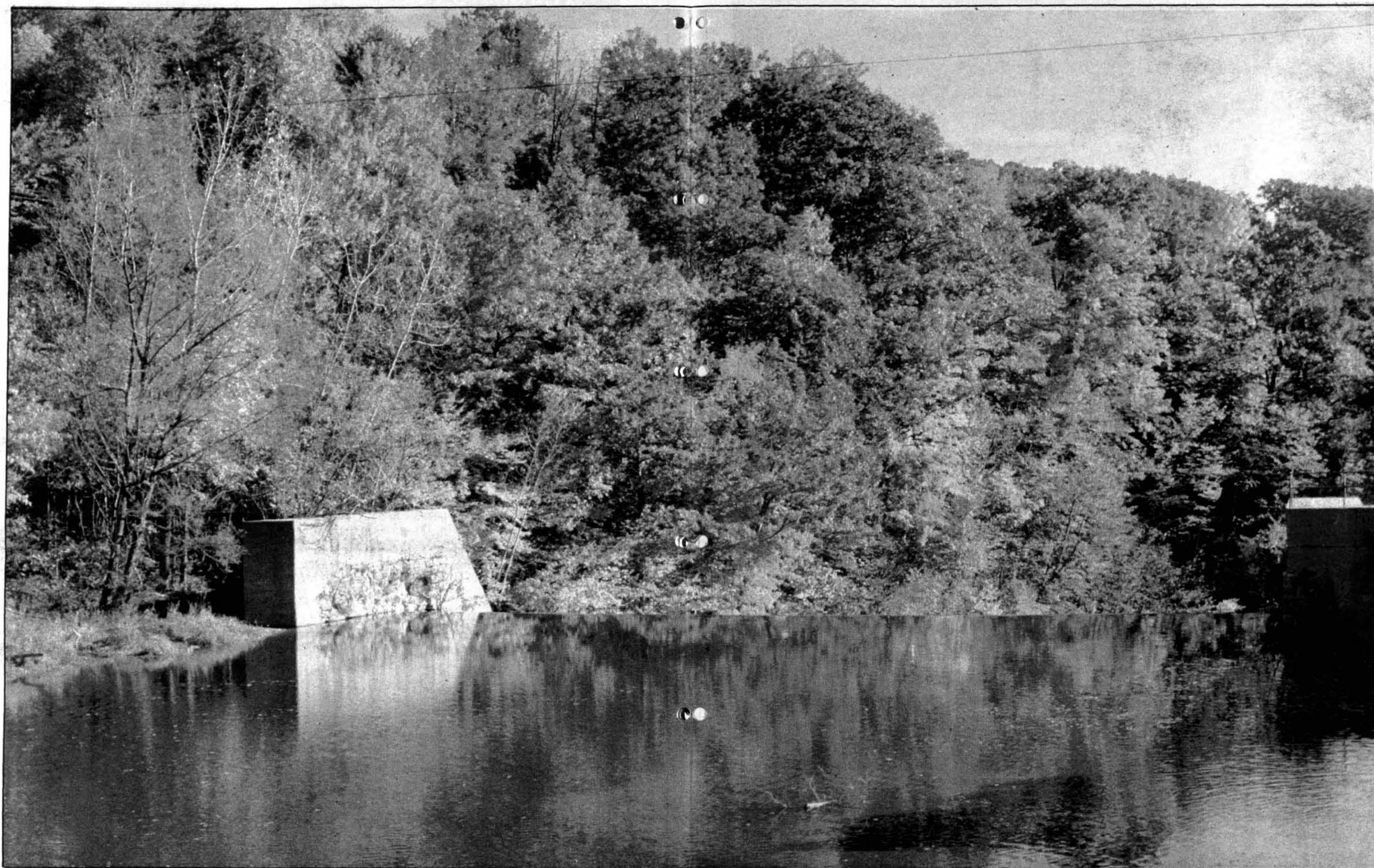


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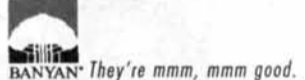
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All students, faculty, staff and MIT affiliates are invited to enroll in Physical Education classes for the second quarter. Enrollment takes place through the PE lottery on Athena from 4am on October 16 until noon on October 23. From any Athena workstation type add pelott, and then type xphedu& to execute the Selection System (note: if you are dialing up use phedu instead). Non-Athena users may enter the lottery with the assistance of the PE Office W32-125, 253-4291. Results of the lottery will be available to participants on October 24, by using the same two commands as above: add pelott and xphedu& (or phedu from dialup). Late registration, based on availability, will be conducted beginning October 25 in the PE Office. Classes begin Monday, October 28. All students with the exception of undergraduates taking classes for credit, must purchase the MIT Athletic Card.

Halloween Concert featuring the MIT Concert Band and Brass Ensemble. Wednesday, October 30, 6pm, in Lobby 7. Works from Aaron Copland, Thomas Børversdorf, Alfred Reed, Andrew Kazdin, and many others. John Corley and Lawrence Isaacson directing. Come see instrumentalists in costume and experience the amazing acoustics of Lobby 7! Free.



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This event is sponsored by
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**The President's Commission
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The Career Services Office (12-170) has received application forms for The President's Commission on White House Fellowships.

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The program is open to U.S. citizens only. The Commission encourages balance and diversity in all aspects of the program.

DEADLINE: Applications must be postmarked by November 15, 1996.

For applications, see Beth Anderson in the Career Services Office (12-170).

Attackers Harass Another Student

Attack, from Page 1

old, and 5 feet 9 inches tall. All suspects were wearing black jackets and white undershirts.

Other residents confronted

The group of men walked down Landsdowne Street next to the Necco factory on Massachusetts Avenue, where they verbally confronted another resident of Random. Benjamin M. Vandiver '00 and Karen B. Marcovici of Smith College were walking back to Random from Green Street when they encountered the group of men.

