



Michelle Greene/The Tech

An MIT mom is caught having fun with science in Strobe Alley during a Family Weekend event. Other events included guest lectures, and performances by various MIT musical groups and the Shakespeare Ensemble.

## Harassment report offers guidelines

By Lakshmana Rao

The MIT Committee on Sexual Harassment released its report last week, offering detailed guidelines to members of the MIT community on how to report cases of sexual harassment.

These guidelines, which the report calls "road maps," illustrate several ways by which cases of sexual harassment might be identified.

The committee was appointed last November by former Provost John M. Deutch '61 to "consider possible modifications to the Institute's policy on harassment" and to "propose steps to reduce the occurrence of sexual harassment on campus."

Associate Provost Samuel J. Keyser chaired the committee, which had representatives from the Academic Council, faculty, administration and staff, as well as post-doctoral fellows and students.

The report notes that "a significant part of the problem at MIT is lack of knowledge, not only about what mechanisms currently exist to deal with sexual harassment, but also about the existence of sexual harassment in the

first place."

According to Mary P. Rowe, special assistant to the president and a member of the committee, "The number of harassment cases of all types at MIT significantly increased in the mid-1980s, and is quite high for an institution of this nature."

### Road maps offer a list of options

The road maps outline options that are available to the general community, as well as specific options for students, post-doctoral fellows, faculty, staff members and employees represented by a union.

For students, these specific options include reporting to a housemaster, faculty advisor, ombudsperson, department head, the Committee on Discipline or the Office of the Dean for Student Affairs.

The report adds that affected people may pursue complaints through informal procedures, mediation or investigative procedures.

The report recommends that specific guidelines on how to deal with harassment, including sexual

## Tewhey tells UAC about alcohol rules

By Reuven M. Lerner

The Undergraduate Association Council discussed possible changes in the campus alcohol policy and MIT insurance programs at its meeting on Oct. 18.

Associate Dean for Residence and Campus Activities James R. Tewhey told the group that the city of Cambridge "has put back on their council agenda the issue of banning kegs as a city ordinance."

The city had considered a simi-

lar measure last spring, but decided in the end to let universities regulate alcohol use on their own campuses, he said. "It is conceivable that they are going to pass what they didn't pass last spring," he added. Tewhey said that MIT would probably not oppose the ban if it were passed.

When asked if such a ban would include public parties, Tewhey said that it would be "all-encompassing — it will mean that kegs will not be able to be delivered to dormitories, regardless of whether you have a licensed party or not."

Tewhey noted his disappointment with students for not being more opposed to alcohol abuse. "Drinking is not an individual act. . . . Getting drunk leads to actions that affect people other than that individual."

He cited a soon-to-be-released study done by the MIT Medical Department, in which 1000 randomly-selected undergraduates were asked questions relating to

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## Kang guilty of assault

By Dave Watt

Thomas S. Kang '91 was found guilty yesterday on charges of assault and battery, and assault and battery with a dangerous weapon, in connection with an attack on a Lesley College woman at a Phi Gamma Delta (Fiji) fraternity party on July 15. Kang's sentencing was delayed pending inpatient psychiatric evaluation.

The judge dismissed the more serious charge of assault with intent to commit murder, by agreement of the prosecuting and defense attorneys.

Kang admitted to the facts in the case, which led to the guilty finding. "This incident occurred as a result of Thomas Kang's inability to control himself when he's had too much to drink," said William P. Homans Jr., attorney for the defense. He argued that for this reason, Kang should not

be sentenced to jail.

Kang will undergo in-patient psychiatric evaluation during Christmas vacation.

The assistant district attorney, Charles R. Daly, pressed for Kang to receive six months in jail, at the behest of the family of the woman assaulted.

It is unclear whether a civil suit will be filed in the case. "We've got a long way to go before we have a civil suit," said the woman's mother. The woman has requested anonymity.

It is also not yet known whether Kang will be permitted to finish his degree program in economics at MIT. "I'm not sure what we're going to do. Until I get the [official word], and get a chance to read it, I will make no decision," said James R. Tewhey, associate dean for student affairs.



Tech file photo

Thomas S. Kang '91

It is likely the Dean's Office will decide Kang's status at MIT, instead of the Committee on Discipline, Tewhey said.

Kang, a member of Delta Upsilon, has been living off campus and attending classes at Harvard University this term.

This seriousness of this incident may lead the Interfraternity Council to change its party policies, IFC President Miles Arnone '91 said. This incident "makes it painfully clear what can happen when" anybody has too much alcohol to drink, he said.

DU President Joseph J. Berghammer '91 was not available for comment yesterday.

### "A very, very violent incident"

Kang's admission of evidence brought to light more details of a

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harassment, be given to people who might receive complaints. It further recommends that those people receive "appropriate training commensurate with the procedures relevant to their responsibilities and be accountable for these responsibilities."

A memorandum sent to the Academic Council by former President Paul E. Gray '54 on Oct. 12 said that "the only way to make sure that the MIT com-

munity is free of harassment of any kind is to have each senior officer and each supervisor, both academic and administrative, insist that MIT's policies and programs are implemented in his or her area." This memorandum has been endorsed by President Charles M. Vest, who took office on Oct. 15.

In an earlier memorandum to Keyser, Deutch outlined eight

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## Biology enrollment dips again

By Stephanie Byrne

The number of sophomores declaring majors in the Department of Electrical Engineering and Computer Science has again risen while enrollment in the Department of Biology has continued to decline, according to statistics for the Class of 1993 recently compiled by the Registrar's Office.

After reaching a peak in enrollment in 1988, the biology department has suffered a dramatic decline in the number of students declaring majors in the field. In 1988, 91 sophomores chose to major in biology. This number dropped to 78 last year, and this year has fallen to 50 — a 46-percent decrease since 1988.

Robert T. Sauer, associate head of the biology department, was surprised by this year's low figure. He expected a small drop due to normal fluctuation, but stated that a slightly larger decrease could be due to the fact that "the overall climate in the biomedical field is negative as far as funding is concerned."

In the School of Science, an increase in enrollment in the physics department has balanced out the decrease in biology. This year, 90 sophomores declared majors in physics, 22 more than last year. This figure, however, is only slightly higher than that from 1988.

Physics Professor Saul A. Rappaport '68 said it is possible that enrollment will increase again next year, as a result of this year's Nobel Prize in physics being awarded to two professors in the department.

"People do get very excited about those things," he said. "However, excitement about good professors in the physics department has not seemed to have made a significant impact [on enrollment] in the past."

The 22-percent increase in

EECS enrollment is part of a general elevation of enrollment in the School of Engineering as a whole. Enrollment in EECS has been steadily increasing since it hit its lowest point in over a decade in 1988. Two hundred forty-four sophomores declared majors in EECS in 1988, but this figure has risen to 325 in 1990 — an increase of 33 percent.

There is some speculation that a large portion of this year's in-

crease is due to transfer student enrollment. Paul L. Penfield '60, head of the Department of Electrical Engineering and Computer Science, was unsure about the reasons for the large increase, but believed that the high enrollment in the department is "a cause for concern."

Other departments which show a rise in enrollment include civil engineering, materials science

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## Houssam R. Hariri '93

Houssam R. Hariri '93 died Friday night in an auto accident in Jamaica Plain. The accident allegedly occurred when Hariri lost control of his Porsche 911 while drag racing with his brother, Bahaa, on Jamaicaway. His brother, who was driving an identical car, was not injured.

Hariri grew up in Saudi Arabia, and lived alone in an off-campus apartment while at MIT. His father, Rafic Hariri, is a mediator for King Fahd of Saudi Arabia.

His father also founded and funds the Hariri Foundation, based in Washington, DC, which provides interest-free loans to Lebanese students wishing to attend universities in the United States.

Hariri was a student in the Department of Mathematics, and held a wide array of interests, according to his advisor, Assistant Professor of Mathematics Ezra Getzler.

"He was a very enjoyable person to talk to. He had a lively range of interests," Getzler said, adding that Hariri seemed to be just settling into MIT this year, and that his death was certainly a great loss.

One of Hariri's close friends, Aaron M. Woolsey '93, said that Hariri spent last summer training in order to try out for the MIT track team. "He wanted to break the record for the 100-yard dash," Woolsey said. He added that Hariri was set on doing something for which his name would live on at MIT.

"Being at MIT meant a lot to Houssam. He was a good friend, very generous and supportive," Woolsey said. "He had many solid friendships at MIT. He'll be missed a great deal."

Hariri is the youngest of three brothers. His eldest brother, Bahaa, graduated from Boston University this past year and currently works in the Boston area. His other brother, Saad, is a student at Georgetown University in Washington, DC. Hariri is also survived by his mother, Navik, and several half-brothers and sisters living in Saudi Arabia.

A memorial service was held for Hariri on Saturday at The Four Seasons Hotel in Boston. His body was flown home yesterday for burial in Medina, Saudi Arabia.

inside

Worker shot in Au Bon Pain in Kendall Square. Page 15.

\* \* \* \* \*

\$2250 stolen from BayBank in Student Center. Page 15.

# Wrighton seeks a balance in education

## Interview

By Dave Watt

Professor Mark S. Wrighton has risen rapidly through the academic hierarchy to become Institute provost. At 41, he is nearly the same age as Paul E. Gray '54 when he assumed the job of chancellor, which proved to be stepping stone to the presidency.

Wrighton received his PhD from the California Institute of Technology at the age of 22, and became full professor here at MIT when he was 27. His research group works on many different topics in electrochemistry, from molecular electronics to chemical modeling of photosynthesis.

In the chemistry department, Wrighton is known among the graduate students, and perhaps even the professors, as the Man with Money. He generates \$1 million per year in research grant money to finance his own work, and while he was department head, he found still more money to help finance the purchase of major instruments for other chemistry research groups.

He has won awards for both his teaching and research, including the Chemistry Graduate Teaching Award and a Dreyfus Teacher-Scholar Grant. He has also been a MacArthur Fellow.

**Q:** What do you think are some of the main issues you're going to face as provost?

**A:** The near-term issue is to learn enough about MIT to be able to find out from the people who are directly concerned what their issues really are. So I think that in the next couple of months the biggest issue will be to get to know people and to learn about those areas of the Institute that I don't know enough about. Also, the next couple of months will be my first period in connection with dealing with budget; budget activities are the principal responsibility of mine; we have a five-year planning process. Five-year plans are submitted and updated every year. It will be my responsibility to read those plans and to adjust budgets accordingly.

**Q:** What kind of measures do you think should be taken to hold the line on costs? Do you think that MIT should commit to something like Stanford has, of saying we're not going to raise our tuition over the line of inflation?

**A:** What I see is a lot of constraint on how far we can go to increasing tuition. First, on the undergraduate side we have very high costs for the students, and financial aid contributions from the budget are fairly sizable, so we're not interested in raising the cost too much. On the other hand, if we're going to continue to expand services, we may need more resources. I don't anticipate that we're going to have draconian cuts and I don't know all of the hits that the budget is likely to have over the next year or so. I believe from my overlap discussions with John Deutch that the president and I have been left with an institution that is financially sound. And we're in the midst of a major effort to improve the resources that we have through the Campaign for the Future, and I strongly support that effort. I'm optimistic that the campaign will continue to be successful.

**Q:** Do you think that MIT should be appealing more to other sources of funding beyond student tuition? What other resources are out there that MIT could appeal to for support?

**A:** Well, we've probably appealed to every possible supporting agency or group or individual, but we already have some significant streams of support: the federal government, endowment income, unrestricted gifts, and tuition income.

**Q:** You don't mention private industry support.

**A:** All private industry is about 25 percent of our research budget. So one area of strength in terms of our support stream has been the private sector. We've done better there than most other institutions. And yet, I think there's a lot of room for improvement.

**Q:** John Deutch took strong stands on a variety of issues, including the participation of gays in ROTC, or lack thereof. Do you expect that while you are provost you will be outspoken about certain issues, and if so, which ones?

**A:** Well, to me one of the most important issues — it's a sort of global issue — it's not something that one needs to be outspoken about, but we need to improve the synergism between education and research. It seems to me that the US educational system is built on the hope that a strong research enterprise, like the graduate programs we have in chemistry, physics, [and] engineering, will make our traditional educational enterprise stronger, better, in percentages. And I think we've realized an element of that hope, but I think we can do much more.

**Q:** How?

**A:** Well, for one thing, I think one area where we've done well is we have excellent people teaching in the undergraduate programs. And we have undergraduate research opportunities which put undergraduates in research groups. These are things that can be improved on yet further; but I also note that it's often the case that undergraduates don't have as much appreciation for how the research enterprise really works.

One area where we as educators are falling short is we haven't acquainted our public supporters — parents, the public at large, others interested in our university — with why research is going to lead to a better formal educational experience for students. It's amazing to me that people can come through the educational enterprise and not understand, for example, the day to day activities of the faculty. You would probably see it more as a graduate student than you ever would as an undergraduate.

with what's going on at the cutting edge. That's an example of what I mean when I say undergraduates can be involved in realizing that synergism.

**Q:** Could you talk about the specific things that MIT does for recruiting minorities at the undergraduate level, and what additional things they could do?

**A:** I'm not sure of all of the things they do at the moment. Presently, the admissions process for the undergraduate course is directed by Michael Behnke, and I'm going to be going to the Committee on the Undergraduate Program in November. We'll have a number of issues on the agenda, things I will want to discuss. And, it seems to me that we will want to aggressively recruit underrepresented minorities. We do, it seems, well with women as well as with underrepresented minorities.

**Q:** But you don't have any specific things you think can be done yet?

**A:** I think the thing we need to do is spend time and work hard to attract the students. I believe that means more involvement in a personal sense with the people that we want to come to MIT. It's been effective in the past to call people and tell them how much we admire them and wish they'd consider MIT and answer questions, and I think we should work very hard to call everyone who is accepted here, make that personal contact. Hearing from a faculty member, for example, can have a big impression.

When we identify underrepresented minorities, we should make a special effort to see to it that we are as accommodating

students, the housing situation is very important.

**Q:** Does that mean that you advocate more housing on campus both for undergraduates and graduate students?

**A:** I think it's more critical for undergraduates. Graduate students are more experienced, more mature. Many come from independent living situations at other campuses, and know a lot about how to go about finding an arrangement. So I think the immediacy for graduate students is less in most cases, with the exception of international students.

**Q:** If someone like Jeremy Wolfe were up for tenure, do you think things would be handled differently? For example, if next April some popular lecturer comes up for tenure, would it be handled differently?

**A:** It would be handled very nearly the same. What each of the schools will be coming to grips with will be a process of documenting achievements in educational activities, and conveying to junior faculty early on in their careers what the criteria are to be in some circumstances. We certainly want to encourage great relations between classroom instructors and the students they are teaching. We also want to be fair to faculty who are in junior positions, letting them know early that great lecturing is not necessarily going to be viewed as great teaching. I don't myself believe that Jeremy Wolfe was only a great lecturer. I don't know him personally, but my understanding was that he is an effective person for many students in ways which go beyond just delivering a lecture. But I think that as time goes on, what one is going to see at each of the levels of consideration — at the department level, school council level, and at the academic council level — [is] weightier documentation, more substantial documentation about the achievements in education.

**Q:** Are you implying a criticism of the tenure review process at this point, or that there was insufficient documentation at that point of Wolfe's achievements in education?

**A:** It's not a criticism of the process; first of all I participated in it on the Whittaker Council.

It's typically the case that we hire assistant professors on the basis of their promise as leaders in their discipline. We do not often have the prospect of attracting people here because we think they can create new classes or subjects for people to be taking. And when people create new subjects, that's an element that should be considered if they are going to be considered, for example.