One of the men knocked Vandiver over as the group passed, he said. According to Vandiver, one of the men then asked, "Oh, did I knock you over?" Vandiver and Marcovici quickly left the scene after retrieving their belongings. The men did not make any attempts to further confront the two.

"At first glance, I didn't think they were drunk," Vandiver said.

After returning to Random, Vandiver and other residents traveled to Cambridge City Hospital to provide support for Blandford.

Residents express concern

Many residents of Random felt that the incident was an isolated event. "There's very little you can do about it," Vandiver said.

Sameer S. Gandhi '97, Random Hall desk captain, said that members of the dormitory had considered locking the front door of Random at an earlier hour in order to prevent incidents in front of the front desk. But Gandhi said that he "won't take any action unless it becomes a regular occurrence."

"Locking the door could have hurt them in this case," Vandiver said.

Several people expressed concerns about the fact that Random is adjacent to a saloon.

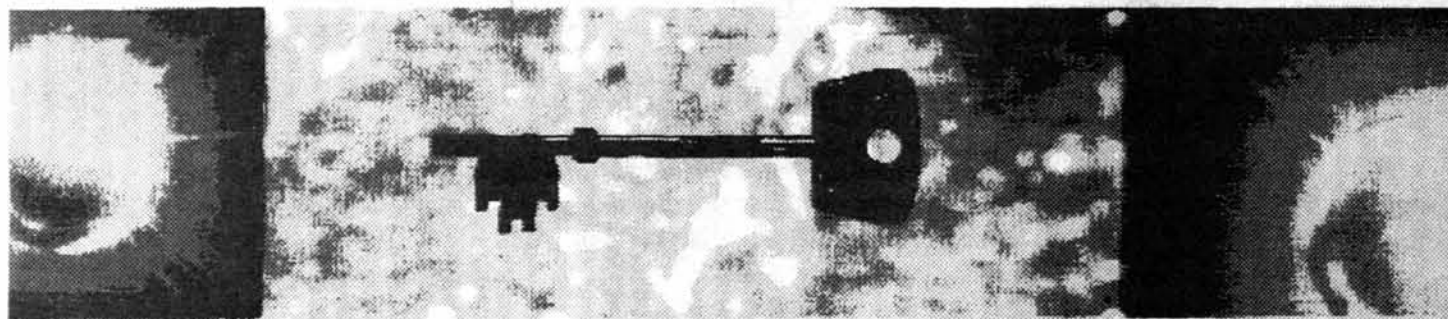
"Having a saloon next to a dorm is just plain dumb," said Random resident Eric B. Ford '99.

Yuen, however, disagreed. "Whether or not they came out of the saloon is irrelevant. It was well lit," she said. "It could have happened anywhere, anyplace. The fact that it happened outside of Random is just coincidence."

The Cambridge City Police is investigating the incident. They encourage individuals with information on the crime to call the Cambridge Police Detectives at 349-3212. Information can also be submitted via the Campus Police anonymous tip web page at <http://web.mit.edu/cp/www>.

Chief of Police Anne P. Glavin could not be reached for comment.

Deutsche Morgan Grenfell



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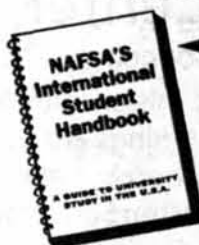
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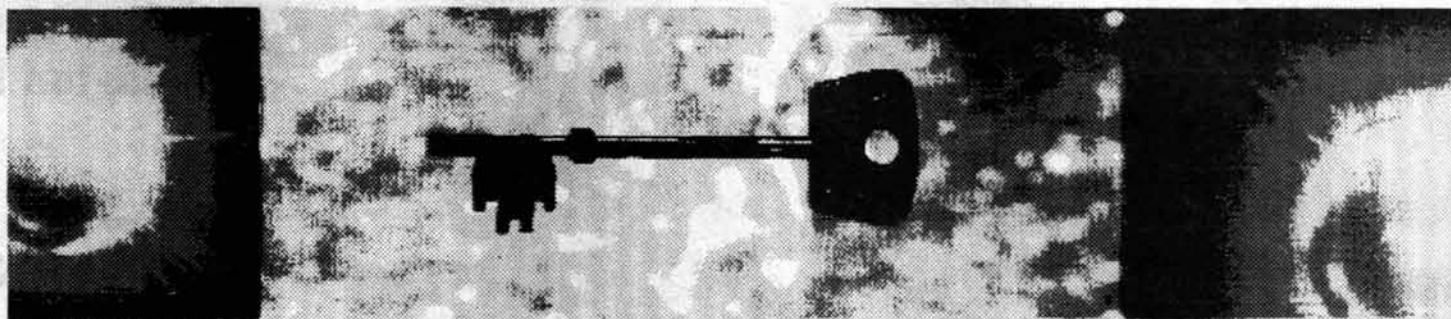
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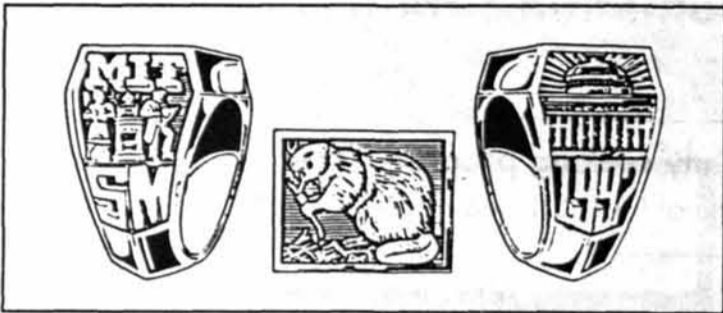
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An elderly couple dances in the spirit of Oktoberfest, which was held Sunday in Harvard Square.

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Tickets must be reserved IN PERSON ONLY in E15-205 (MIT Office of the Arts) • A valid MIT student ID and a \$5 deposit are required • Telephone reservations WILL NOT be accepted

Phase I Failures Increase Crowding

Writing, from Page 1

strain on the writing department." Currently under discussion are additional subjects that could be used for medical school requirements in order to alleviate the crowding problem, Perelman said. The second reason more students, a majority of whom are sophomores, are taking writing classes is because of the stricter Freshman Essay Evaluation passing standards introduced in 1995, Perelman said. About 25 percent fewer students passed the evaluation under the new standard, Perelman said. Twenty percent of freshmen and 17 percent of sophomores passed the evaluation, compared to 48 percent of juniors and 39 percent of seniors. "Since the standard has gone up, more students have failed," Lightman said. "More students need to pass Phase I, and so more students need to take the writing classes to pass Phase I." "We are hoping to get word out to advisers who will encourage students to submit papers instead of taking writing classes," Perelman said.

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Please submit resumes to the Office of Career Services, Room 12 - 170. The deadline for Systems Analyst positions is Monday, November 4, 1996. The deadline for Business Analyst positions is Wednesday, December 9, 1996. Please address to:

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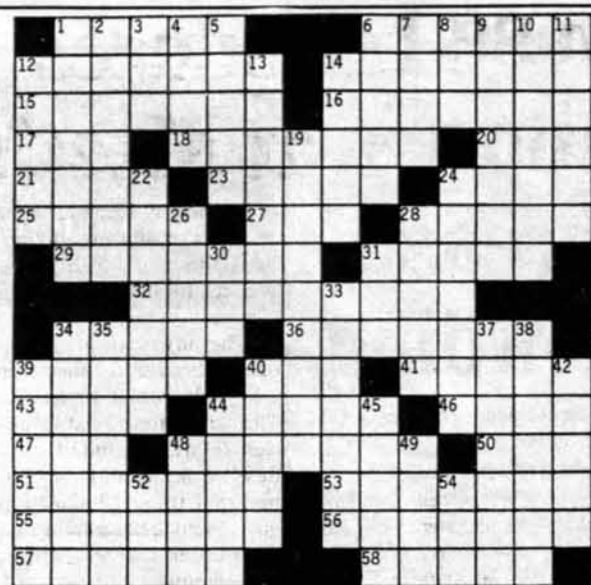
We invite you to attend our information session
 on Monday, October 21, 1996
 from 7:00pm to 9:00pm
 in Building 4, Room 163

First-round, on-campus interviews:
 Systems Analysts: Tuesday, November 19, 1996
 Business Analysts: Thursday, February 6, 1997



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- 47 Equilibrium (abbr.)
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- 53 Cats
- 55 Terms of office
- 56 Comrades
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- 58 Potatoes

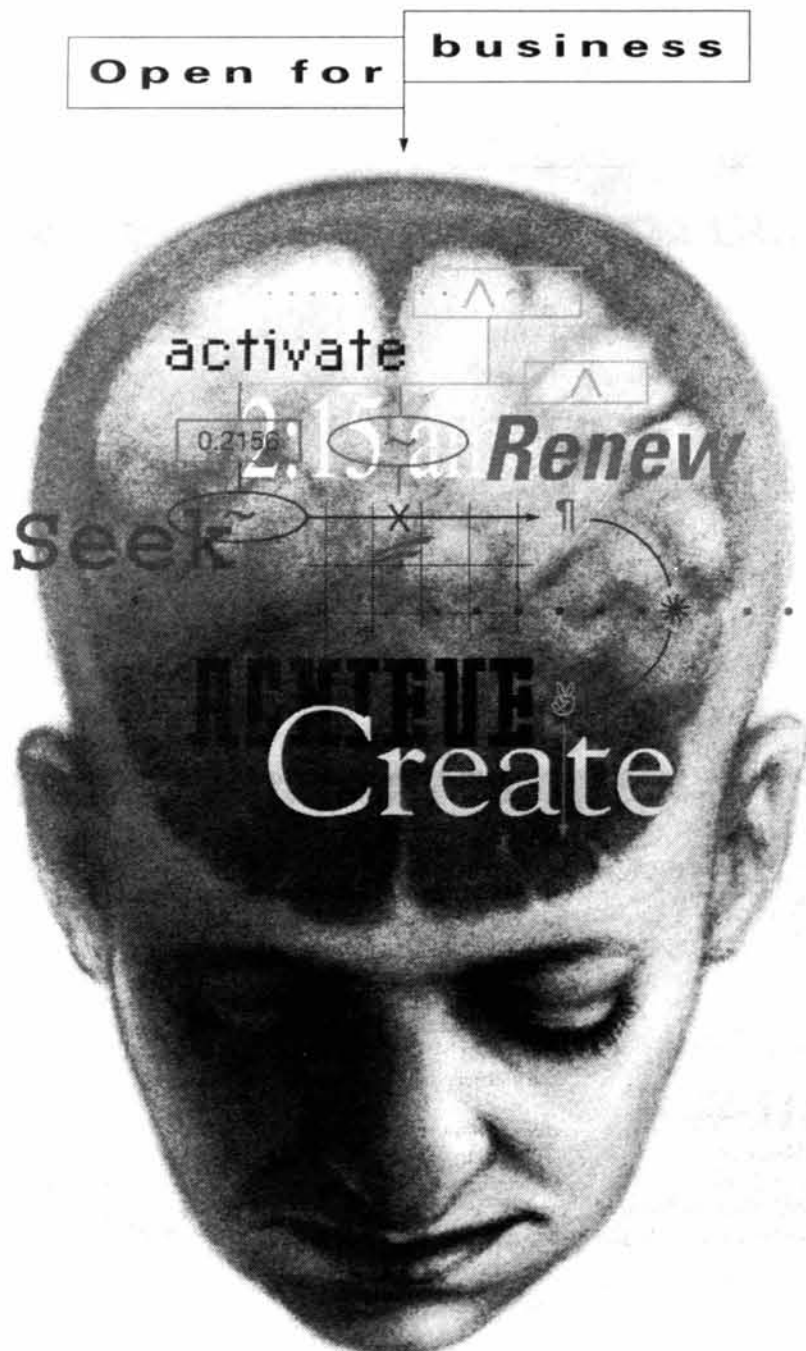
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- 4 "Look out!" (Sp.)
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 Tuesday, October 22, 1996, 7:00 p.m. - 9:00 p.m.
 Room 34-101