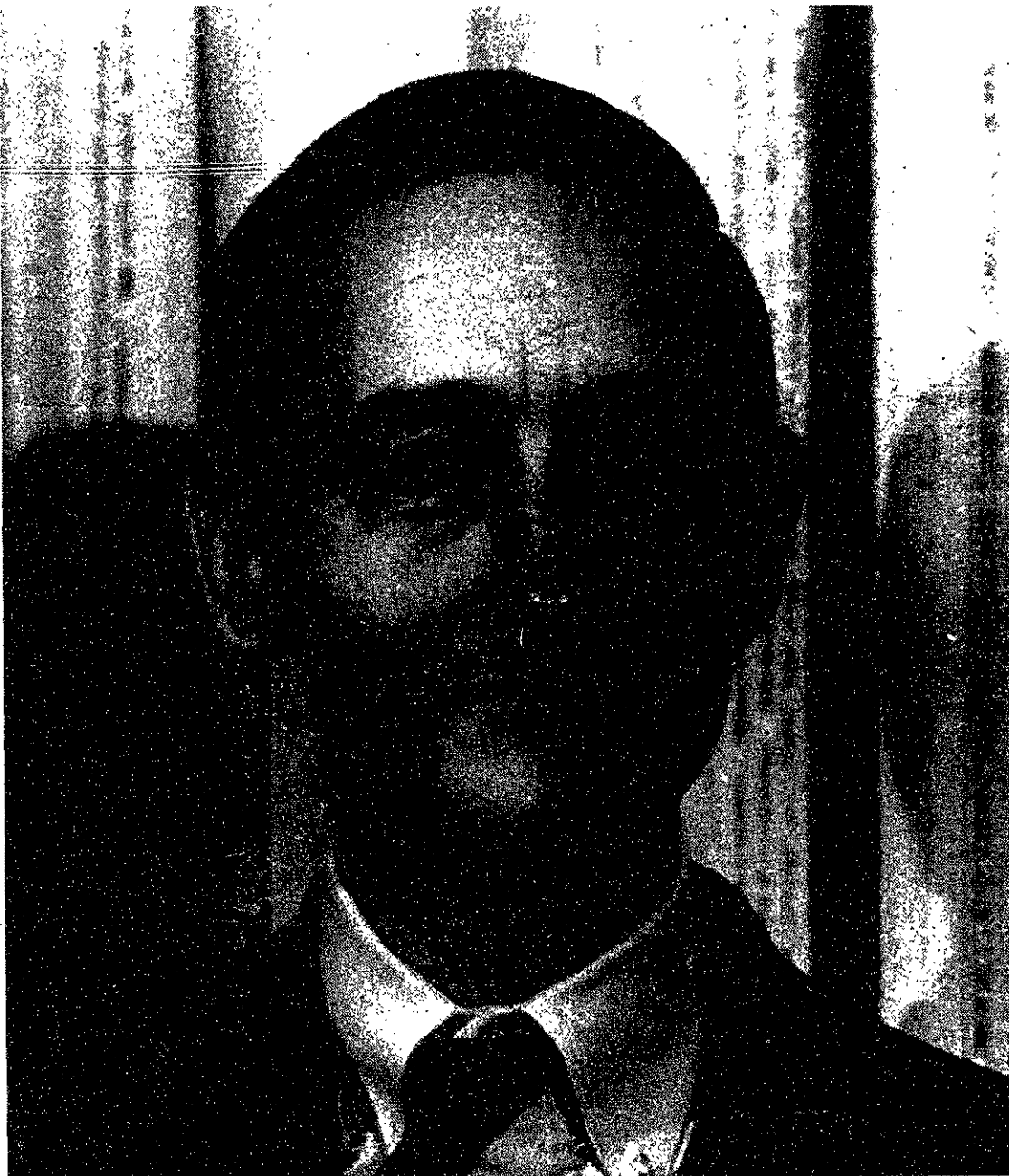
Let me give you an example. Professor [Daniel S.] Kemp in chemistry, as you probably know, has been involved in the development of several subjects during his tenure at MIT. At the same time, he's a great scholar in protein chemistry and synthesis. So he has in my estimation dual achievement. And when people are going to be thinking about the criteria for advancement, and the assessment of quality in the educational contribution, I think we have to be looking at what they have done to be innovative in the educational sector, in a manner analogous to the evaluation that we carry out — we look for innovation, we look for creativity in research. We ask, has this person created a field that others are jumping into? Who's reading their papers, and being inspired by the new work? That's what we're going to be looking to in educational initiatives.

**Q:** That's a much harder thing to put a handle on in education.

**A:** In the educational process it's harder. Oftentimes it takes a little longer. But we give people a pretty good run at making tenure here, in terms of time. One has to be informed about tenure no later than the end of the seventh year. That means that the evaluation begins earlier.

**Q:** So what's going to happen to your research group?

**A:** The research group is currently fairly large, 25 people. We're not going to be able to turn it off immediately, and I don't want to turn it off immediately. I have a number of excellent students who are working with me. So far, no one has come to tell me of their termination. I've invited all of them to come speak with me regarding their progress. Some have already discussed with me their plans for graduation. Others that are earlier in the program want to change advisors, and I can certainly understand that.



Sean Dougherty/The Tech

Provost Mark S. Wrighton

**Q:** Do you think that faculty make an effort to isolate themselves from the students, from undergraduates?

**A:** I take that as an example, but I remember I had been at MIT for ten years and had somebody ask me, "Are you still working here at night?" And, "Why do you have to work on Saturday?" I think that it isn't simple to transmit this kind of information, but what I know is that we've done an inadequate job, and if the public is to remain a strong supporter of our enterprise I think they ought to know what they're buying into.

**Q:** That sort of segues into planning at the federal level. For example, the National Science Foundation seems to be more interested in funding education at the expense of research.

**A:** But that doesn't mean that we're going to be cut out. In fact, I'm very proud of the activities of people in the chemistry department — Jeff Steinfeld, Keith Nelson, those in the biological chemistry group — these people have pulled together the new initiative for undergraduate [chemistry] laboratories to bring into the laboratories state of the art research-oriented experiments that acquaint people

as possible to their schedules, [and] know that it's difficult for incoming students to take time away from whatever they're doing.

**Q:** Do you think that having more on-campus housing, and more dormitories instead of fraternities, which is part of the freshman housing proposal, is part of that in any way? Is that tied to this issue?

**A:** I think housing is a very important issue. I myself would favor more on-campus housing. I like it because I think it promotes collegiality. It makes it easier for everyone to participate in community activities which would be taking place on campus. I think it makes it logistically easier. I realize that the tradition of some of the fraternities is quite strong; they represent important components of the living-group situation. But I really like the notion of us being a community, and it's hard if we're separated by n Smoots or whatever.

For international students who are coming great distances to come here, I think it's especially important that we make clear that they will be able to get housing, and, to take the graduate student side for just a moment, I think for international

# news roundup

from the associated press wire

## World

### Hostage dies of heart attack

A British hostage used by Iraq as a "human shield" is dead. Western diplomats say 65-year-old Ronald Duffy died of a heart attack yesterday as former British Prime Minister Edward Heath was working to get some 200 Britons released.

Meanwhile, an Iraqi-American group says Iraqi President Saddam Hussein has agreed to free as many as 17 of the 50 sick and elderly Americans from among the hundreds of US citizens still detained in Iraq. Yesterday, Saddam asked the Iraqi parliament to consider allowing all French citizens to leave.

### US enforces UN trade embargo

A Navy spokesman in the Persian Gulf says it looks like an Iraqi merchant ship may have tossed its cargo overboard rather than turn back from its course yesterday. American and Australian sailors halted and boarded the freighter after it ignored orders to return to Iraq. The ship had been carrying plywood and steel in violation of international trade sanctions, but since it turned up empty, the vessel was allowed to continue on the Yemen.

### Pill could be replaced

The World Health Organization says weekly hormone injections for men could be more effective than the birth control pill. The hormone preparation stops sperm production, causing few side effects. The agency's year-long research involved 271 men from seven countries and reported only one pregnancy. The WHO is developing more practical ways of dispensing the hormone.

## Sports

### Reds sweep A's; Davis injured

Thousands of Cincinnati Reds fans turned out yesterday for a parade to honor the team's four-game sweep of the Oakland A's in this year's World Series. Baseball lovers jammed the city square to cheer and throw confetti on the players as they rode by in red convertibles. Some fans showed their obvious pleasure by waving broomsticks in the air.

According to the doctor attending Eric Davis, the Reds outfielder suffered a tear in his kidney when he tried to make a diving catch in the final game of the series. Davis is in stable condition in the intensive care unit of an Oakland hospital, and will be confined to his bed for the next few days, followed by a prolonged bed rest and limited activity for several weeks.

## Nation

### Bush vetoes civil rights bill

President George Bush says he deeply regrets having to veto a major civil rights bill. The bill was designed to compensate for recent Supreme Court decisions viewed by some as setting back the cause of racial justice. Given the vote in Congress, it is likely that the veto will stand.

The president said that the temptation is strong to support any bill with "civil rights" in its title, but he contended that the bill used a maze of legalistic language that would have driven employers to adopt hiring quotas. Bush failed to sell lawmakers on a watered-down proposal that he believes gives employers a fair chance to fight charges of job discrimination.

Democrats are wasting no time in pouncing on the veto. Senator Edward Kennedy (D-MA), a primary sponsor of the legislation, called the veto "tragic and disgraceful," adding that "When the chips are down, the White House is against civil rights." Sponsors of the bill are urging Congress to override Bush's veto.

### Budget negotiations ongoing

Budget negotiators on Capitol Hill are still wrestling over new tax proposals. Democrats are reportedly considering dropping their demand that millionaires pay a surtax, because GOP lawmakers are ardently against the idea. Both sides have suggested raising the income tax rate for the richest Americans from 28 percent to 31 percent.

### Genetic parents awarded custody

Surrogate mother Annas Johnson says she is "heartbroken" and "in a deep state of mourning" for her son after a Los Angeles judge ruled in an unprecedented custody case that the little boy belonged with his genetic parents, Mark and Crispina Calvert. The judge said that shared custody would "split the child emotionally." The Calverts paid Johnson \$10,000 to bear their child. Johnson is vowing to appeal the decision all the way to the Supreme Court to regain custody of the baby.

### Luken subject of House probe

The House Ethics Committee has voted to investigate new charges of sexual misconduct against Congressman Donald A. Luken (D-OH). The committee received evidence indicating that Luken may have made unwanted advances on a young congressional employee. There has been no comment from Luken, who was ordered to appear before the ethics panel yesterday. Luken was convicted last year of a sex offense.

### Environmental bill gains support

A major environmental bill appears headed for full congressional approval. House and Senate negotiators have signed off on a clean-air bill after more than a year of bargaining. One provision would require a cut of 15 percent in smog-causing pollutants within six years and tighten pollution controls on cars, factories and power plants. It is expected that the bill would eventually cost the nation \$22 billion each year.

### Oil prices finally falling

Steep oil prices are taking a tumble back downward. The price for a barrel of oil plunged by more than \$5 yesterday on the New York Mercantile Exchange to close at \$29.38, the biggest one-day drop in the Exchange's history.

### Superman proposes to Lois Lane

Lois Lane is finally getting her man after 50 years of trying. Superman will pop the question in the Nov. 1 issue of the *Superman* comic book, and Lois will say "yes." The comic book's editor says this storyline was inevitable. Superman, in his guise as Clark Kent, will propose after he is exposed to red kryptonite and loses his powers. But no wedding date has been set, because Superman will have some thinking to do when he regains his powers.

## Local

### Abortion groups make endorsements

Massachusetts Citizens for Life has urged its members to vote for Democratic gubernatorial candidate John Silber in November. The group says Silber is a clear but troubling choice, since he has said he would uphold existing abortion rights. However, unlike GOP candidate William Weld, Silber does not favor a state constitutional amendment to guarantee abortion.

Mass Choice, the abortion rights group that proposed the amendment, endorsed Weld last week.

## Weather

### Rain returns to Boston

A cold front moving through New England today will bring clouds and rain for today and early tomorrow. Clearing skies behind the front will be the story for late Wednesday and Thursday. Temperatures will fall back to normal for this time of year on Thursday.

**Tuesday afternoon:** Rain. High 60°F (16°C). Light southeasterly winds.

**Tuesday night:** More rain. Low 52°F (11°C). Winds, still light, shifting to southwest.

**Wednesday:** Rain and clouds in the morning. Then clearing with partly sunny skies in the afternoon. High 64°F (18°C). Low 45°F (14°C).

**Thursday:** Cooler. Skies generally clear. High 57°F (14°C).

Forecast by Yeh-Kai Tung

Compiled by Karen Kaplan

### THE EMILE BUSTANI MIDDLE EAST SEMINAR

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# opinion

## LETTERS TO THE EDITOR

### Resolution possible in Wolfe decision

President Charles M. Vest has already charged us to learn about the human element of science, in addition to math and engineering ["Moving the Institute forward into the next century, Charles Vest thinks globally," Oct. 19].

But MIT is kicking out the brilliant teacher of Introduction to Psychology (9.00), which is one of the most successful attempts to examine human issues in science.

Jeremy M. Wolfe PhD '81 was denied tenure last spring by the council of the Whitaker College of Health, Sciences, and Technology, most of whose members have no direct contact with Course 9 or familiarity with Wolfe or his work. Wolfe has been told he must leave MIT by June 1991.

Introduction to Psychology, a HASS-D course with an enrollment of about 550, is the most popular voluntary course at the Institute. It consistently receives the highest ratings in the *Course Evaluation Guide*. That's no surprise, since Wolfe is not only an inspirational and gifted teacher and brilliant researcher, but one of the rare professors who truly cares about students, and helps students love to learn.

This year an unprecedented number of students were lotteried out of numerous HASS-D courses: Suddenly, there are not enough spaces in the classes for the students who are required to take them.

If Wolfe leaves, 9.00 as we

know it will be gone. This will leave at least an additional 500 students per year in search of non-existent HASS-Ds. So in addition to being an intellectual tragedy, the loss of this course will potentially derail the entire HASS-D system.

In addition to teaching 9.00, Wolfe administers the Program in Psychology at MIT, and is the advisor for all psychology majors and minors at the Institute. Without him, there will be no psychology program, making MIT the only top-ranking major university without one.

Not only would psychology majors and minors be left stranded, but also the hundreds of students who each year concentrate in psychology. And a major strand of intellectual endeavor would be lost.

So why do we need psychology here? Why do we need teachers committed to teaching? Shouldn't they be spending their time on research?

All of us, regardless of our field of study, will need an understanding of human behavior.

At this year's presidential convocation, Paul E. Gray '54, now chairman of the MIT Corporation, asserted that an excellent science and engineering education will not alone suffice for future leaders of the scientific community.

He challenged incoming students to also learn about human behavior and interpersonal dynamics, skills that will be

absolutely vital for people working in an increasingly global community.

Vest, in Friday's *Tech* interview said, "I believe engineers must understand more about the societal context in which they practice their profession. I personally believe that not just at MIT, but in general, that the undergraduate curriculum needs to be broadened a little bit. I think we need to work with our colleagues in humanities and social sciences to better define what we mean by that."

Nonetheless, tenure decisions at the Institute are based almost solely on research. At the age of 35, perhaps Wolfe has not yet won a Nobel Prize, but his vision research is world class.

That should not, however, be the only issue. If MIT is an institute of higher learning, and not merely an industrial park, tenure decisions must have more to do with teaching, and with contributions to student life.

Wolfe teaches a huge lecture class that virtually no one skips. He has taught me and countless other students that both learning and teaching can be a rewarding and enjoyable experience. And he cares.

This style should serve as a role-model for other faculty, rather than be eradicated. The new administration now has the opportunity to take a bold step. Students, let the new president and provost know your feelings about this issue.

Rebecca Kaplan '92



# The Tech

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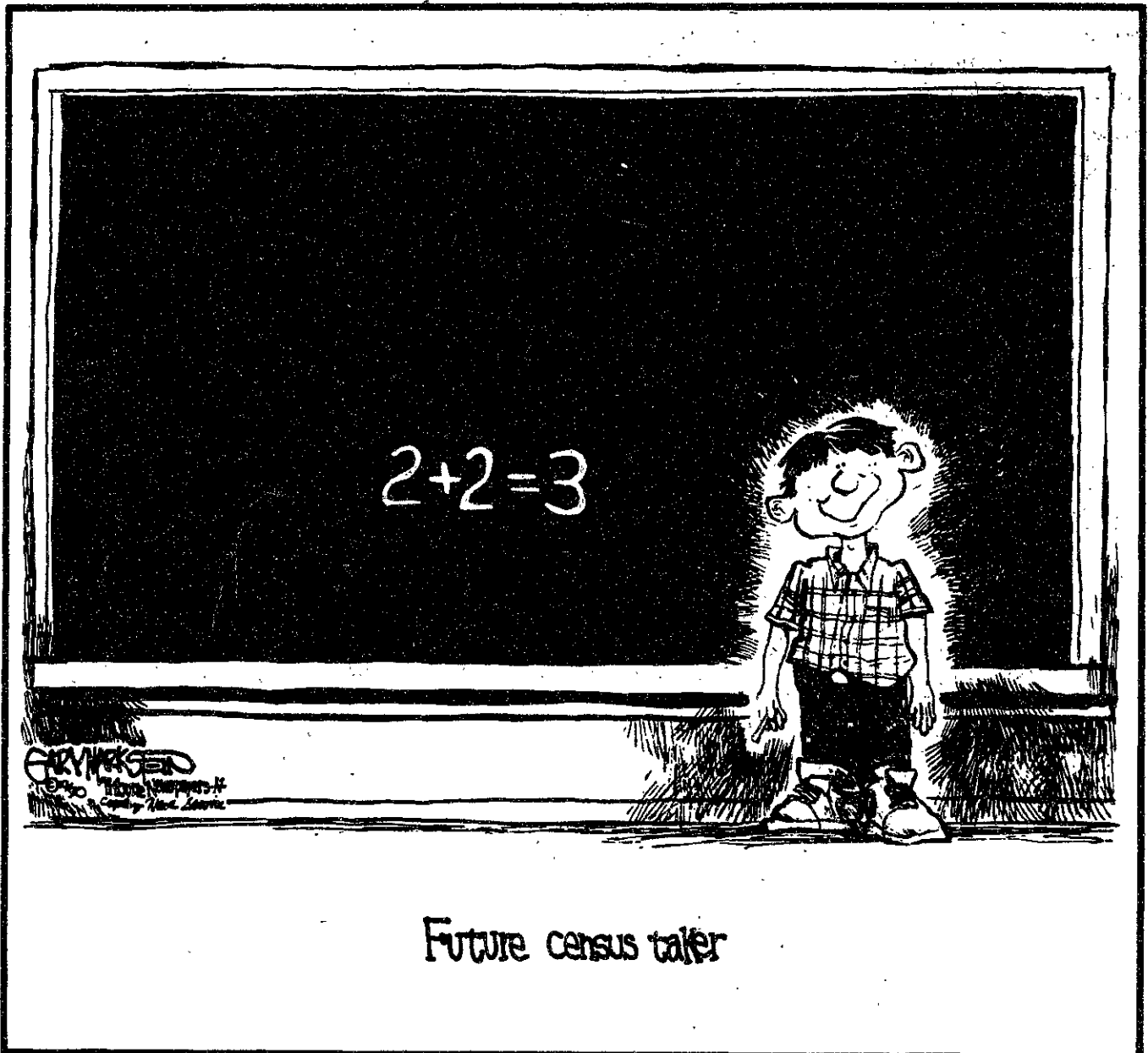
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### Elimination of ROTC will not change policy

The current faculty plan concerning the relationship between MIT and the Reserve Officers' Training Corps is misguided. Cutting MIT's ties with the ROTC program will do nothing to change Department of Defense policy; it will only hurt those students who want to attend MIT and participate in ROTC.