EAPS Introduces Program at Meeting

Faculty, from Page 1

committee wants faculty and student help in developing the proposal. There will be an open forum on the writing requirement on Monday, Oct. 21.

EAPS master program planned

Thomas H. Jordan, chair of the EAPS department, announced that EAPS is in the process of implementing a new Master of Science program in geosystems.

The EAPS department is not actually required to present the program to the faculty, since the department has already received approval from the Committee for Graduate School Policy and the new program will only represent an extra line on an already existing degree, Jordan said.

However, since the degree represents a departure from usual policy, the faculty would probably want to know more about it, Jordan said. The department consulted with people in industry to craft a course more amenable to practical work and produced a set of classes they hope will make students "highly sought," Jordan said.

The faculty decided to discuss the degree and vote on it at the November meeting.

Faculty survey results revealed

Associate Provost Phillip L. Clay presented the results of the Higher Education Research Institute Survey of Faculty, in which MIT participated for the first time last fall.

The survey results will serve, along with the undergraduate survey, to reveal the common concerns of the MIT community and differing issues among students and faculty,

Clay said. By locating the common concerns of students and faculty, the Institute can "triangulate" and decide the best course of action, Clay said.

The survey found that 75 percent of faculty said that they were under a high degree of stress, Clay said. The survey found that faculty priorities at MIT included intellectual development and maintaining a national image. Faculty personal goals included becoming an authority in a certain field and having a close family.

Over the next few months, Senior Planning Officer for Institutional Research Lydia S. Snover will be in charge of further analyzing the survey results.

Professor of Philosophy Judith J. Thomson initiated a resolution on the remembrance of the late Professor of Philosophy George S. Boolos PhD '66, who died last May of cancer. The faculty acknowledged the motion with a moment of silence.

President Vest closed the meeting with a discussion of the recent administration reorganization, which symbolizes the "importance of the greater life of our students."

The changes in the reorganization involved shifting control of about 10 major offices that were formerly managed by MIT's operations end over to the Dean's Office, which typically focuses more directly on student concerns and educational policy.

The re-engineering committees have been pointing to the integration of these areas, Vest said.

The integration of activities got rid of artificial boundaries, Vest said. The reorganization is creating a single integrated unit for delivery of all student services, he said.



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INFORMATION SESSION

Tues., Oct. 22nd
6:00 pm - 8:00 pm
Conference and Events Center
Room 4-145, MIT Campus
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INTERVIEWS

will be conducted...
Wed., Oct. 23rd

If Interested, Please Go to the Sign-Up Desk at the Office of Career Services by Tues., 4:00 pm

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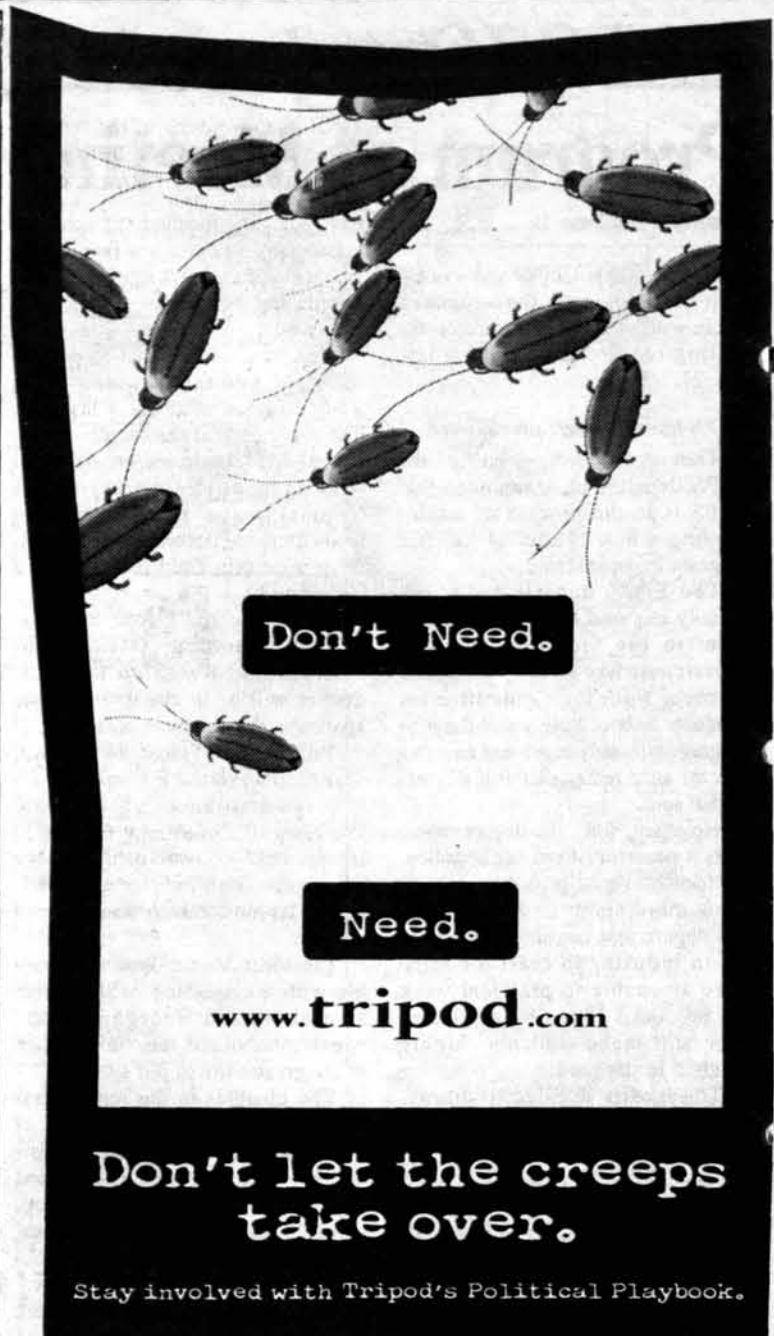
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Crews Conquer Mighty Merrimac for Gold Medals

Crew, from Page 28

boats finished in eighth and ninth places out of a total of 15 crews.

In the men's eight event, the heavyweight varsity first boat eight had a good row to win the race by a 29 second margin in 18:10. The boat, consisting from bow to stern of Dan Parker '99, Shane Wu '99, Brian Smith '97, Charley Able '97, Karsten Kallevig '99, Mike Perry '99, Robert Lentz '98, Karl Richter '99 and Jen Lykens '99 at coxswain, felt they improved from their race last week at the head of the Ohio regatta. "We were able to keep our focus throughout the race," Parker said.

The lightweight varsity first boat made from bow to stern of Kris Kendall '98, Dan Frisk '99, Balsley, Paul Oppold '99, Folch, Jorge Broggio '97, Jason Switzer G, Shook, and Irineo as cox, placed second to the heavyweights to take home the silver medal.

The heavyweight second boat, which finished fourth, learned a lot from its race, realizing not to start the race too hard. The boat which consisted, from bow to stern, of Juan Carlos Fuenmayor '97, Mark Berte '99, Solar Olugbefola '99, Matthias Baxmann G, Jared Cottrell '97, Shaun Meredith G, Dan Wolf '00, Paul Marquardt '97, and Eric Sit '99 at coxswain, felt they could improve on their fourth place finish this weekend at the Head of the Charles.

Following the men's races, the varsity women raced competitively in both the women's eights and women's fours races. Even though several members of the team were not able to race because of illness or injury, the varsity women were able to put together some great races.

In the eights race, MIT came in second, losing by less than 30 seconds to the more experienced Community Rowing Club. The boat was made up from bow to stern of Megan Reese '99, Sarah Folscroft '98, Amy Gieffers '97, Shawdee Eshghi '99, Mariah Luff '99, Heidi Chang '98, Sabina Ma '99, Susan Dey '98, and Margo Harbaugh '98 as coxswain.

Immediately after finishing the race, and with less rest time than the men, everyone in the boat joined the rest of the team for the fours race.

MIT had 4 entries in the race, and even though many on the team had just finished the eights race, the team placed well in the fours race.

The MIT A boat came in first to decisively beat rival Holyoke by over one minute. Coming in third place close behind Holyoke was the MIT D boat. MIT's B and C boats finished close behind Holyoke's second boat in seventh and eighth places. Racing in the B boat, from bow to stern, were Michelle Evans '99, Sarah Folscroft '98, Reese, Eshghi, and Jen Bautista as coxswain. The C boat was made up,

from bow to stern, of Jeanne Yu '98, Muneera Kapadia '98, Julie Devine '99, Jiye Whang '98, and Rain Gupta '00.

From racing on Saturday, the women's team learned what it needed to work on this week in preparing for Sunday's Head of the Charles. "I was pleased to see that we were able to row well last weekend, but I know that we will be able to pick up a lot of speed this week in anticipation of the Head," Dey said.

The regatta was a small one and primarily served as a practice for the varsity teams for this weekend's big

race. Overall, Director of Crew and Varsity Lightweight Coach Stu Schmill '86, said he thinks that "MIT made a nice showing at the regatta."

"[I] was mostly happy with the freshman teams, the men and the women who both won their events and learned a lot about what crew racing is all about," Schmill said.

This Sunday MIT has many boats entered in the various races in the Head of the Charles, the biggest event in the fall racing season.

Schmill said he thinks that the three squads — women, heavyweight men, and lightweight men — "are looking to have a good showing again."



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Just Maybe, Green Bay In January

Duke, from Page 27

could get the NBC team for the World Series, I would be in heaven.

Monday night madness

Green Bay's 23-20 overtime victory over San Francisco in Lambeau field was certainly the biggest game of the first half of the season. It was billed as a playoff preview, and it almost certainly is, but there are far greater implications for home field advantage in the playoffs.

Assuming the Redskins fade and Green Bay maintains its position in the standings, the Packers may have homefield advantage throughout the playoffs for the first time since the 1967 Ice Bowl, when Bart Starr lunged over the goal line in the closing seconds produce a 21-17 win over the Cowboys, catapulting them to Super Bowl II.

Monday's outcome is important because Green Bay would much rather play mid-January's NFC Championship in Lambeau Field — where the wind chill factor will be about -45°F — than in sunny, mild San Francisco, or relatively tropical Dallas.

If the Packers can overcome the potentially devastating injury to receiver Robert Brooks and maintain home field advantage, nothing will stop them from going to the Super Bowl.