As the MIT Committee on ROTC chairman, Alvin W. Drake '57, stated recently in the *The Tech* ["Faculty approve timetable for ROTC," Oct. 19], the battle

to reverse the offending policy is not with ROTC or the DOD, it is "with Congress, [and] the people who send those people to Congress." Then why the attack on ROTC and its members?

Former Provost John M. Deutch '61 made an important point at the recent public forum on this issue. He made the observation that at this time Congress would not pass a law removing the policy against homosexuals in the military. In fact, if the Department of Defense changed the

policy today, Congress would probably pass a law reinstating the current policy.

Therefore, the real battle is not going to be here on the MIT campus, it will be in the hearts and minds of the voting public. Not until there is a significant change in the moral values of the general public will change take place. MIT would best serve the goal of full participation not by attacking ROTC and its student members but by doing its job — educating.

Tim Townsend '90

# opinion

## Calendar changes fail to address problems

Guest column by Alex Solis

Most people may not have really noticed that the academic calendar this year will give them cause for a little discomfort.

Last year a faculty ad hoc committee decided that MIT's academic calendar needed some adjustments. The biggest problem with it was that there was not enough time at the end of both semesters to give a lot of exams, and too many students were having exam conflicts.

In addition, the reading period was too short, and the exam period was a cause of record-breaking stress levels among MIT students.

With the above problems in mind the ad hoc committee set out with the noble cause of solving them.

Now, thanks to the innovative changes made by the ad hoc committee, there is an extra day of finals, and one less day of reading period in the fall term. In the spring, President's Day vacation is one day shorter, Registration Day is now on a Thursday, the short break after Independent Activities Period has been terminated, and the reading period remains as short as it ever was.

MIT's reading period is meager. Each class at MIT covers an ample amount of material. Three or four days is just not enough to adequately review and prepare for as many as four (and sometimes five) finals, particularly with the workload associated with each course. In fact, compared to other universities, our reading period is virtually non-existent. Harvard University has a reading period of two weeks. We need more time than we currently have.

The most unwise change by far was moving Registration Day on a Thursday. This erroneous move will have serious ramifications. In order to cover financial burdens many students work during IAP. Employers like their employees to work full weeks, not to say: "Oops, sorry but I can only work until Wednesday; I have

Alex Solis '92 is chairman of Undergraduate Association Student Committee on Educational Policy.

Reg Day, you know!" Second, many students have taxing projects in the Undergraduate Research Opportunities Program or take 12-unit courses during IAP and the four-day vacation which follows IAP is a good chance to rest, visit family, or prepare for the beginning of the next term.

For both of the above reasons, I predict a very low turnout on Registration Day. I know I will not be there. I will be home. What is the point of traveling to MIT for one single day of classes (Friday), when nothing happens on the first day of lectures? In fact, most recitations are on Friday, and there are no recitations in the first week of classes. So why come back (or stay at) MIT when you could spend some time at home, or earn more money by working a full week? You can always register on Monday.

I personally praise this ad hoc committee for having taken the initiative to try to solve the problems that were inherent in the old calendar. Unfortunately, the changes that resulted solve very little. There are other problems besides abundant exam conflicts. Student stress, which was an important issue in bringing the calendar changes about, will remain as high, if not higher.

Perhaps what made the attempt by the faculty fruitless was the way in which the problem of the calendar was approached. The root of the problem of exam conflicts is the increase in the number of final exams due to the School of Humanities and Social Science policy that all HASS-D subjects give finals. This policy falls just short of being completely silly. It was used as a magic tool to make the humanities program harder and thus more respectable, not as an educational tool. HASS professors should be allowed to choose what is more appropriate for their respective classes, not be forced to implement final exams that sometimes take the form of multiple-choice tests, mindless memorization games, or only count 10 percent or less towards your grade, and only give you additional stress.

The reading period would not be so bad if the last week of classes was used for

what it really should be — review. MIT classes cover a vast amount of material, and I think reserving the last couple of lectures to summarize and bring the material together would be very beneficial. Instead, new material is usually taught until the last lecture, and since there are rules against having problem sets due during the last week of classes (you can find these rules printed on the exam schedule booklet), we often have to go through that "optional" problem set, that often carries "optional extra credit." One thing we can be sure of is that the material covered in this "optional" problem set will be in our not-so-optional final exam.

Although the present calendar is only an "experiment," it will remain in place until 1993, and it clearly leaves many problems unsolved. The ad hoc faculty committee

attempted to solve some of these problems but the reason they could not was that they found it impossible to alter many of the factors that affect the calendar. IAP falls under the jurisdiction of another committee, as does Residence/Orientation Week. The issues of HASS-D finals and workload are controversial and needed further discussion. Major calendar reform collided with almost every single current educational issue. Was this a good reason to refrain from the necessary changes? On the contrary, it was a better reason to push for major calendar reform. Major calendar reform presents us with the unprecedented opportunity to force MIT to come face to face with its educational issues.

Faculty and students should not put off calendar reform, for we need it now, not in 1993.



### LETTERS TO THE EDITOR

## Column oversimplified, misunderstood North Korean issues

Matthew H. Hersch '94's recent column ["Japan buys time in Korea," Oct. 19] is an interesting piece about an issue of great interest to the world today: the survival of Marxist-Leninist governments in Asia. Hersch asserts that Japan is poised to foster close economic relations with North Korea at a time when it should be striving to undermine it.

Unfortunately, most of the arguments in this article are questionable. Hersch writes that North Korea is isolated and is ready to be squashed into oblivion.

The People's Republic of China is a close friend of North Korea. The Chinese leadership is concerned about the ramifications of the collapse of pro-Soviet governments in Eastern Europe and the process of democratization in the Soviet Union.

It is not surprising, then, that China is trying to cement close ties with North Korea and overcome enmities with Vietnam.

Hersch states that a meeting between Japanese and North Korean leaders resulted in a "pseudo-treaty" which promised financial compensation for Japan's domination of the Korean peninsula "during World War II."

The joint declaration that was issued by the Liberal Democratic Party, the Japan Socialist Party, and the Korean Workers' Party stipulated that the Japanese government should apologize to

North Korea for the brutal occupation of the Korean Peninsula by Japanese militarist authorities from 1910 to 1945, and that there should be agreement on compensation in the course of negotiations to establish diplomatic relations between the two countries.

Japanese compensation to countries which were subjected to its rampant aggression is not only reasonable, but absolutely necessary, regardless of the type of government in power.

When Japan established diplomatic relations with South Korea in 1965, it paid large reparations to the government of Park Chunghee, who had seized power in 1961. The South Korean government was not democratic, but Japanese assistance and competition with Japanese industries have contributed to the rapid

growth of the South Korean economy in the past two decades.

South Korea has been undergoing a process of democratization which might not have been realized had the economy not been as successful.

Japan recognized the People's Republic of China in 1972 and paid compensation to the Chinese government. Maoist China in 1972 was far from being democratic, but these steps have helped to cement close economic and diplomatic ties between the two countries, thereby contributing to security in Asia.

Hersch writes that North Korea waged a war against a member of the United Nations. This is not true. North Korea has waged war against South Korea, which has never been a member of the United Nations.

South Korea would like the North and South to simultaneously join the United Nations as two separate states, and would like cross recognition (i.e., recognition of South Korea by the Soviet Union and China, and the recognition of North Korea by Japan and the United States).

Japan's currently non-existent plan to aid North Korea is not an appeasement to a monster that it fears. Japan does not fear North Korea. If it did, it would have sought diplomatic relations with North Korea earlier; it has now been 45 years since the end of World War II.

Why have Japanese legislators decided to offer aid to North Korea instead of attempting to displace Kim Il Sung? There are two answers to this question, and both are equally valid.

First, the legislators would derive great benefits from this scheme. The mere promise of negotiating has already secured the release of Japanese prisoners.

North Korea is the only country in the world (excluding Taiwan) with which Japan does not maintain diplomatic relations. This means that North Korea is the only country in the world to which Japan cannot give foreign economic aid.

In general, economic aid is a tremendous windfall to the big businesses in the donor country. Big businesses benefit in the form of preferred contracts for large projects funded by the aid program. North Korea is especially

attractive because Japan occupied it for a long time, during which the Korean people were oppressed.

This calls for a large compensation, which means a larger windfall for Japan's big businesses, and the LDP politicians who enjoy a cozy relationship with them.

The second, equally important answer, is that an onslaught of officially sanctioned Japanese money will probably materialize several years from now, around the time of the death of Kim Il Sung, who is approaching 80.

Kim Il Sung has been able to perpetuate the personality cult only by monopolizing all sources of information and convincing the masses that they live in paradise.

The introduction of Japanese money and industry will greatly undermine this farce at a time when the North Korean leadership is attempting to complete the difficult transition to the weak and erratic Kim Jongil.

In short, North Korea's plan to seek diplomatic relations with Japan indicates that Kim Il Sung has finally decided to take his largest risk since the Korean War; he is trying to open up his country to salvage the economy, while hoping that economic cooperation will not seriously undermine his regime. Meanwhile, it appears that Japanese politicians have little to lose by playing along.

Fumitomo Hide '91

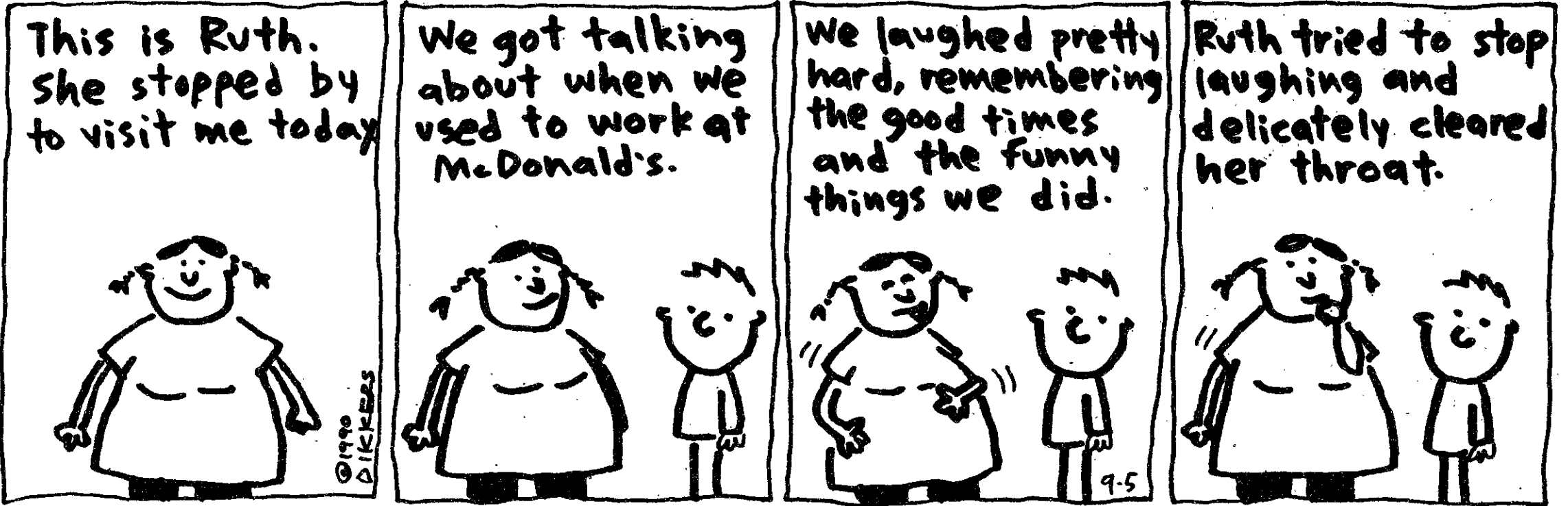
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# comics

## Jim's Journal

by Jim



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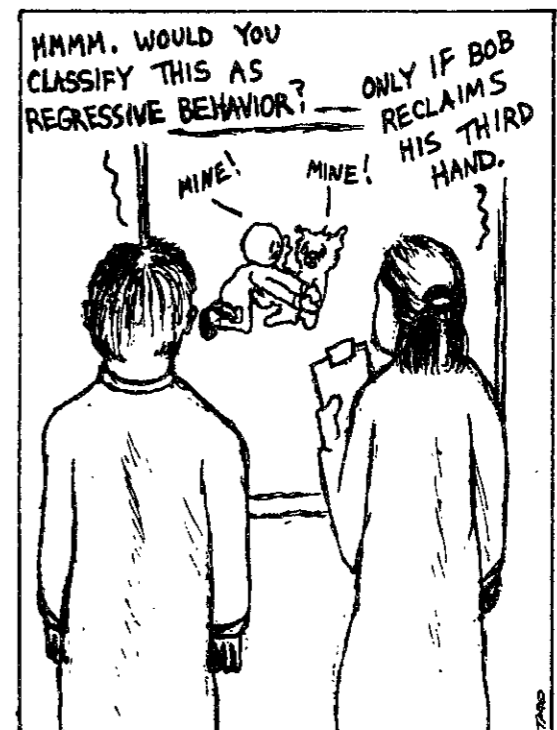
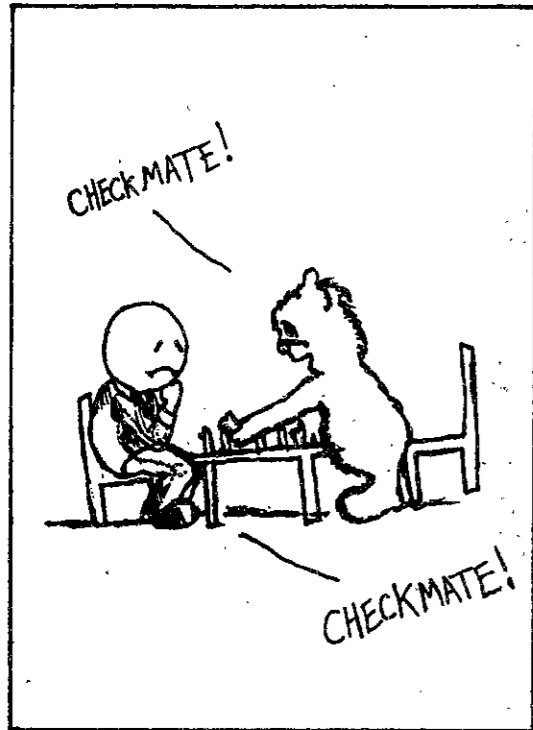
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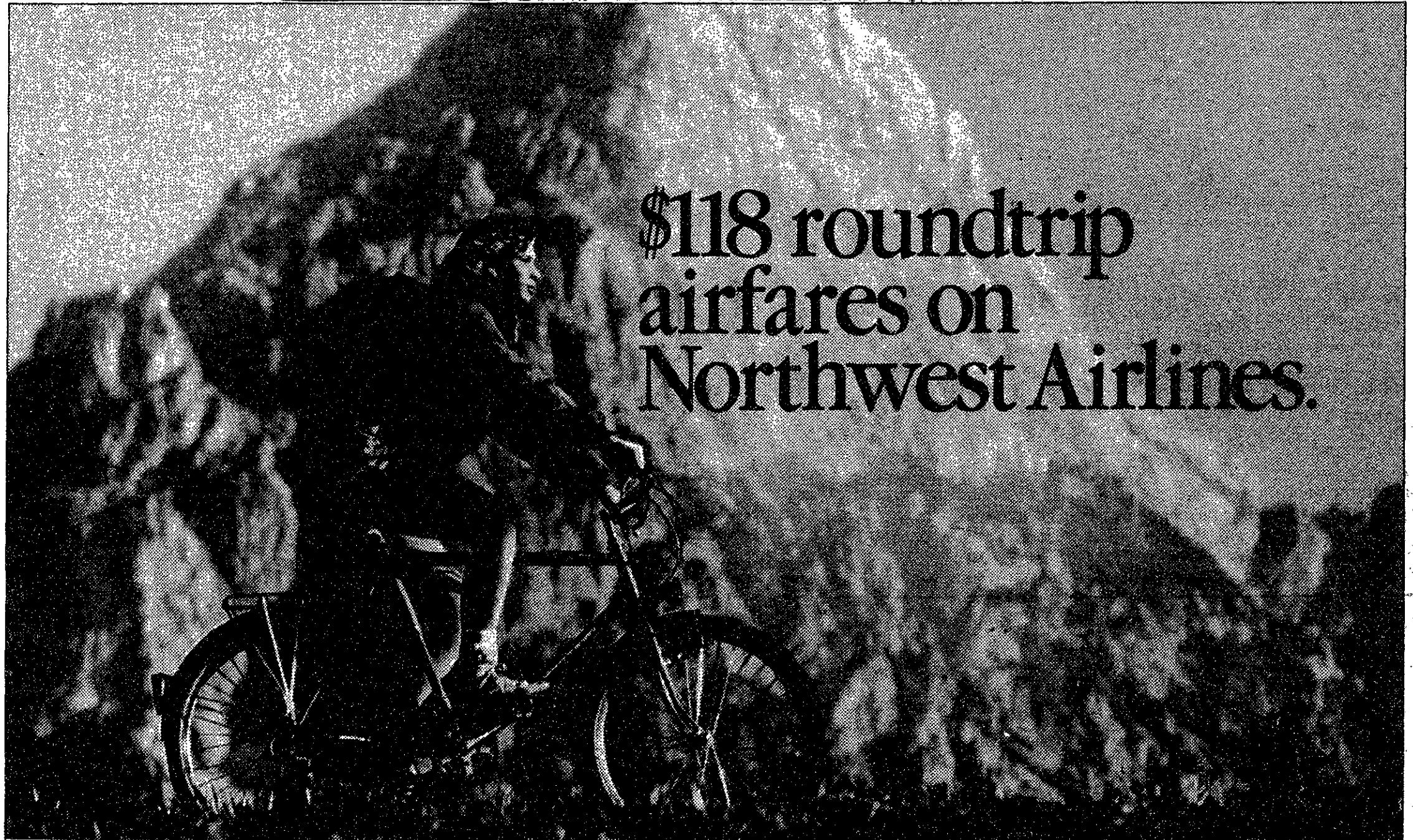
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# As You Like It is much more than just likable

## AS YOU LIKE IT

By William Shakespeare.