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Women Runners Win One, Lose Two

By Janis Eisenberg
TEAM MEMBER

On Saturday, the women's cross-country team traveled to Maine to compete in the Bowdoin College Invitational with mixed results, as the team added one win and two losses to its record.

Bowdoin finished in first place, with an impressive 23 points, followed by Bates College with 41. MIT finished third with 69 points followed by Babson College with 111.

The results of the race were not decided until close to the finish, as the Bowdoin team ran from behind to gain many places in the final mile of the course. The interesting course consisted of varied terrain like dirt roads, farm fields, and wooded paths.

Spectators scattered throughout the course added excitement to the race. Besides the usual coaches and friends, there were a number of helpful Maine officials and several dozen mooing cows in attendance. Additionally, the beautiful fall foliage and clear weather ensured an enjoyable day.

However, the scenery was not the only high point of the day for the Engineers. While the course was

challenging, it was also quite fast, and many team members were pleased with their times.

Janis Eisenberg '98 placed fourth overall, with a time of 19:25. The next Engineer to cross the line was Shue-Fen Tung '00 in 11th place at 20:38. The next team members to finish came in a pack with Robin Evans '99 finishing in 18th place with a time of 21:01, followed by Debbie Won '00 in 20th, and Leah Nicols '00, as the last MIT scorer, in 21st.

The varsity team was rounded out by Lynn Cornell '97 in 31st place with a time of 22:15 and Melissa Henderson '97 in 35th place with a time of 23:09.

Although both Bowdoin and Bates placed ahead of MIT, the Engineers were glad to have had the chance to run against both of them. Both teams, (along with MIT) are ranked in the top 10 in New England.

Racing against accomplished teams like these will give the Engineers motivation to improve. MIT's one victory of the day was over Babson, the only other New England Women's Eight Conference team present. This accomplishment bodes well for the NEW 8 Championship later in the season.

This Friday the women's cross-country team will be competing in the All New England Meet at Boston's Franklin Park.

Field Hockey Wins Two

Field Hockey, from Page 28

shutout by blocking six shots and eight penalty corners in the first half. However, at the end of the 70 minutes of regulation time, the score was still 0-0, which sent the game into overtime.

The Engineers had lost their last overtime game to the University of Massachusetts at Dartmouth just five days earlier, and the team was determined not to let that happen again. Both teams played a strong 15 minutes, but the score remained at 0-0. After a short break, the teams were back on the field for another round of overtime play.

If no one scored in this second sudden death overtime period, the teams would proceed to strokes on goal. However, with just 5:04 left, Sadowski scored off a rebound from the Babson goalie's pads to end the game with a score of 1-0.

"Thanks to Laura's fantastic goalkeeping, the solid play of Ellen Hwang '97 at defense and the tremendous effort by the whole team in overtime, MIT came out on top," Silva said of the victory.

Tracy Sadowski '99 "played both overtimes without a break and her sister Connie came up with that clutch goal — her third of the season — which won the game. Nobody let up!" Silva said.

This victory improved the Engineers record to 7-3. The team's next and final home game of the regular season will be against Clark University Saturday, Oct. 26 at 1:00 p.m. on the Jack Barry Omni Turf.

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NFL Special from New Hampshire: Take the Yankees?

By Chris Brocoun
SPORTS COLUMNIST

I take my position as a sports columnist very seriously. It is a lot of fun (which, surprisingly, is why I do it), but it also entails a great deal of responsibility. I mean, I ought to watch all the games and really know my stuff.

I am ashamed because this weekend I watched football for all of five minutes — as in the pre-game introductions for Green Bay-San Francisco, which, I might add was a great game (author's note: it turned out exactly as I called it "Take the Pack in a thriller." Field goal in overtime? Am I good or what?).

All the loyal fans out there — don't despair. I have a good excuse for neglecting the NFL. I was tied up getting in touch with nature camping out in the middle of nowhere somewhere in New Hampshire. Really. I don't think I could have gotten last year's Super Bowl scores out there yet.

As far as I knew, Tampa Bay could have upset Minnesota, Washington could have won yet again, and New Orleans could have amazed da Bears. Wait a minute. That is exactly what happened. Talk about picking a bad week to miss.

This is fodder for excellent commentary. Unfortunately, my knowledge of these games is limited so my discussion will strictly adhere to the KISS principle (Keep It Simple Stupid, which for me translates into don't admit my ignorance).

New Orleans got lucky. Da Bears are horrible. The Vikings are even more horrible (they are so bad I have to make up new words just to describe them). The Redskins are downright amazing. The end.

I thought that this week I would focus on the NFC Central with Green Bay having won, Minnesota being upset and so on. Then I noticed that the entire NFC Central has the week off (Tampa Bay still doesn't count, even if they did beat Minnesota).

Therefore, my job is incredibly easy this week. The NFC Central teams will remain exactly as they are in the standings except Tampa Bay will have one more loss. Onward.

The picks, week 8

Question: What exactly is the point of a Thursday night game? Answer: Not much apparently, since Kansas City is going to roll all over Seattle.

Indianapolis and New England. The Colts are experiencing great luck this year. New England is experiencing terrible luck. I don't believe in luck, but this is just too sure to be overlooked. Take Indy.

There are two teams in the NFL with worse records than Tampa Bay. Arizona isn't one of those teams. Take Arizona.

In an act of desperation, Jets' management announced that the first 100 fans over the age of six at the Jets game will get to compete for Neil O'Donnell's job. The management has since realized that it is doubtful that 100 fans will show up. The Jets ought to just take the rest of the year off. Take Buffalo in a rout.

New Orleaners are going crazy watching the Saints' incredible two-game winning streak. Take Carolina.

This is one time that I can't call a Dallas loss just because of a grudge, no matter how much I want to. Atlanta is that bad.