The Shakespeare Ensemble at MIT.

Directed by Kermit Dunkelberg.

Starring Christopher A. Crowley G,  
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Swieringa '91.

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By KEVIN FRISCH

**W**HEN REVIEWING A PLAY, one must consider both how the playwright and the players affect the performance. Often it is quite a tricky thing to know which is responsible for various elements of the play. But if the playwright happens to be Shakespeare, things are somewhat simplified, for it can then be assumed that the script is close to perfect, leaving the cast to bear responsibility for any deviations from a flawless performance.

This is perhaps the greatest challenge of performing Shakespeare — not so much the language or the other details so often complained about — but of realizing all of the vast potential of the script. The Shakespeare Ensemble at MIT, in their production of *As You Like It*, came as close to this as I have seen since the British television production of *King Lear*.

In the comedy, Orlando (Greg Swieringa '91) flees into the forest to save his life, but not before he wins the heart of Rosalind (Maria Cheryl S. Casquejo '91). Rosalind soon follows into the forest, disguised as a man, to find her love. With her, she takes Celia (Deborah Wells '92) and the clown, Touchstone (Christopher A. Crowley G). In the forest there is already a banished duke and a bunch of lords, all living "like the old Robin Hood of England." Once in the woods, everyone runs into everyone else, resulting in a plethora of people falling in love with each other, along with occasional bursts of merry songs.

Usually, when reviewing a play, I scribble



Christian S. Marx/The Tech

Silvius (Brecht Isbell '91) professes his love for a young shepherdess to Corin (Harry Teplitz '91).

ble down various notes to myself. So, as the lights dimmed for the opening night of *As You Like It*, I was all prepared, with pad and pen in hand. But as the play unfolded, I found I had no desire to write anything down, not because I didn't have anything to say, but rather because I was unable to resist the growing temptation to become absorbed in the play.

Almost all of the actors and actresses put on worthy performances, but there were a few who were exceptional by any standard. Crowley, as the defecting court clown, skillfully used a myriad of facial expressions and excellent body language, constantly poking fun at — and occasionally outright mocking — almost every character he came into contact with. He managed to be funny, with almost slapstick performance; at the same, he man-

aged to keep his character from appearing to be a mere goofball. Rather, he subtly showed that he possessed more insight than one would have expected.

Casquejo also gave a marvelous performance, as she easily shifted roles from Lady Rosalind, daughter of a Duke, to a woman disguised as a man native to the forest, to matchmaker and advise-giver, and finally to Rosalind in love. Much like Crowley, Casquejo did not overplay the part, but rather worked with her lines, appearing to be truly distraught over the possible loss of her love, but working hard to hide it — and her true identity — from those around her.

Another fine performer was Brecht Isbell '91, who, with only a small part, seemed exceptionally comfortable and natural on stage, especially as he was flexing

his muscles at the audience in preparation for the wrestling match. Deborah Wells '92, also had a nice presence, as she mostly stood by, very at home on stage, her character entertained by the lovestruck Rosalind.

Jennifer L. Duncan '91, playing "a melancholy Lord" in the forest, was able to really bring down the mood of the play every time she walked on stage. This is a credit not only to the manner of the delivery of her lines, but also to her drooped shoulders and sluggish trudge on and off the set. Lindasusan Ulrich '91 rounded out the performance nicely with her frequent songs, and wonderful portrayal of Hymen, the god of marriage, at the end of the play.

Director Kermit Dunkelberg should also be commended for preventing the actors from doing pointless things on stage when they had no lines. Often directors seem to have a need for the actors to always be doing something on stage when they are not speaking. This appears foolish at best and can become so bad as to be quite distracting. Dunkelberg achieves and holds a balance of natural acting throughout the play, with each player's action having some sort of purpose.

Other smaller things also contributed to the success of the play. The program showed good planning by having an additional page of "director's notes" which gave a brief overview of the the play, a little vocabulary lesson, and some other interesting tidbits about the play. This was useful, giving the audience a head start on a play that some might otherwise have found a little confusing. There were even some "special effects," like leaves suddenly adorning previously bare trees, and a moon projected onto the backdrop, appearing to indicate the nighttime scene. The small orchestra which merrily played on occasion was also quite pleasant.

Overall, the MIT Shakespeare Ensemble's production of *As You Like It* is a well-acted, well-directed, highly entertaining play — an excellent use for a \$5 bill.

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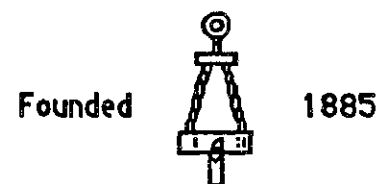
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Cargill	ICI Americas	Novell
DuPont	Lockheed	Raychem
Ebasco	Los Alamos	Texas Instruments
Encore Computer	M&M / Mars	SRI <i>And More</i>

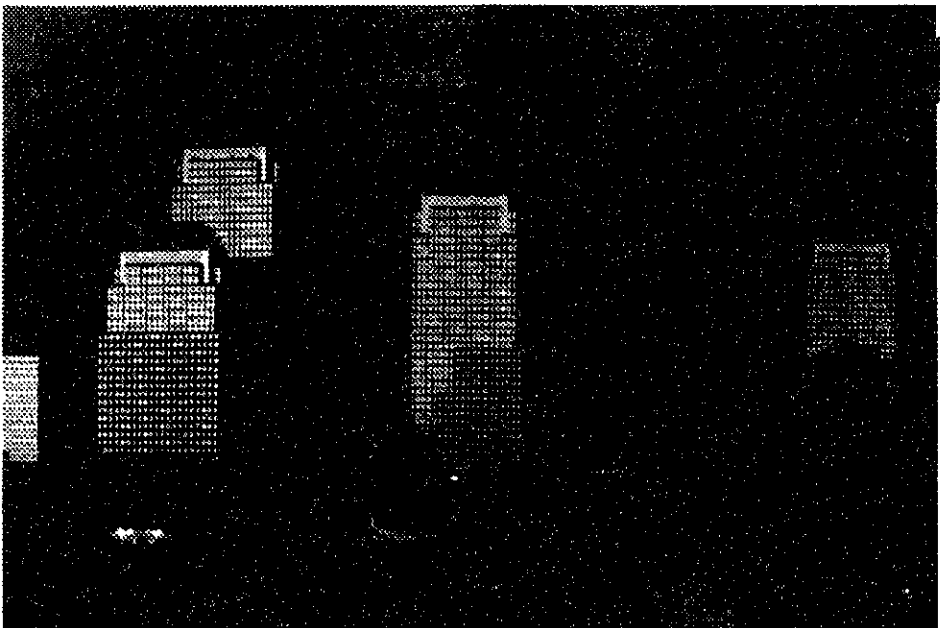
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# Eno: more songs about meaning and/or love

**BRIAN ENO  
JOHN HOCKENBERRY**

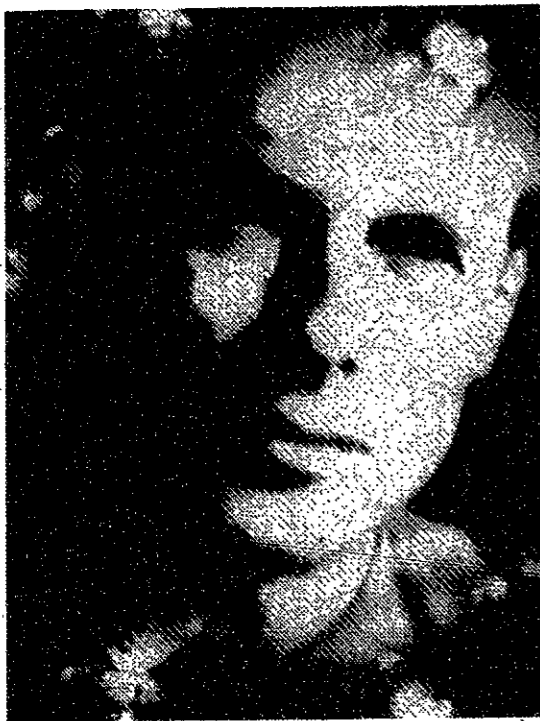
A lecture at Anderson Auditorium,  
School of the Museum of Fine Arts,  
October 21, 5:30 pm.

**WRONG WAY UP**

Brian Eno and John Cale.  
Opal/Warner Brothers Records.

By BILL CODERRE

**B**RIAN ENO is an invisible giant of rock music. An alumnus of *Roxy Music*, who has worked with many of rock's legends—Talking Heads, U2, DEVO, and David Bowie—both as producer and musician, Eno has influenced rock in a much more cerebral way than many of the other "influential" artists critics might cite.



But Eno also has produced a substantial and diverse body of solo and collaborative work. With David Byrne of Talking Heads, he produced *My Life in the Bush of Ghosts*, a collection of what would later be called "dance mixes," both years before the trend, and even long before sampling synthesizers. Its twisty, stuttery vocalizations were created entirely with tape splices.

Eno's Ambient Music series pre-saged New Age music, and many critics find his work among the best of the genre.

Eno's fans, though, seem to revere his peculiar brand of progressive rock music the most. The fact that Eno got Robert Fripp, zen guitar master, and Phil Collins, Michelob commercial and drum master, to work on one of his songs together, is unusual enough. The fact that his song is called "The Paw Paw Negro Blowtorch," and concerns itself with a love triangle involving a man from New Jersey whose breath ignites whatever it touches, makes it downright peculiar.

Eno gave up rock music, seemingly with disgust, shortly after his fourth solo rock effort, *Before and After Science*, and devoted himself to his Ambient work, later expanding its vocabulary into gallery installations featuring audio produced by tape loops and video monitors used both as picture displays and light sources. Last week, he released a new album—a rock album—with former Velvet Underground founder John Cale, also an artist-musician.

Brian Eno is also peculiar in that he is not only willing but eager to talk about his work, not in the typical clichés of rock music, nor in the defensive jargon of art-speak, but in terms more like, well, an engineer might use. Sunday evening he spoke to a crowded lecture hall at the Museum of Fine Arts Museum School, returning to a tradition of lecturing about his work rather than performing it.

Eno: "I like to talk about my work so that my fans don't revere me so much. It proves that I can talk, and also helps remove some of the mystery surrounding the way I work."

In the course of the evening, Eno delighted the audience with a bevy of shrewd observations about music, politics, high art and deceptive behavior patterns in chimpanzees. (*Attention Enophiles: Although every pain has been taken to report Eno's words as spoken, we were prevented from recording the talk. We were informed that National Public Radio intends to broadcast the talks in the future, though.*)

## Talking about Music

Eno creates his rock music in a decidedly peculiar way. An art school graduate who cannot read music and has little skill playing it, he relies on a deck of oracle cards he developed with painter Peter Schmidt, his "Oblique Strategies," for advice to get him out of situations, although he decided that they more often got him into trouble.

He recalled an incident using them during the creation of "Moscov," an instrumental break on David Bowie's *Heroes*: "We each drew a card and agreed to keep it secret, yet follow its advice. I drew a card that said, 'Change nothing and conform with immaculate consistency.' His [Bowie's] 'Fill every beat with something.' The tension created by these hidden agendas produced a song that is practically motionless, yet filled with shimmering light."

His music relies on contradictions, experimentation, constructive and destructive building techniques, and unlikely methodologies. He is equally likely to run tracks through his ancient synthesizers (which he never has repaired, allowing them to develop individual personalities), instruct his guitarists to play "like a swarm of needles," or record album-length pieces based on four tape loops allowed to go in and out of phase.

Eno's music, therefore, is fundamentally based on process. Unlike the Sixties' experimental music trend of Process Music, though, Eno's music—both Ambient and pop—succeeds as entertainment as well as art. Eno: "Process Music had a fundamental disregard for its inputs, as if the process were more interesting than the product. My first experiments were feeding different inputs into existing processes; different styles of music 'reconfigured' by the process, to see if the musical energy will survive this 'mincing.'"

To prove the point, he played a selection of Pachelbel's "Canon in D" from his solo album, *Discreet Music*, where each part slows down during the piece at a different rate. An idea much too simple for many Processists, it yields a piece that "the listener hears in three stages: first, as the Canon; second, as almost a 'theme and variations' on the work; and third, as something entirely different." Like Steve Reich's "It's Gonna Rain," it soon becomes entirely unlike the original work, yet both entertaining and aesthetically pleasing.

Eno: "The difference between high art and low art is that low art is unafraid to appeal to the senses, and high art is suspicious of the delicious, as if one were being seduced for impure reasons."

He went on to analyze recent art criticism as "an attempt to defend the boundaries of high art, to enshroud in mystery, and to define, for example, Keith Haring's graffiti as worth 30,000 pounds when other people get thrown in jail for the same thing."

Eno also offered an unusually detailed description of his method of writing lyrics. In the past, critics have argued that he didn't intend his lyrics as meaningful. Not so, said Eno: "I like to set in motion a game of interpretation, as if to create a detective story about the lyrics. I'm neither interested in declarative lyrics that leave no room for interpretation, nor in meaningless, but something in the middle, which some people call poetry."

About his composition process: "I will play back the rhythm mix, and start by singing nonsense along with it, to determine the cadence of the lyric. This bit is a machine-gun spray of words, for example, and over here is a long, drawn-out word. Then I begin to fit words to it, like a jigsaw puzzle. I want to make lyrics more in the way that people make music: by making something and then seeing what it means and how it affects people."

About his abandonment of lyrics in songs: "People seem to ignore every other part of the song. I tried to get them not to pay attention to the lyrics, by singing them very fast, and later by changing them into just raw sounds, but people still wouldn't pay attention to the music."

Later in the talk he defended dance mixes and rap music. "After all, I invented dance mixes," he says, referring to *My Life in the Bush of Ghosts*. "I really like Public Enemy, and I think that Donna

Summer's 'I Feel Love' is one of the best songs of the last ten years. It has a mechanical, Teutonic beat with that luxurious voice. Other people wouldn't think of putting such opposites together. They'd make something that sounds like Depeche Mode."

He claims he himself has been sampled: "The clubs in London are very advanced. There are now clubs called 'Ambient House' clubs, which take chunks of *Music for Airports* and *Discreet Music* and add a beat to it, at sort of a 'smooch' tempo."

Asked about the lyric-writing styles of artists he's worked with, he reported, "Bono [of U2] will show up at the studio with literally thousands of sheets of lyrics and sort of graze around them. David Byrne will try to decipher all the nonsense I sang before."

He also lauded deejays: "Deejays are the art curators of the music world. They've invented a sophisticated way of dealing with given packets of sound. They understand which songs can be segued together, what keys they are in, how many beats per minute they have. Records are their instruments."

Eno shared the stage with National Public Radio host John Hockenberry, who acted as "professional questioner" and audience coordinator. Eno and Hockenberry will travel to several more cities on this lecture tour. Peculiar, perhaps, for a rock star, but right in line with the Eno manifesto.

sistent feel all the way through. Eno and Cale alternate vocal duties, and all but one track are billed as jointly written and co-produced. It features no instrumentals and a handful of ballads, but is largely medium-tempo rock with a surprisingly rich sonority and a world-conscious, lush rhythmic mix featuring such instruments as Indian drums, Shinto bell, dumbek, and tabla. And although various studio musicians are used throughout the record, including some Eno friends from earlier albums, the compositions are most definitely Eno/Cale compositions, not collaborations among the performers.

Although no single has been announced for the album, it is appropriate to consider "Lay My Love" for these purposes. Like the remainder of the album, it features a complex, worldly "rhythm bed" (according to the liner notes) and lush sound treatment from Eno, and a melodic viola riff from Cale. Eno's lyrics are hard to ignore as meaningful, and although open to interpretation, they clearly point to a tale of love and seduction:

*I am the sea of permutation*

*I am beyond interpretation*

*I scramble all the names and combinations*

*I penetrate the walls of explanations*

*I am the Wheel*

*I am the Burning*

*And I will lay my love around you*



**W**RONG WAY UP is something of a landmark album for Brian Eno. It is, after all, his first rock album since 1977's *Before and After Science*. A collaboration with Velvet Underground co-founder John Cale, the album is very definitely their personal ideas woven together into 10 songs. Although the album sounds quite a bit like both Eno's and Cale's earlier work, it also has a surprisingly coherent sound and con-

Well, maybe not. Perhaps he's making a meta-comment about his lyrical style. Or maybe it's something else. And, as a matter of fact, there seems to be a second vocal track, submerged under the first and barely audible.

Cale's shining moment is perhaps the ballad "Cordoba" which features a lyrical viola, and a sad, minor key lyric about the death of a generous man. The sound is richly beautiful, complementing the ambiguity of the narrator's relationship with the dying man.



Eno albums usually require a "getting-acquainted period," so my comments are necessarily tentative, but already this album is one of my top five fave picks for 1990, and will appeal to Eno fans, Cale fans, and those who appreciate lighter, lush rock music. One might argue that some of the arrangements are trite, but as the *Oblique Strategies* point out, "Don't be afraid of clichés." Even if they have been done before, the album glows with a luster that is rare in the rock firmament. It is undoubtedly low art, absolutely unafraid of the sensuous seduction of the listener for all the wrong ideological and aesthetic reasons, and at this goal succeeds wildly.

CONTEMPORARY MUSIC

Peter, Paul & Mary and Stephen Still perform in honor of Senator John Kerry at 7:30 at the Wang Center, 270 Tremont Street, Boston [see also Comedy listing]. Tickets: \$25.75 and \$35.75. Telephone: 931-2000.

Celtic vocalist Jane Tubo and Steve Tillston perform at 8:30 at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Tickets: \$12.50. Telephone: 776-9667.

Toots and the Maytals perform at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

D.T. Boyz, Sanyas, Xplite, Augustine, and Lethal perform in an 18+ ages show at 9 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$5. Telephone: 451-1905.

Liquid Jesus, Hollow Hwey, and One Life perform in an 18+ ages show at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tickets: \$10. Telephone: 347-8309.

Joe and Face About Rats perform at 9 pm at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$4.50. Telephone: 426-7744.

JAZZ MUSIC

The Igor Butman Quintet performs at 9 pm at the Regattabar, Charles Hotel, Harvard Square, Cambridge. Tickets: \$6. Telephone: 661-5000.

City Shoes performs at the Western Front, 343 Western Avenue, Cambridge. Telephone: 492-7772.

The Bing Sparbidu Band performs at the Willow Jazz Club, 699 Broadway, Ball Square, Somerville. Telephone: 623-9874.

FILM & VIDEO

\*\*\* CRITICS' CHOICE \*\*\* Race the Wind, a breathtaking encounter with sea, wind, and human ingenuity, continues through November 15; and To the Limit, traveling inside the body to experience what happens when you push the limit of physical endurance, continues indefinitely at the MIT Omni Theater, Museum of Science, Science Park, Boston, near the Science Park T-stop on the green line. Tickets: \$6 general, \$4 seniors and children. Telephone: 623-6664.

The Coolidge Corner Theatre presents Fantasia (1940, Walt Disney) at 1:30, 4:00, 7:00, 9:30 and Life and Nothing But (Bertrand Tavernier) at 1:45, 4:30, 7:15, and 10:00. Located at 180 Harvard Street, Brookline, at the Coolidge Corner T-stop on the "C" green line. Films continue indefinitely. Telephone: 734-2500.

\*\*\* CRITICS' CHOICE \*\*\* The Somerville Theatre presents The Festival of Animation 1991 at 7:30 at 55 Davis Square, Somerville, just by the Davis Square T-stop on the red line. Continues through October 25 with screenings Monday & Tuesday at 7:30, Wednesday-Saturday at 7:00 & 9:30, Sunday at 7:00. Screenings Saturday & Sunday at 4:00. Admission: \$5.50 advance/\$8.00 day of show. Telephone: 623-5700.

The Harvard Film Society continues its Tuesday series Women Filmmakers with Thriller (1979, Sally Potter) and One Sings, The Other Dances (1977, Agnes Varda, France) at 5:30 and 8:00 at the Carpenter Center for the Visual Arts, Harvard University, 800 Massachusetts Street, Cambridge. Tickets: \$4 general, \$3 seniors and children. Telephone: 495-4700.

The Regent Theater presents The Exterminating Angel (1962, Luis Bunuel, Mexico) at 5:15 & 9:15 and Alphaville (1965, Jean-Luc Godard, France) at 7:15 at 7 Medford Street, Arlington, on the #77 bus line from the Harvard T-stop. Also presented October 24 and 25. Tickets: \$4 (good for the double feature). Telephone: 643-1198 or 876-6837.

EXHIBITS

Art + Architecture, an exhibition of work by part-time faculty of the Department of Art and Architecture at Northeastern University, opens today at the Gallery-Dodge Library and Richards Hall Gallery, 360 Huntington Avenue, Boston. Continues through November 30.

Wednesday, Oct. 24

CONTEMPORARY MUSIC

\*\*\* CRITICS' CHOICE \*\*\* The Red Should Band and Ultra Virus perform at 8 pm in an 18+ ages show at Citi Club, 15 Union Sq., Boston, near Kenmore Square. Tickets: \$11.50 advance/\$14.50 day of show. Telephone: 931-2000.

The Circle Sluts from Hank Muller and Love is To Burn perform in a 19+ ages show at Andy's, 13 Eastmore Street, Boston, near Kenmore Square. Tickets: \$12. Telephone: 427-2437.

Flawless, Johnny Groove, Sam Hill, Big Red Sea, and After Ego perform in an 18+ ages show at 9 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$3.80. Telephone: 451-1905.

Evans Lee and Creative Assembly perform in an 18+ ages show at 9 pm at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Tickets: \$10 advance/\$15 day of show. Telephone: 426-9545.

\*\*\* CRITICS' CHOICE \*\*\* The Igor Butman Quintet performs at 9 pm at the Regattabar, Charles Hotel, Harvard Square, Cambridge. Tickets: \$6. Telephone: 661-5000.

City Shoes performs at the Western Front, 343 Western Avenue, Cambridge. Telephone: 492-7772.

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FILM & VIDEO

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Thursday, Oct. 25

CONTEMPORARY MUSIC

\*\*\* CRITICS' CHOICE \*\*\* Andy Summers and Daisy Chain perform at 8 pm in an 18+ ages show and at 11 pm in a 21+ ages show at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

Soupdracons and The Flaming Lips perform at the Edward Pickman Center, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 254-2052.

Doro, Trouble Tribe, Box, and She So Loud perform in an 18+ ages show at 9 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$5.50 advance/\$8.00 day of show. Telephone: 451-1905.

Happy Family, Miss Bliss, A is A, and Call Paul perform at 11:30 at the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Straight From the Hip performs at the Western Front, 343 Western Avenue, Cambridge. Tickets: \$3. Telephone: 492-7772.

Steelow, The Miles, Skip Tracer, and Spot perform in an 18+ ages show at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

Crazy 8's and Wildest Dreams perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

The Black Water Junction and The Right People perform at Ed Burke's, 808 Huntington Avenue, Boston, on the 'E' green line. Telephone: 232-2191.

John Finn Group, Claude Thomas Band, and No Man's Land perform at 9 pm at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$4.50. Telephone: 426-7744.

Folk/pop guitarist Liz Brahm performs at 8 pm in the Blacksmith House, Cambridge Center for Adult Education, 56 Brattle Street, Harvard Square, Cambridge. Tickets: \$3.50. Telephone: 447-6789.

JAZZ MUSIC

The Art Farmer Quintet, with Clifford Jordan, performs at 9 pm at the Regattabar, Charles Hotel, Harvard Square, Cambridge. Tickets: \$6. Telephone: 661-5000.

Gonz performs at the Willow Jazz Club, 699 Broadway, Ball Square, Somerville. Also presented October 26 and 27. Tickets: \$8 to \$12, depending on day. Telephone: 661-5000.

CLASSICAL MUSIC

Jean Danton, soprano; Thomas Stumpf, organ/harpichord; and John Bumpstead, cello/oboe, perform such, Hand, and Mozart songs and arias as part of the MIT Necco Chamber Series at 12 noon in the MIT Chapel. No admission charge. Telephone: 253-2906.

Alea III Music Ensemble performs works by Gorecki, Berg, Schuller, Nono, and Tsontakis at 8 pm in the Tsai Performance Center, Boston University, 685 Commonwealth Avenue, Boston. Tickets: \$6 general, \$3 seniors and students. Telephone: 353-3340.

Pianist and multi-instrumentalist Eleanor Perrone performs at 12:30 in the Federal Reserve Bank of Boston auditorium, 600 Atlantic Avenue, across from South Station in downtown Boston. No admission charge. Telephone: 873-3368.

Jane Eiechtern and Company perform Bach's "Coffee Cantata," Schoenberg's "Pierrot Lunaire," and works by Satie & Edith Piaf at 8 pm and 11:30 pm at the Back Alley Theater, 1253 Cambridge Street, Cambridge. Also presented October 26 & 27 at 8 pm and 11:30 pm. Tickets: \$15. Telephone: 492-0082.

The Tufts University Symphonic Band performs at 8 pm in the Concert Auditorium, Tufts University, Medford. No admission charge. Telephone: 381-3564.

THEATER

\*\*\* CRITICS' CHOICE \*\*\* As You Like It, by William Shakespeare, is presented by the MIT Shakespeare Ensemble at 8 pm in the Sala de Puerto Rico (see review this issue). Also presented October 26 and 27. Tickets: \$6 general, \$4 seniors.

Friday, Oct. 26

CONTEMPORARY MUSIC

\*\*\* CRITICS' CHOICE \*\*\* Hereth performs at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

Noel Hooding, original bassist with The Jimi Hendrix Experience, and The Kingston Trio perform at Ed Burke's, 808 Huntington Avenue, Boston, on the 'E' green line. Telephone: 232-2191.

Nine Ways to Sunday performs at 8:15, 11:15 and 2:15 at the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Sweet Release, Naughty Bits, and Secret Sittie perform at 9 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$7.50 advance/\$10.50 day of show. Telephone: 451-1905.

Barrence Whitfield & The Savages, She Creek, and Vance Gilbert perform at 11:30 at the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Uprising performs at the Western Front, 343 Western Avenue, Cambridge. Also presented October 27. Telephone: 492-7772.

Lushkiller, Sluggert, and Feet Above the Water perform at the Western Front, 343 Western Avenue, Cambridge. Also presented October 27. Telephone: 492-7772.

Uprising performs at the Western Front, 343 Western Avenue, Cambridge. Also presented October 27. Telephone: 492-7772.

Uprising performs at the Western Front, 343 Western Avenue, Cambridge. Also presented October 27. Telephone: 492-7772.

JAZZ MUSIC

The Art Farmer Quintet at the Regattabar, Charles Hotel. See October 25 listing.

CLASSICAL MUSIC

Veronica Brien performs in the MIT Symphony Series at 8 pm in the Tsai Performance Center, Boston University, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3340.

The Boston University Jazz Lab Band performs works by Benny Carter, Ralph Burns & Woody Herman, Dan Senz, Oliver Nelson & Ken Schaphorst, Jimmy Guiffre, and Ray Charles & Ken Schaphorst at 8 pm in the Tsai Performance Center, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

The Art Farmer Quintet at the Regattabar, Charles Hotel. See October 25 listing.

Gonz at the Willow Jazz Club. See October 25 listing.

CLASSICAL MUSIC

The Longwood Symphony Orchestra, Aaron Kula, conductor; pianist Marek Zebrowski performs works by Wagner, Schumann, and Elgar at 8 pm in Kresge Auditorium, Boston University, 685 Commonwealth Avenue, Boston. Tickets: \$7 and \$10 general, free to MIT students. Telephone: 253-2906.

The Cleveland Orchestra, Christoph von Dohnanyi conducting, with baritone Sanford Sylvan, soloists by Mozart, John Adams, and Beethoven at 8 pm in Symphony Hall, Boston. Tickets: \$5 and \$28. Also reduced-price tickets offered through the Tech Performing Arts Series. Telephone: 266-1492.

The Boston University Concert Choir performs works by Bach, Vivaldi, Monteverdi, Mozart, and Beethoven at 8:30 in the BU Concert Hall, 855 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

The Boston Symphony Orchestra, Witold Lutoslawski conducting, with violinist Roman Lefkowitz and pianist Anthony di Bonaventura, at Symphony Hall. See October 26 listing.

Saturday, Oct. 27

CONTEMPORARY MUSIC

Pete Seger and Leon Greco perform at 8 pm at the Berkeley Performance Center, 136 Massachusetts Avenue, Boston. Tickets: \$12.50 and \$15.50. Tel: 266-7455.

The Manhattan Transfer performs in the Wang Center's Restoration Hall at 9 pm at 270 Tremont Street, Boston [see also Dance listing]. Tickets: \$25 to \$500. Telephone: 951-2000.

Naked Raygun, Heart Rollin' Band, and Moving Targets perform in an all ages show at 2 pm and Farrenheit, Messina, Safety in Numbers, and Kid Simple perform at 9 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$8.50 advance/\$9.50 day of show for 2 pm, \$10.50/\$7.50 for 9 pm. Telephone: 451-1905.

Daisy Chain, The Vastanois, and III Merry Widows perform at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

Jumpin' Blues Dance Party featuring Roll With It is presented at 8 pm at the Western Front, 343 Western Avenue, Cambridge. Admission: \$2 with MIT ID. Telephone: 492-7772.

\*\*\* CRITICS' CHOICE \*\*\* The Neighborhood Ensemble at the Rat, 528 Commonwealth Avenue, Kenmore Square, Boston. Telephone: 247-8309.

The Boogaloo Swans perform at Johnny D's, 17 Holland Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Telephone: 776-9667.

A. C. Reed & His Shark Plugs performs at Ed Burke's, 808 Huntington Avenue, Boston, on the 'E' green line. Telephone: 232-2191.

Ultra Blue, Mike Viola & Snap, and Tristan Park perform at 9 pm at Necco Place, One Necco Place, near South Station in downtown Boston. Tickets: \$5. Telephone: 426-7744.

Kiniwe (Tufts West African Drum Ensemble) performs at 8 pm in the Alumnae Lounge, Tufts University, Medford. No admission charge. Telephone: 381-3564.

Uprising at the Western Front. See October 26 listing.

JAZZ MUSIC

The Boston University Jazz Lab Band performs works by Benny Carter, Ralph Burns & Woody Herman, Dan Senz, Oliver Nelson & Ken Schaphorst, Jimmy Guiffre, and Ray Charles & Ken Schaphorst at 8 pm in the Tsai Performance Center, 685 Commonwealth Avenue, Boston. No admission charge. Telephone: 353-3345.

The Art Farmer Quintet at the Regattabar, Charles Hotel. See October 25 listing.

Gonz at the Willow Jazz Club. See October 25 listing.

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The Boston Symphony Orchestra, Witold Lutoslawski conducting, with violinist Roman Lefkowitz and pianist Anthony di Bonaventura, at Symphony Hall. See October 26 listing.

Jane Eiechtern & Company at the Back Alley Theater. See October 25 listing.

Monday, Oct. 29

ARTTRANSITION '90, an international art, science and technology conference, opens today in Kresge Auditorium. Performances include Dialogues de Fire - Talking Heads and Burning Fire at 9 pm. Continues through November 1 at various MIT locations. Tel: 253-4415.

CONTEMPORARY MUSIC Inti-Illimani, with guitarist John Williams and Peco Pena, performs traditional and contemporary Latin American music at 8 pm in Symphony Hall, corner of Huntington and Massachusetts Avenues, Boston. Tickets: \$18, \$25.50, and \$29.50 [see also Tech Performing Arts Series]. Telephone: 266-1492.

Cormac McCarthy and Jane Gilman perform at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

CONTEMPORARY MUSIC Pianist Robert Taub performs works by Beethoven, Scriabin, and Chopin in a Blodgett Chamber Music Series concert at 8 pm in Park Hall, North Yard, Harvard University, Cambridge. No admission charge. Tel: 495-0583.

The Generations, a tribute to string playing at the Longy School of Music, is presented at 8 pm in the Edward Pickman Center Hall, Longy School of Music, 27 Garden Street, Cambridge. No admission charge. Telephone: 876-0956.