Denver is going to tear it up against the disastrous Ravens (explanation: I have given up calling them the Browns because they stink).

Jacksonville at St. Louis will be a decent contest... for a Division III football game. Take Jacksonville.

Philadelphia and Miami are both having rollercoaster years. I think Miami might be picking up speed again though. Take the Dolphins.

There is a one point spread between Pittsburgh and Houston. That must be a misprint. Let me clear this up real quick: Pittsburgh wins by a whole lot more than one point.

Cincinnati at San Francisco is like watching the Bulls play the YMCA Youth Basketball League.

Things are just happening for the 'Skins. The Giants ain't been up to much. I will not try to explain it because I don't think anyone can, but Washington is going to keep winning.

Monday Night Special: Raiders at San Diego. As it is a contest entirely in California, I say that I just don't care. Talk about a let-down after the past three weeks. You can't win them all, I guess. Take the Chargers.

Last week: 8-5, season record: 39-25. (Once again, I think calling Green Bay should count double).

Only in New York: 12-Year-Old Sends the Yankees to World Series

By Martin Duke
SPORTS COLUMNIST

Only in baseball and only in New York can a little kid change the complexion of an entire playoff series. I am, of course, referring to Jeff Maier, the 12-year-old from New Jersey who was celebrating his bar mitzvah in the Yankee Stadium right field stands that night.

In case you missed it, in game one, Maier reached over the wall to field a deep Derek Jeter shot, deflecting the ball from the glove of a waiting Tony Tarasco and into the stands. The umpire, despite being in pretty good position, blew the call and called it a home run.

The Orioles, quite justifiably, went ballistic, but the pseudo-homer tied the game to set up a Bernie Williams 11th-inning homer. It is fair to say that the Baltimore Orioles would have won the first game if the Jeter shot had been called correctly.

True, bad calls are a part of the game, but imagine how much the feeling of the series changes if it goes back to Baltimore with the Orioles up 2-0 instead of tied at 1. We might have had a different American League champion.

It's time for instant replay in baseball — it couldn't possibly take

as much time as the argument they had last night.

A star is born

There were three stars born when Maier became the youngest person ever to win a game for the Yankees. One was Maier of course, who capped his 15 minutes of fame with an appearance on *Regis and Kathie Lee*. Of course, since it was New York, the man who came up with the ball wouldn't give it to the young hero.

Lost in all this is that Maier interfered with the ball, which is grounds for ejection from any stadium. They announce it every night.

The second star is umpire Rich Garcia, who is famous for all the wrong reasons. Although he refused to admit that Tarasco would have caught the ball — a clear sign of poor judgment — he at least had a sense of humor about his predicament, saying, "Only I could get in trouble in right field."

The only undeniably good thing to come out of this fiasco, though, is that it set the stage for heroics by Bernie Williams, who is the most underrated centerfielder in the game. This is surprising given that he plays in New York and he isn't in the shadow of some other star.

Nevertheless, the Puerto Rico native, who turned 28 last month, has shown steady improvement over his six-year career.

With his solid defense in center, Williams had become the Yankees' MVP, always delivering the key hit or backbreaking catch, until Cecil Fielder arrived and changed the offense.

And the Emmy goes to...

NBC for its announcers and Fox for its overall coverage. I can't remember a broadcast team better than Costas/Morgan/UECKER. With Morgan's knowledge of the game, UECKER's humor, and Costas's combination of both combined with his interesting opinions, they are the most complete team of the year.

They make every pitch interesting by pointing out the dynamics of the pitcher/hitter contest, opening up a facet of the game previously open only to the dedicated fan.

On the other hand, Fox's innovations in sports broadcasting continue. I just don't understand how the score window hasn't become universal in sports coverage. Sounds, statistics, and the game are best presented on the baby network. If they

Duke, Page 25



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SPORTS

Crews Race Well, Set Sights on Head of the Charles

By Erik Balsley, Amy Gieffers, and Robert Lentz
TEAM MEMBERS

The varsity men's heavyweight, lightweight, and women's crew teams, along with the novice squads, participated in the New Hampshire Championships Regatta Saturday and medaled in every event in which an MIT boat was entered.

The race took place on the Merrimac River in Hooksett, New Hampshire on a 2.5 mile course. Despite an early morning chill, a strong headwind, and a noticeable current on the Merrimac (which along with the headwind slowed the times for all crews), and many rowers racing twice, MIT was able to dominate the races throughout the day.

The varsity heavyweights continued with their outstanding fall season by rowing to two first place finishes to take gold in the open fours and the open eights events.

The races were run like other head pieces in the fall, where boats are sent across the starting line one at a time, with a stagger between boats. In these races the order in which boats cross the finish line does not matter, but time does.

In the first event of the day, the men's novice eight event, the first MIT novice lightweight eight finished first in a time of 20:31. The novice heavyweight men's first boat finished 30 seconds behind to take third place. This race took place as the men's fours were rowing to the starting line for the open fours

event, and provided the fours with enthusiasm for their races.

MIT had eight boats entered, four from each men's varsity squad. The MIT crews were able to pass slower crews early in the race, and MIT fours finished in the top six places along with places 12 and 14.

The heavyweight A and B boats outdistanced the competition by nearly one minute, placing within eight seconds of each other.

However, the heavyweight B boat had complications when a Brandeis University four steered into their path, causing a near crash. Following these crews in third place, was an MIT lightweight four made up from bow to stern of Joe Irineo '98 as coxswain, Erik Balsley G, John Bustamonte '98, Garrett Shook '97, and John-Paul Folch '97.

The MIT heavyweight C four, consisting of Eileen Liu '98 as

coxswain, Brad Lichtenstien G, Jared Cottrell '97, Mads Schmidt '98, and Justin Siou '99 felt they were limited by rigging problems and look forward to a faster race this weekend, when they will be rowing in the Championship Four division of the Head of the Charles this weekend.