CONTEMPORARY MUSIC The Regent Theater presents Alfred Hitchcock's Dial M For Murder (1954) at 5:15 & 9:15 and Psycho (1960) at 7:15 at 7 Medford Street, Arlington Center, Arlington, on the #77 bus line from the Harvard T-stop. Also presented October 30. Tickets: \$4 (good for the double feature). Telephone: 643-5555.

The Harvard Film Society continues its Monday series Narrative Film with Martin Scorsese's Who's That Knocking at my Door (1968) at 5:30 & 8:00 pm at the Center for the Visual Arts, Harvard University, 24 Quincy Street, Cambridge. Tickets: \$4 general, \$3 seniors and children. Telephone: 495-4700.

CONTEMPORARY MUSIC The Boston Symphony Orchestra, Witold Lutoslawski conducting, with violinist Roman Lefkowitz and pianist Anthony di Bonaventura, at Symphony Hall. See October 26 listing.

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Tuesday, Oct. 30

ARTTRANSITION '90, an international art, science and technology conference, continues today at various MIT locations. Performances include a Video Screening at 6 pm in Bartos Theatre, Wiesner Building 'E15'. Continues through November 1. Tel: 253-4415.

CONTEMPORARY MUSIC Mick Taylor, Creatures of Habit, and Sean Donohy perform at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

An Emotional Fish performs in an 18+ ages show at Nightstage, 823 Main Street, Cambridge, just north of MIT. Telephone: 497-8200.

Andrew Tosh & The Tosh Band and Kevan perform at 9 pm at the Channel, 25 Necco Street, near South Station in downtown Boston. Tickets: \$7.50 advance/\$8.50 day of show. Telephone: 451-1905.

Darden Smith performs at T.T. the Bears, 10 Brookline Street, Cambridge, just north of MIT. Telephone: 492-0082.

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CONTEMPORARY MUSIC The Boston Symphony Orchestra, Witold Lutoslawski conducting, with violinist Roman Lef

with gallery hours Monday-Friday 9-5 and Saturday-Sunday 1-5. Telephone: 437-2355.

COMEDY

Robin Williams performs in honor of Senator John F. Kennedy at the Wang Center, 270 Tremont Street, Boston [see also Contemporary Music Festival]. Tickets: \$25.75 and \$35.75. Tel: 929-2000.

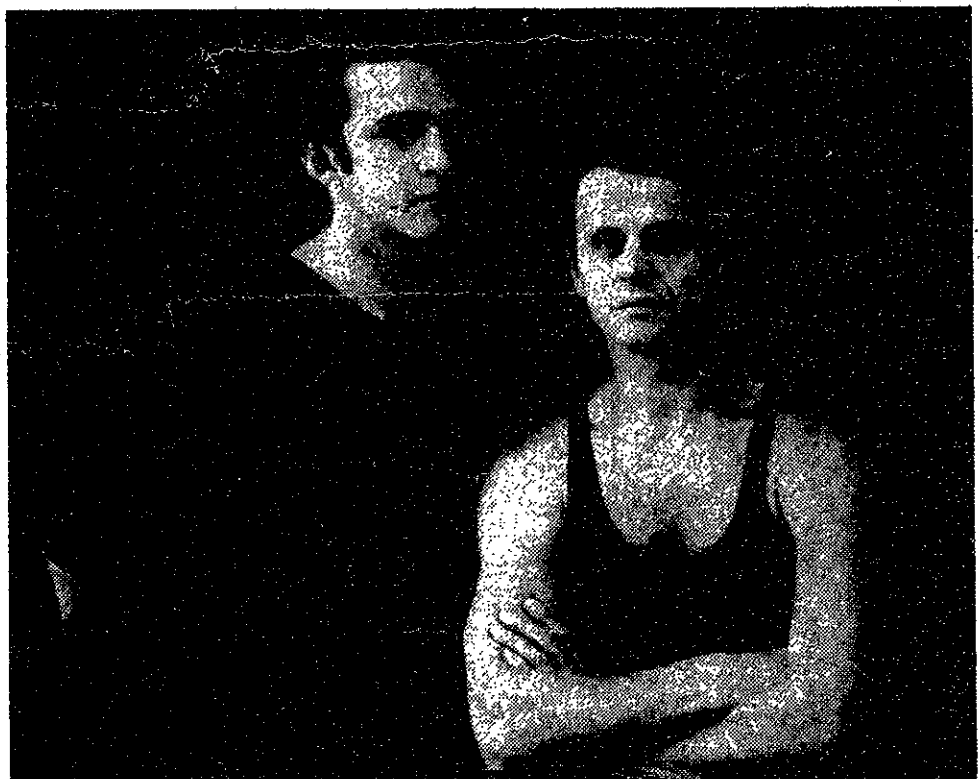
LITERATURE

John Updike reads from Rabbit at Rest as part of the Boston Globe Book Festival at 6 pm in Robb Lecture Hall, Boston Public Library, Copley Square, Boston. No admission charge. Telephone: 929-2649.

SHA

On The Town

Compiled by Peter Dunn



White Oak Dance Project — featuring Mark Morris and Mikhail Baryshnikov — at the Wang Center on Oct. 24

Ongoing Theater

Alice's Adventures in Wonderland, the original musical adaptation of Lewis Carroll's classic, continues through November 11 at the Seelack Family Theatre, 200 The Riverway, Boston, near the Fenway T-stop on the 'D' green line. Performances are Friday & Saturday at 7:30 and Saturday & Sunday at 3:00. Tickets: \$7.50 and \$8. Telephone: 734-4760.

Candida, George Bernard Shaw's comedy about the falsehoods underlying marriage, continues through November 18 at the New Repertory Theatre, 54 Lincoln Street, Newton Highlands, near the Newton Highlands T-stop on the Riverside 'D' green line. Performances are Wednesday at 2:00, Thursday & Friday at 8:00, Saturday at 5:00 & 8:30, and Sunday at 3:00 & 7:30. Telephone: 332-1646.

The Cocktail Hour, A. R. Gurney's comedy about a playwright visiting his parents' home, continues through October 28 at the Wilbur Theatre, 246 Tremont Street, Boston. Performances are Tuesday-Saturday at 8 pm with matinees Thursday & Saturday at 2 pm and Sunday at 3 pm. Tickets: \$27.50, \$32.50, and \$37.50. Telephone: 423-4008.

El Sadboy, Cullen Gerst's story about an estranged family. Where Have All the Lightning Bugs Gone?, by Louis E. Carlton, and The Floating Palace, Charles J. Johnson's play about the sinking of the Titanic, continue through November 3 at the Harvard Union, Quincy and Harvard Streets, Harvard Square, Cambridge. Performances are Thursday & Friday at 8 pm and Saturday at 3 pm. Tickets: \$3 to \$5. Telephone: 495-4530.

A Girl's Guide to Chaos, the off-Broadway comedy hit about the rocky road to romance, continues through November 25 at Nick's, 100 Warren Street, Boston. Performances are Wednesday & Thursday at 8:00, Friday & Saturday at 7:00 & 9:30, and Sunday at 3:00. Tickets: \$10 to \$18.50. Telephone: 482-0930.

M. Butterfly, David Henry Hwang's Tony Award winning story of clandestine love between a former French diplomat and a Chinese star of the Peking Opera, continues through October 28 at the Colonial Theatre, 106 Boylston Street, Boston. Performances are Tuesday-Saturday at 8 pm with matinees Thursday & Saturday at 2 pm and Sunday at 3 pm. Tickets: \$20 to \$42.50. Telephone: 1-800-382-8080.

The Odd Couple, Neil Simon's comedy about mismatched roommates, opens today as a presentation of Mission Hill Theatre at the Mass. College of Art, 621 Huntington Avenue, Boston. Continues through November 3 with performances Thursday-Saturday at 8 pm. Tickets: \$8 general, \$4.50 seniors and students. Telephone: 269-4576.

Noises Off, Caryl Churchill's comedy, is presented at 8 pm at the Tufts Arena Theater, Tufts University, Medford. Also presented October 22 and 27. Tickets: \$5 and \$6. Telephone: 381-3493.

The Royal Hunt of the Sun, Peter Shaffer's story of the search for God and truth, set in the Inca empire in the time of Pizarro, is presented by the Harvard-Radcliffe Dramatic Club at 7 pm at the Loeb Mainstage, 64 Brattle Street, Cambridge. Also presented October 26 and 27 with Sunday matinees at 2 pm. Tickets: \$5 general, \$4 students. Telephone: 547-8300.

Fifth of July, Lanford Wilson's play about the reunion of a group of former student activists, opens today at the Boston Conservatory Studio Theater, 8 The Fenway, Boston. Also presented October 26-28. Tickets: \$5 general, \$3 seniors and students. Telephone: 552-3340.

PERFORMANCE ART

The Boston Film Video Foundation presents Pearls and Post Industries — and combining nostalgic props, video, and convoluted logistics with the nation's addition to the Military/Defense/Entertainment Industrial Complex — at 8:30 at 1126 Boylston Street, Boston. Also presented October 26. Tickets: \$6/\$5. Telephone: 536-1540.

FILM & VIDEO

The Harvard Film Archive presents The Extraordinary Adventures of Mr. West in the Land of the Soviets (1924, Lev Kuleshov, USSR) at 7 pm at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Cambridge. Tickets: \$5. Telephone: 495-4700.

The Museum of Fine Arts begins its series Looking at Ourselves: An Israeli Cinema Retrospective with Anou Bañou: The Daughters of Uzi (1982, Edna Polit) at 4 pm & 8 pm and Sabra (1933, Alexander Ford), Alishah (1936 Helmar Lerski), & HBI 24 Doesn't Answer (1955, Thorold Dickinson) at 6 pm at 465 Huntington Avenue, Boston. Tickets: \$5 general, \$4.50 MFA members, seniors, and students. Telephone: 267-9300 ext. 306.

The Exterminating Angel (1962, Luis Bunuel, Mexico) and Alphaville (1965, Jean-Luc Godard, France) in the Regent Theatre. See October 23 listing.

COMEDY

SCC's Strat's Rat presents Comedy Night at 9:30 in Lobdell Dining Hall.

The Serpent, Jean-Claude Van Itallie's influential experimental theater piece contrasting the myth of Adam and Eve with contemporary paradigms of evil, continues through October 27 at the Brimmer Street Studio Theatre, 89 Brimmer Street, Boston. Performances Wednesday-Saturday at 8 pm. Tickets: \$8 general, \$6 seniors and students. Telephone: 578-8785.

Shadow of a Doubt, merging a multimedia film noir detective spoof with MIT scientist Frederick Lorenz's theories of order and chaos, continues through October 28 as a presentation of the Studebaker Movement Theater Company at The Performance Place, 277 Broadway, Somerville. Performances are Friday & Saturday at 8 pm and Sunday at 2 pm. Tickets: \$12. Telephone: 625-1300.

Womb for Rent, A Pro-Choice Comedy, performed by the Sleeveless Theatre, continues through November 18 at the Boston Baked Theatre, 255 Elm Street, Davis Square, Somerville. Performances are Sunday at 7:30. Tickets: \$10 general, \$8 students. Telephone: 628-9575.

No admission charge. See October 25 listing.

CRITICS' CHOICE  
The Royal Hunt of the Sun presented by the Harvard-Radcliffe Dramatic Club at the Loeb Mainstage. See October 25 listing.

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Cinderella, an original musical adaptation of the classic fairytale, opens today at the Boston Baked Theatre, 255 Elm Street, Davis Square, Somerville, near the Davis Square T-stop on the red line. Continues through November 18 with performances Saturday at 1 pm and Sunday at 1 pm & 3 pm. Tickets: \$5. Telephone: 628-9575.

A Scent of Flowers, James Saunders' play examining the life of a young woman and her family during the '60s, is presented in a staged reading at 8 pm by Theatre in Process at the Blacksmith House, Cambridge Center for Adult Education, 56 Brattle Street, Cambridge. Also presented October 28 & November 4 at 5 pm and November 3 at 8 pm. Tickets: \$6. Telephone: 547-6789.

As You Like It presented by the MIT Shakespeare Ensemble in the Sala de Puerto Rico. See October 25 listing.

Noises Off at the Tufts Arena Theater. See October 25 listing.

The Royal Hunt of the Sun presented by the Harvard-Radcliffe Dramatic Club at the Loeb Mainstage. See October 25 listing.

A Shayna Maidel at the Merrick Theater, Brandeis University. See October 26 listing.

Fifth of July at the Boston Conservatory Studio Theater. See October 25 listing.

PERFORMANCE ART  
Of Tanne at Mobius. See October 26 listing.

DANCE  
Boston Ballet performs in the Wang Center's Restoration Ball at 9 pm at 270 Tremont Street, Boston [see also Contemporary Music listing]. Tickets: \$25 to \$500. Telephone: 931-2000.

FILM & VIDEO  
The MIT Lecture Series Committee presents American Werewolf in London at 7:00 & 9:30 in 26-100. Admission: \$1.50. Telephone: 258-8881.

The MIT Student Center Committee presents Good Morning, Vietnam at 11 pm in Lobdell dining hall. No admission charge.

The Coolidge Corner Theatre presents Vampire's Kiss, a 13-hour film marathon celebrating the undead, including Lair of the White Worm (Ken Russell), The Fearless Vampire Killers (Roman Polanski), Warhol's Dracula, Fright Night, and The Hunger, beginning at midnight at 290 Harvard Avenue, Brookline, at the Coolidge corner T-stop on the 'C' green line. Admission: \$13.50. Telephone: 734-2501.

The Harvard Film Archive continues its weekend series Projected Radiance: The Cinema of Indonesia with Nagabonar (1987, M. T. Risyar) at 7 pm and The Knight of Medankara (1987, Emam Tantowi) at 9 pm at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Cambridge. Tickets: \$4 general, \$3 seniors and children, \$6/\$5 for a double feature. Telephone: 495-4700.

Night of the Living Dead (1968, George Romero) and Carnival of Souls (1962, Herk Harvey) at the Regent Theatre. See October 26 listing.

Zan Boko (1988, Gaston Kabore) at the French Library. See October 27 listing.

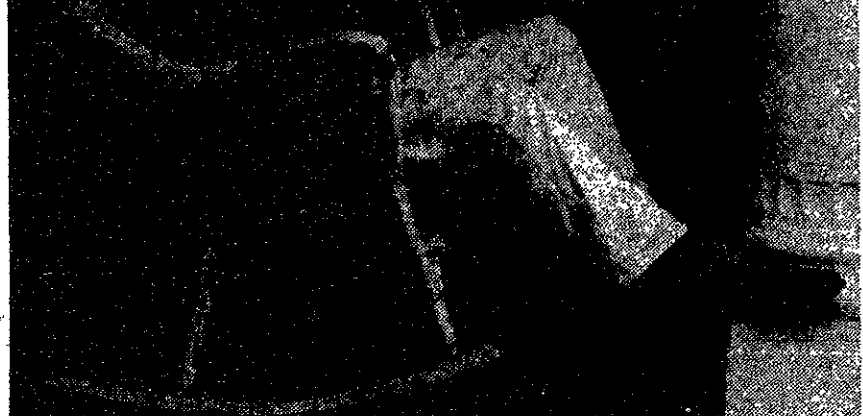
Kids in the Hall perform in an 18+ ages show at 7 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

COMEDY  
Kids in the Hall perform in an 18+ ages show at 7 pm at the Paradise, 967 Commonwealth Avenue, Boston. Telephone: 254-2052.

The French Library in Boston continues its series Francophone Africa: Colonialism and Beyond with Zan Boko (1988, Gaston Kabore) at 8 pm at 31 Marlborough Street, Boston. Also presented October 27 and 28. Tickets: \$4 general, \$3 library members. Telephone: 266-4351.

The Harvard Film Archive continues its weekend series Projected Radiance: The Cinema of Indonesia with Nera Meandi (1982, Ani Prayono) at 7 pm and Sapu Kembang (1983, Onuama Sisworo Putra) at 9 pm at the Carpenter Center for the Visual Arts, Harvard University, 24 Quincy Street, Cambridge. Tickets: \$4 general, \$3 seniors and children, \$6/\$5 for the double feature. Tel: 495-4700.

The Pixies at the Orpheum Theatre on October 31. Alien Sex Fiend at Man Ray on October 31. Dramashop's Blue Windows in Kresge Little Theater, November 1 to 9. Santana at the Orpheum on November 2. The Robert Cray Band at the Wang Center on November 2. Jerry Lee Lewis at the Channel on November 3. George Winston at Symphony Hall on November 4 and 5. Gregory Hines at Symphony Hall on November 11. The Waterboys at the Orpheum on November 13. Mojo Nixon at the Channel on November 14. Skinny Puppy at the Somerville Theatre on November 14. Iggy Pop at Citi Club on November 17. Living Colour at the Orpheum on December 6.



John Updike at the Boston Public Library on Oct. 23

Ongoing Exhibits

ON CAMPUS

Visual AIDS III, a poster collection reflecting the issues and cultural attitudes of diverse organizations and countries, continues through December 1; Awon Orisa: The Gods/Africanisms in the Americas, exploring the manifestations of Yoruba religious belief in the Americas, continues through December 16; and Doc Edgerton: Stopping Time, photographs and memorabilia documenting the invention and use of the strobe light, continues indefinitely at the MIT Museum, 265 Massachusetts Avenue, Cambridge. Museum hours are Tuesday-Friday 9-5 and Saturday-Sunday 1-5. Admission: \$2 requested donation, free to MIT community. Telephone: 253-4444.

Lawrence B. Anderson '30: Artist, Educator, Architect, an installation celebrating the distinguished career of the former dean of the MIT School of Architecture, continues through December 14 at the Compton Gallery, between Buildings 10 and 13. Gallery hours are weekdays 9-5. No admission charge. Tel: 253-4444.

Satellite Intelligence: New Art from Boston and San Diego, a wide range of media styles from 12 artists; and Synthetic Spaces: Holography at MIT, the first selective survey of computer-generated holography at MIT originating in the Spatial Imaging Laboratory, continue through November 18 at the List Visual Arts Center, MIT Wiesner Building E15. Gallery hours are weekdays 12-6 and weekends 1-5. No admission charge. Telephone: 253-4680.

OFF CAMPUS

CRITICS' CHOICE  
The Daily Free Press: Twenty Years in Perspective, continues through October 26 at the George Sherman Union Gallery, Boston University, 775 Commonwealth Avenue, Boston. Gallery hours are weekdays 10-5. Telephone: 353-2224.

From Fantasy to Truth: Future Visions of an Artist, paintings by Wendy Seller, continues through October 26 at the Trustman Art Gallery, Simmons College, 300 The Fenway, Boston. Gallery hours are weekdays 10-4:30. No admission charge. Telephone: 738-2145.

Mel Wiseman: A Retrospective of Paintings and Monotypes continues through October 28 at the Boston University Art Gallery, 855 Commonwealth Avenue, Boston. Gallery hours are weekdays 10-4 and weekends 1-5. No admission charge. Telephone: 353-3329.

Figuring the Body, examining the ways in which artists explore the body as the expression of various identities, continues through October 28 in the Foster Gallery, Museum of Fine Arts, 465 Huntington Avenue, Boston. Museum hours are Tuesday-Sunday 10-5 and Wednesday 10-10. Admission: \$6 general, \$5 seniors and students, free with MIT ID. Telephone: 267-9300.

Black & White Photo Sequences, by New York photographer Margaret McCarthy, continues through October 30 at the Fogg Museum, Harvard University, 32 Quincy Street, Cambridge. Museum hours are Tuesday & Thursday 2-5,

Wednesday & Friday 1-5, and Saturday 10-1.

Courty Splendor: Twelve Centuries of Treasures from Japan, showing the unique role played by the Japanese court as patron of the arts as well as elucidating the refined activities of the aristocracy, continues through November 25 at the Museum of Fine Arts, 465 Huntington Avenue, Boston. Museum hours are Tuesday-Sunday 10-5 and Wednesday 10-10. Admission: \$6 general, \$5 seniors and students, free with MIT ID. Telephone: 267-9300.

New Territory: Art from East Germany, paintings, photographs, prints, and site-specific installations by 17 young, contemporary East German artists, continues through November 30 at the Grossman Gallery, School of the Museum of Fine Arts, 230 The Fenway, Boston. Telephone: 267-9300.

Morris Louis, nine major canvases by one of the pioneers of stained painting, continues through December 9 in the Carter Gallery, Museum of Fine Arts, 465 Huntington Avenue, Boston. Museum hours are Tuesday-Sunday 10-5 and Wednesday 10-10. Admission: \$6 general, \$5 seniors and students, free with MIT ID. Telephone: 267-9300.

The Levy-Franks Family Colonial Portraits, depicting prominent members of New York's Jewish community in the 1730s, continues through December 9 in the C. Brown Gallery, Museum of Fine Arts, 465 Huntington Avenue, Boston. Museum hours are Tuesday-Sunday 10-5 and Wednesday 10-10. Admission: \$6 general, \$5 seniors and students, free with MIT ID. Telephone: 267-9300.



The Flying Karamazov Brothers at the Spingold Theater, Brandeis, Oct. 30 to Nov. 4

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5:00 pm-6:30 pm  
Room 4-153**

**Campus Interviews: October 31, 1990**

# Worker shot in Au Bon Pain



Douglas D. Keller/The Tech

The Kendall Square Au Bon Pain, scene of Wednesday night's robbery and shooting.

By Joanna Stone

An Au Bon Pain employee was shot Wednesday night in an armed robbery at the restaurant's Kendall Square location.

This is the second robbery to occur at the Main and Hayward Streets location in the last four years.

The robbery occurred shortly after closing. According to the Cambridge police report, an unidentified black male forced his way into Au Bon Pain at 10:14 pm and demanded money. He then pulled a gun and shot an Au Bon Pain cashier once through the shoulder.

No suspect has yet been apprehended for the crime. Police have categorized this as an isolated

incident.

The victim was released from the hospital over the weekend and is currently at home recovering.

Au Bon Pain has since changed the closing time of the Kendall Square location from 10 pm to 8 pm.

"We've adjusted our hours as a result of the robbery," said Scott Davis, a spokesman for Au Bon Pain. However, he added that all other establishments in the area, including the one across the street in the Kendall Square Food Court, close much earlier. The new hours will simply bring the Kendall Square store in line with the others.

"Since nothing else is open in

that area at night, it's scary to be by yourself there," he said.

Davis said there was no rhyme or reason to the crime. "It was just one of those strange things that happens."

One employee expressed his disbelief and confusion about the robber's shooting. "He'd already gotten the money. I don't know why he shot. He just pulled a gun from his pants, and before you knew it, he'd shot. I thought it was coming at me. I ducked!"

The employee said that before the robbery, he had not felt particularly scared being at the Kendall Square Au Bon Pain late at night. He believed such an isolated incident could occur anywhere, yet he was nonetheless glad they would be closing earlier from now on.

He added that because the subway station was nearby, the suspect was able to flee quickly. He did not believe the person would ever be apprehended.

## Man takes \$2250 from Student Center BayBank

By Reuven M. Lerner

An unarmed man took \$2250 in cash from the Student Center branch of BayBank/Harvard Trust yesterday, according to Lisa Carbone, the bank's senior vice president.

The man, who was described as a white male with tinted glasses, passed a note to one of the tellers at approximately 11:55 am. The teller immediately gave him the money, after which he left the bank. There were no injuries.

Carbone said that BayBank trains its tellers to follow the instructions that robbers give them. "Their safety, and the safety of our customers, is the most important thing," she said.

The MIT Campus Police and Cambridge police are said to be investigating the matter. No one from the Campus Police was available for comment.

Sandra J. Nett, the manager of retail and administrative operations for the Campus Activities Complex, said, "We normally expect that this community is safe. I don't see it as a trend." She said that no special measures would be taken as a result of the robbery.

Carbone admitted that there was no permanent security guard at the bank, and said that there were no plans to hire one. "If the staff feels that it would be helpful to have a guard there, we will put one there temporarily," she said. But, she added, "it is not a very friendly way to operate your bank."

This is the fourth robbery of a BayBank this year, and the second within two weeks to take place at a university BayBank, Carbone said. An unknown man took more than \$1000 from the Warren Towers branch at Boston University at 8:40 am on Oct. 11, after passing a note to the teller that said, "Stay calm, I have a gun."

## Errata

Friday's issue of *The Tech* contained two errors. The caption under the photograph on page 24 of women's volleyball incorrectly identified the MIT player spiking the ball. She is Denise M. Nemchev '92.

The interview on the center pages incorrectly stated the number of people arrested at an anti-apartheid rally last spring ["Moving the Institute forward into the next century, Charles Vest thinks globally"]. The greatest number of people arrested on a single day last spring was 26.

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## Pro-Life, AWS discuss insurance refund policy

(Continued from page 1)  
alcohol. Over 22 percent of the respondents "said that they had been on the receiving end of an unwelcomed sexual proposition by somebody who was inebriated," he said.

"I have no desire at all to end underage drinking on this campus. . . . I do, though, have the desire to have people respond responsibly to the issue of alcohol. And I don't think we do this at all on this campus," Tewhey added.

### Abortion rebate debated, discussed

The discussion of alcohol policy was followed by two speeches on the subject of a medical insurance rebate for students who oppose abortion. Students from MIT Pro-Life had asked that the Medical Department refund the portion of their Student Health Insurance plan which is used for abortion counseling. The Medical Department refused their request, saying that they feared this would create a precedent for other special-interest groups.

In response, members of Pro-Life asked that the UA sponsor a binding referendum that would poll students on this issue.

Michelle L. Bush '91, representing the Association for Women Students, opposed the proposal. "We feel that getting abortion insurance refunds would be inappropriate policy, and an inappropriate question for a UA referendum."

"It's kind of like a gamble," she said. "You give this money to this funding pool, and you hope you won't need to use it. But it's there in case you, or anyone else, has to draw on that funding later on for something that you happen to need."

She contrasted this with a "fee-for-service" system, in which the participants pay only for those elements that they think they will need.

Bush warned that "if a referendum is to be held, it cannot be specific to abortion, but must ask whether students should get a refund for anything that they are morally opposed to. Once you grant that, you have to consider the ramifications."

The Pro-Life representative, Margaret F. Keady '93, disagreed. "We're not asking for this refund on the grounds that our members will never use this service. We object to the notion of anyone aborting their unborn child, and don't want to support it in any way," she said.

Keady added, "There are probably plenty of other procedures covered by MIT insurance that I could personally find objectionable, in some way or another. However, I seriously doubt that I could find any other procedure that raises the question of direct killing."

"This is, after all, a pluralistic society, and people have a right to do what they will, provided they don't hurt anyone else in the

process. But therein lies the problem — in the eyes of many people, abortion does hurt someone else in the process. I don't think you can name any other medical procedure that raises this same ethical dilemma."

She concluded by saying that "this policy has been successfully instituted at other schools, and their medical care systems are still running."

The council also elected four new members to the UA Executive Committee. They are: Andrew E. Bloch '91, Denise A. Purdie '92, Jun Lee '94 and Rowhit Sakhujia '94.

The UAC also quickly discussed a resolution that the faculty had passed the day before, dealing with the issue of gay men and lesbians serving in the Reserve Officers' Training Corps. However, the council did not have time to discuss or act on the measure.

The first hour of the two-and-a-half-hour meeting was spent asking each of the 60 UAC members to describe his or her greatest "pet peeve" at MIT. Answers included the emphasis of research over teaching, changes in the academic calendar, problems with dining services, and the difficulty of finding bathrooms.

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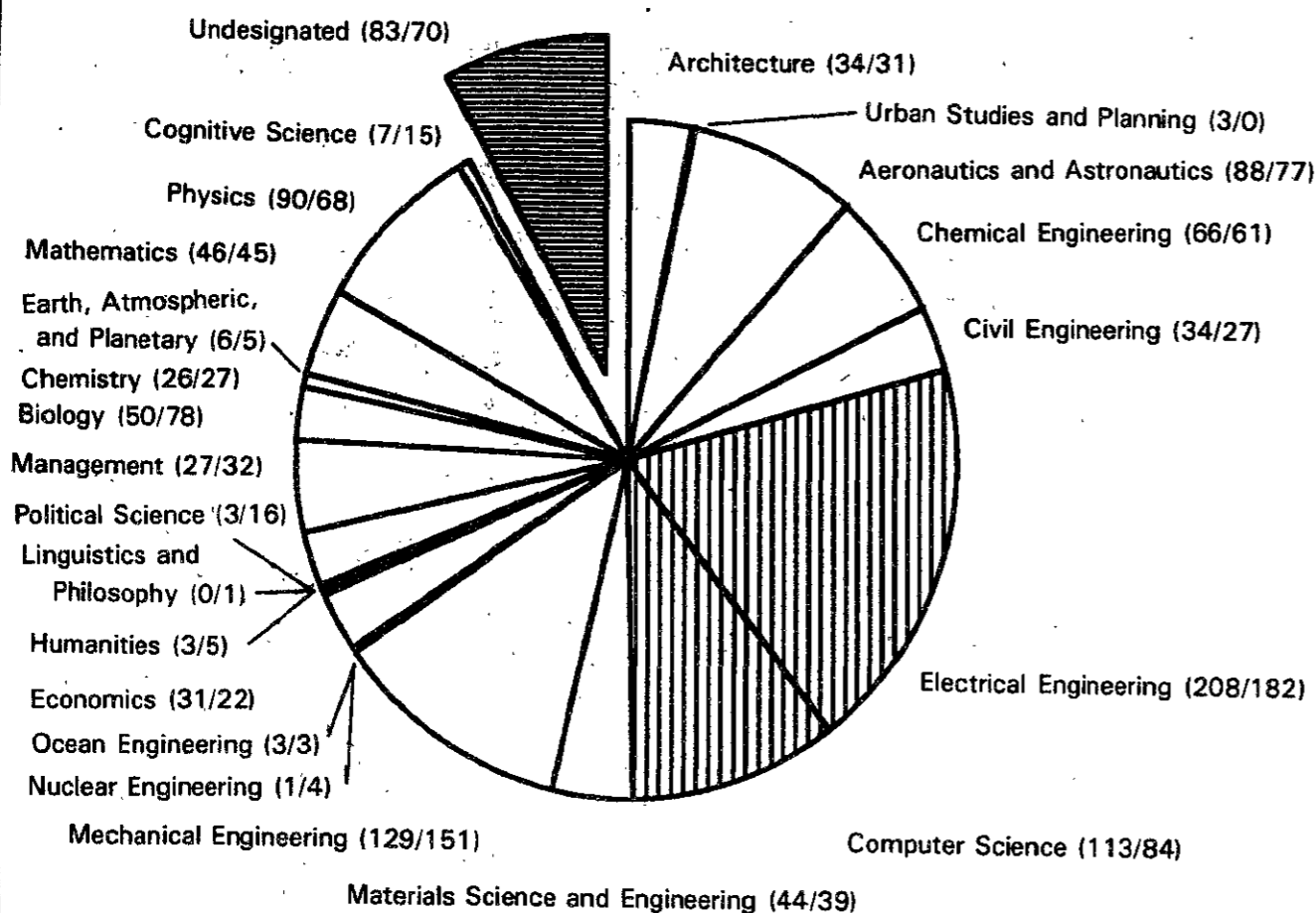
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## Breakdown of sophomore majors



This is the official fifth-week count of declared sophomore majors provided by the Registrar's Office. Numbers after the slash are the numbers of sophomores in the department or school last year. There are a total of 1099 sophomores this year; there were 1043 last year.

## EECS enrollment up again

(Continued from page 1)

and engineering, chemical engineering and aeronautics and astronautics. These combine for an overall 10-percent rise in engineering majors, despite a decline in the number of mechanical engineering majors.

Sophomore interest in Course

2 declined 15 percent from last year, for a total of 129 sophomores declaring a major in this field. According to the head of the Department of Mechanical Engineering, Neal Wormley, last year's enrollment of 151 students was exceptionally high and the current enrollment is about average.

Enrollment in the School of Humanities and Social Science has dropped by almost 20 percent since 1989. The only department in the school to have any rise in enrollment is economics. Seven more sophomores declared majors in Course 14 this year, for a current figure of 29.

There are more undesignated sophomores this year than in either 1988 or 1989. This year, 83 sophomores are undecided about a major, as compared to 70 in 1989 and 52 in 1988.

## Kang guilty of assault; will have psychiatric evaluation

(Continued from page 1)

violent attack. At approximately 2:30 am on July 15, while the woman was in a bathroom at Fiji, Kang apparently forced his way into the bathroom, turned off the lights, and assaulted her.

He admitted to having grabbed the woman by the head, and repeatedly slamming her head against the sink, walls, and toilet. He struck her head so hard against the toilet that the basin broke, as photographs displayed at the trial indicated.

During the trial, Daly, the as-

sistant district attorney, called the assault "a very, very violent incident."

The woman, cut and bleeding, was treated at a hospital for two hours. She received 12 stitches.

In asking for leniency, Kang's attorney pointed out the importance of alcohol in the case. He said that Kang is afraid he will act like this again when he is under the influence of alcohol. That is why Kang agreed to go into therapy, he said.

Kang, whose family also attended the trial, was not available for comment.

## Sexual harassment report offers MIT "road maps"

(Continued from page 1)

priority steps regarding the implementation of the report's recommendations. These steps include incorporation of the proposed policies into the general policies and procedures; initiation of discussion on the topic for students, faculty and staff; dissemination of road maps on handling complaints of harassment; and soliciting views about

the report from the Undergraduate Association, Graduate Student Council and post-doctoral groups.

"These action plans will be discussed for formal endorsement in the near future, Keyser said.

The report will be reprinted as a supplement in *Tech Talk*, and additional copies will be available at library reserve desks and on Project Athena, he added.