After finishing this race, most of the fours brought their boats to shore and quickly relaunched in

eights. On their way to the starting line for what would be for some the second race of the day, they witnessed the women's novice eight event as it came down the course.

In their first race of the year, the novice team's A boat decisively won the race, beating second place finisher Mount Holyoke College by over a minute. The novice B and C

Crew, Page 25

Field Hockey Wins Two

By Theresa Power, Meagan Pitts, and Doris Manahan
TEAM MEMBERS

On Saturday the field hockey team defeated Smith College in a New England Women's Eight Conference game to up their record to 6-3.

Melody Epps '99, the MIT goalkeeper, recorded her first shutout of the season. The Engineers put together two solid halves of hockey and scored their first goal early, with 29:26 left in the first half.

The goal was scored by Margie Tsai '99 off a penalty corner with an assist by Theresa Power '00. Late in the first half, Captain Katherine Merrilees '97 scored to increase MIT's lead to two goals.

The Engineers came out strong in the second half as well and once again scored early off a shot by Power that brought the score to 3-0. Later in the half, with 10 minutes

remaining, Stephanie Maifert '97 scored to increase MIT's lead to four goals. Then with three minutes remaining, Power scored the final goal of the day off a pass from Connie Sadowski '99 to bring the final score to 5-0.

Coach Cheryl Silva said that she was pleased with her team's performance and was "glad the team put together two solid halves of hockey."

"There was no let up in intensity, which has been a weakness of this team in the past," Silva said. With the victory over Smith, MIT became the week's first place team in the Eastern Collegiate Conference, and Power was named player of the week.

The Engineers proved themselves worthy of these honors by defeating Babson College Tuesday in an away game. Goalkeeper Laura Walker '97 recorded another MIT

Field Hockey, Page 26

UPCOMING HOME EVENTS

Saturday, Oct. 19

Men's Cross Country NEIAAA Championship, TBA.
Football vs. Curry College, noon
Sailing in the Smith Trophy, 9:30 a.m.
Women's Soccer vs. Mount Holyoke College, 3:30 p.m.
Women's Tennis vs. Mount Holyoke, 1 p.m.

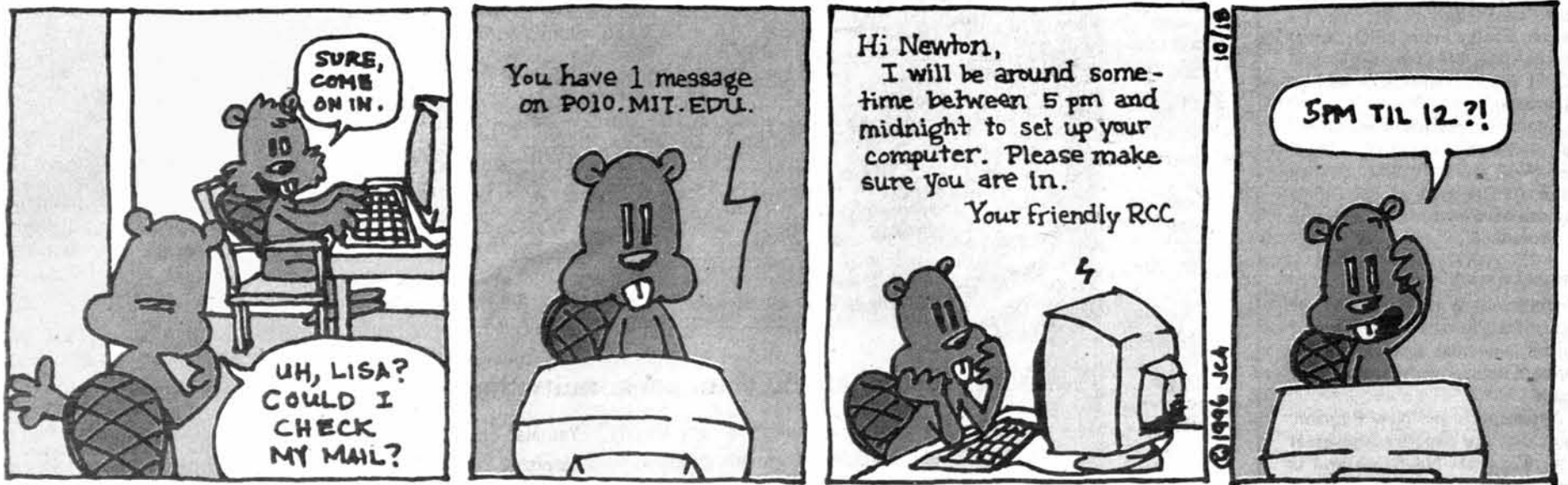
Sunday, Oct. 20

Men's and Women's Crew in the Head of the Charles Regatta:
Club Fours (heavyweight men, varsity women, Director of Crew Stu Schmill '86 racing with the Stanford RC), 8:10 a.m.
Club Eights (heavyweight men, lightweight men, varsity women, graduate/Sloan crew club), 9:15 a.m.
Veteran's Singles (Professor of Mathematics Hartley Rogers), 10 a.m.
Lightweight Fours (varsity women), 12:50 p.m.
Lightweight Eights (men and women), 1:29 p.m.
Championship Double (world champion Linda Muri '85 and former national team member Brad Layton '92), 2:58 p.m.
Championship Fours (heavyweight men, varsity women), 3:20 p.m.
Championship Eights (heavyweight men), 4:15 p.m.
Sailing in the Jack Wood Trophy, 9:30 a.m.



Dammed for Life

by Jessica Wu



Off Course

By Hugo