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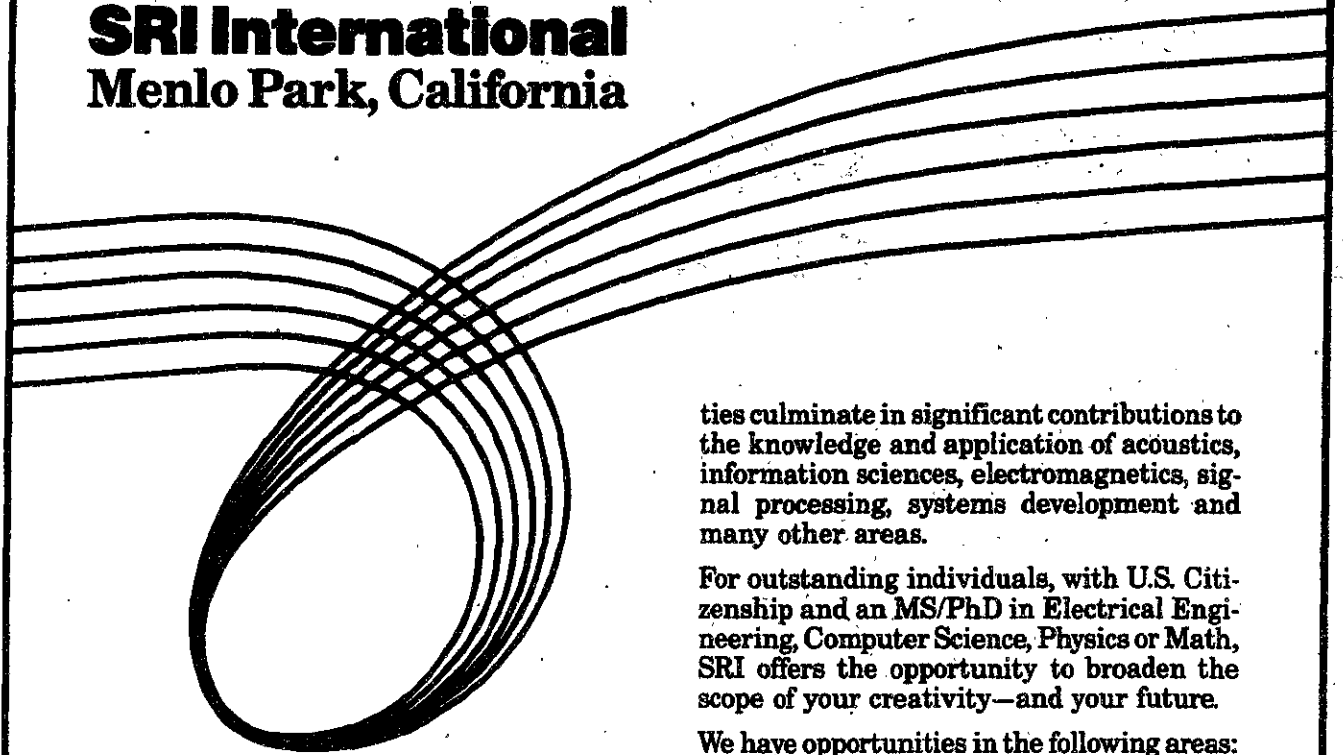
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### MIT Presentation

Tuesday, October 23, 1990

Room 4-145

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Interviewing for Permanent  
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Wednesday, October 24, 1990  
and  
Thursday, October 25, 1990

# BOEING



# sports

## Photiades captures 3rd place in Rolex national tournament

### Sports Update

Alexis Photiades '91 captured third place in last weekend's Rolex National Division III small college tennis championships, held at Corpus Christi, TX. The win marked a big jump for Photiades, who was ranked 32nd last year among Division III players throughout the nation.

Tennis coach Jeff Hamilton predicted that Photiades would break into the ranks of the top 10, perhaps the top five, players nationally, when the National Collegiate Athletic Association pre-season rankings are released in two weeks.

Photiades defeated Swarthmore College's Phil Rosenstrach, 6-2, 6-2, in the first round, played on Friday. In the semifinal round later that day, however, Photiades lost to Emory College's No. 1 player, Gavin O'Connell, 6-3, 6-4.

The loss put Photiades into a Saturday match against the University of California, Santa Cruz's Dave Muldrew to determine third place. Photiades, who is an academic All-American, defeated Muldrew, 6-3, 6-1.

Hamilton called the Rolex tournament "essentially a fall NCAA championship," and said that Photiades' performance bode well for the MIT tennis team, whose official season begins in February.

Swarthmore captured last year's Division III team title, while UCSC won two years ago.

### Bentley spikes football; Moose injures arm

The football team fell to 1-4, losing to a strong Bentley College squad, 36-7, Saturday in Waltham. Bentley leads the nation in Division III scoring and defense. The loss came a week after the Engineers won their homecoming game against Siena College, defeating the Saints, 28-0.

The Beavers did manage to score a touchdown against the Falcons, something no other team had accomplished in 18 quarters of play against Bentley. MIT's touchdown came on a 60-yard pass from John Hur '93 to Roddy Trantum '93 in the final minute of play. It was only the second touchdown Bentley has allowed this year.

Bentley scored twice in the first quarter, and held a 22-0 halftime lead after Sean Hilliard intercepted junior Archie Roberts' pass and returned it 47 yards for the score.

MIT was shaky throughout the game, fumbling eight times, although it only lost one fumble. Bentley outgained the Beavers, 364 yards to 196, and held a 265-64-yard advantage on the ground.

Justin Glotfelty '92 led the

Beavers with 20 tackles, while Darcy Prather '91 added 17.

Senior running back Garret Moose left the game early with an arm injury. His status as of yesterday was unclear.

The Beavers will be hard-pressed to find another win this season, facing, in order, Stonehill College, Western New England College, and Worcester Polytechnic Institute.

### Men's soccer falls to Clark in OT, 4-3

After blasting Curry College Thursday at Steinbrenner Stadium (see story, page 24), the Engineers dropped a close, 4-3, overtime decision to Clark University Saturday in Worcester.

MIT and Clark were tied at three goals apiece at the end of regulation time, but Clark's Rensli Dillon put a shot past MIT goalkeeper Chris Prince '92 (eight saves) at 102:41 to top the Engineers.

MIT's Stephan Feldgoise '92 put the Engineers ahead in the

first half with a score at 32:50, sending a Marc Bailey '91 pass past Clark keeper Kevin Astlund.

The teams traded goals in the second half, with MIT scores by Jason Grapski '94 (Feldgoise assist) at 67:56 and Kent McCord '91 (Bailey assist) at 71:58.

Clark scored at 88:49 to send the game into overtime.

### Scores

The field hockey team fell to Nichols College Saturday, losing, 3-0. . . . In Saturday's Ober Trophy on the Charles River, MIT's sailing team places fifth, scoring 91 points behind Tufts University (45), Harvard University (57), Boston University (75) and Boston College (90). . . . Southern Massachusetts University pounded the women's soccer team, 7-0, Saturday. . . . The water polo team lost all three matches at last weekend's New England League Tournament at Brown University. The Engineers lost to BC, 10-6, Brown, 12-6 and Harvard, 11-7.

Compiled by David Rothstein



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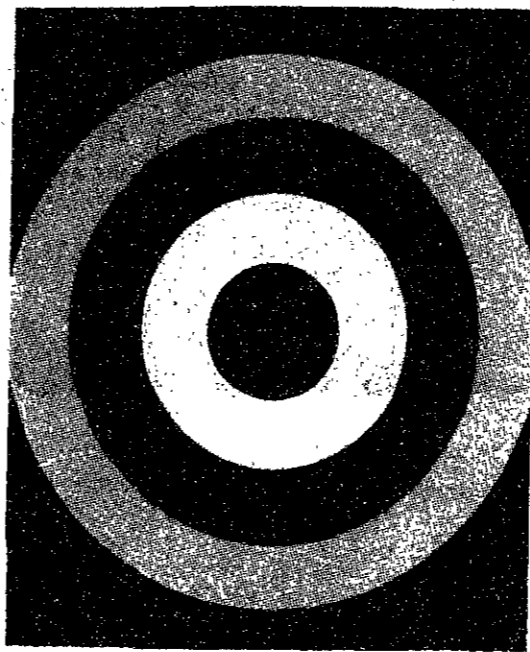
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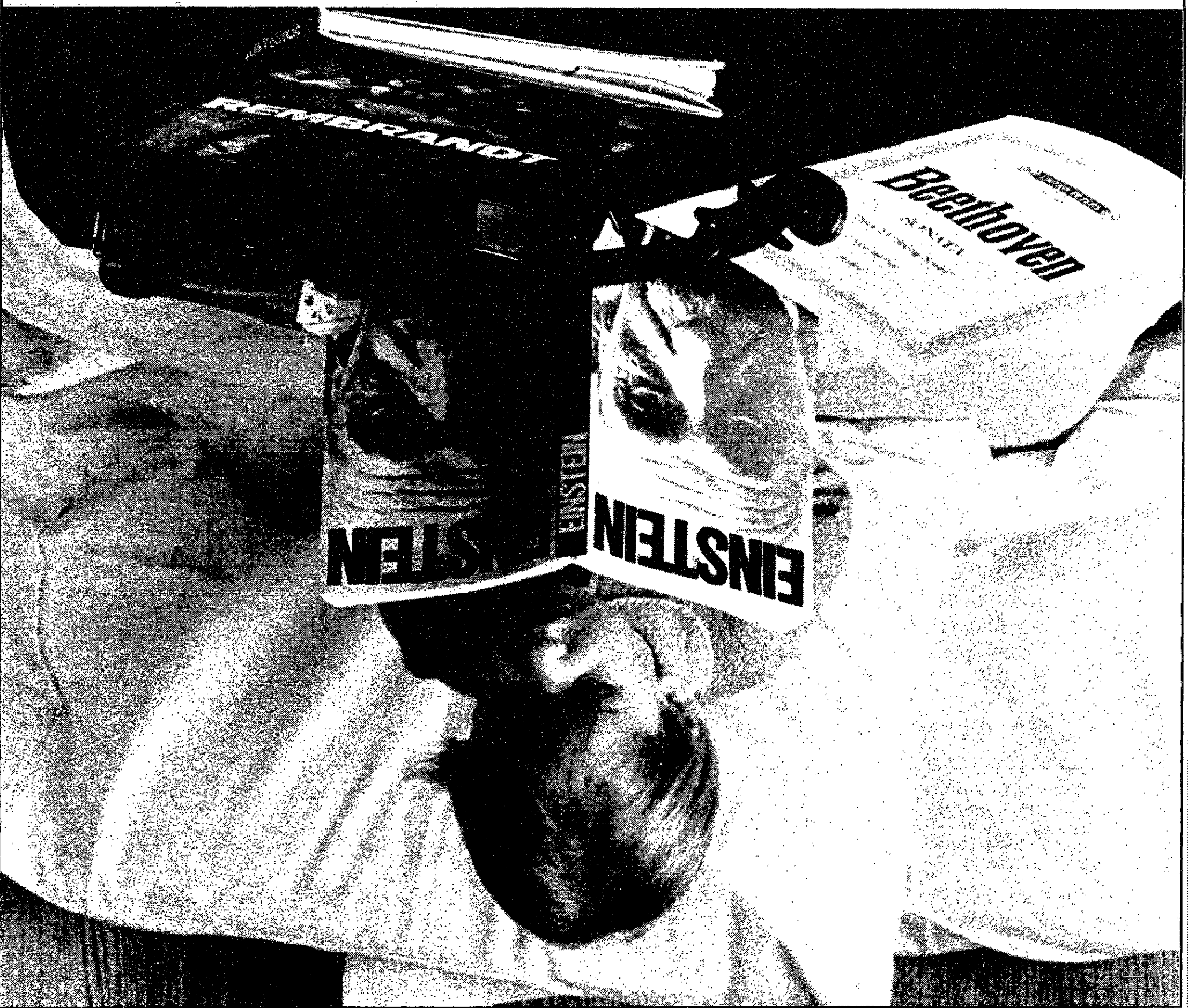
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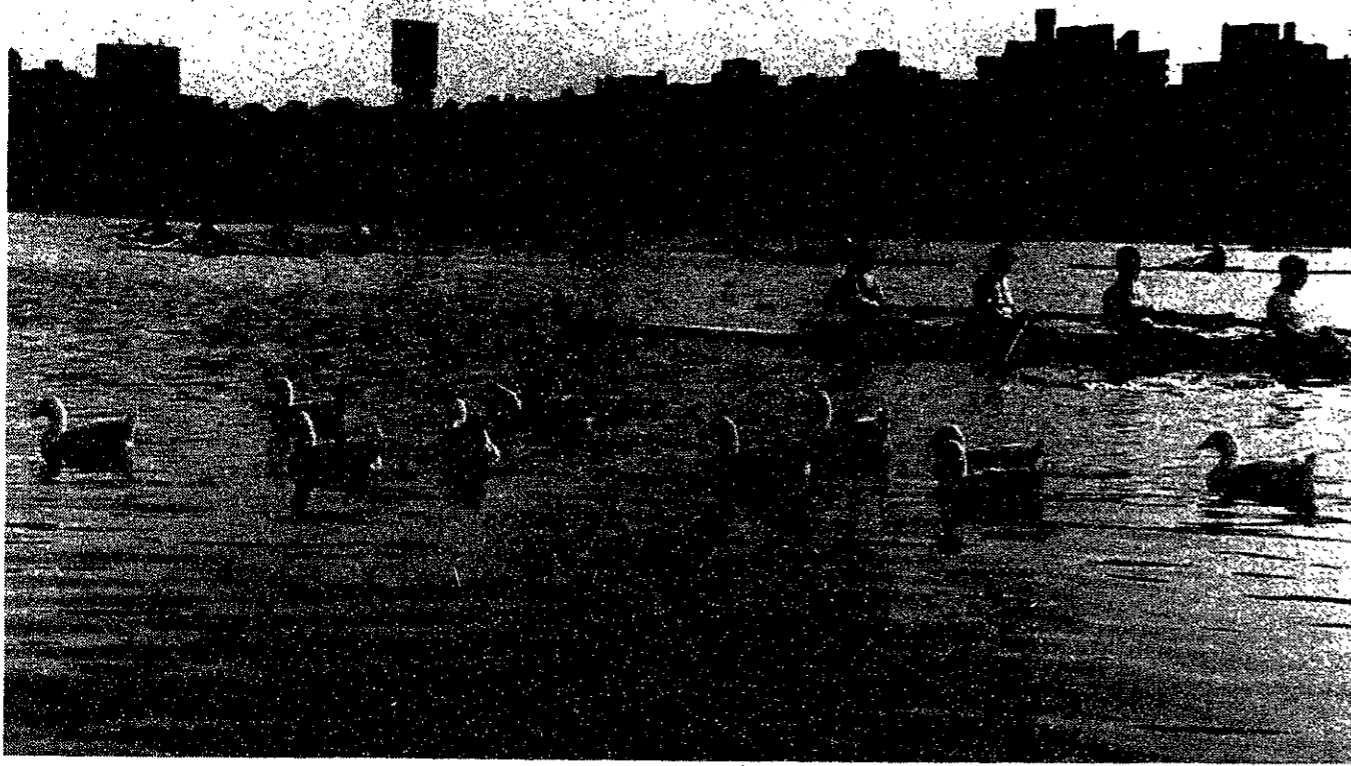
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# sports

## Men's eights take 9th at Head



Chris Blanc

Seemingly everyone and everything turned out for the Head-of-the-Charles Regatta last weekend. The notorious Boston weather was noticeably absent as warm sun and light winds prevailed over the Charles.

(Continued from page 24)  
pleasure in watching the boats that had finished racing, and were being rowed backwards on their way to the dock.

MIT students had the benefit of watching members of the MIT community race fairly frequently throughout the event.

MIT achieved mixed results at the Head-of-the-Charles. In the club eights event, the MIT men's heavyweight varsity eight placed ninth in a field of 48 competitors, and the women's club eight finished in 18th place among 33 crews. In the women's youth eights, MIT came in 10th, with 16 crews racing.

In the lightweight eight event, which is a highly competitive

race, two different varsity crews from MIT participated. The first of these placed 22nd in a field of 31, and the second crew placed last in a field of 31. In the championship four event, in which one of MIT's women's graduate crews competed, MIT came in 16th among 25 competitors.

On the sunny side, the women's graduate crew from MIT that raced in the lightweight women's four event performed better than it ever had in the past, placing fifth among 23 crews, and winning the privilege of competing in the same event in next year's Head-of-the-Charles. It completed the three-mile course in 20 minutes, 8 seconds, triumphing over Radcliffe Col-

lege, one of its biggest rivals.

Students were not the only ones to excel at the regatta, as Mathematics Professor Hartley Rogers Jr. won the veterans' singles event, which had a significant number of rowers competing. In addition, Stu Schmill '86, MIT's director of crew, captured a medal with his team as coxswain of the men's masters four from Lake Washington Rowing Club, which came in first over all its competitors.

Finally, Tom Tiffany, MIT's novice women's coach, also helped his crew capture first place as coxswain for the women's eight from Boston Rowing Center.

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- Oct. 25, Murata, Hewlett Packard, Vector Research & Sony, 4PM-7PM
- Oct. 26, Casio, Code-A-Phone, Ricoh & JVC, 2PM-5PM
- Oct. 27, Sony, Nikon, Guardian Photo & Seiko, 10AM-2PM
- Oct. 27, Hewlett Packard, Sony & Ricoh, 2PM-5PM

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- Oct. 25, Murata, Hewlett Packard, Sony & Ricoh, 1PM-4PM
- Oct. 25, Casio, 4PM-7PM
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# sports

## '49ers top Pittsburgh, 27-7

(AP) San Francisco got their sixth straight win Sunday, defeating Pittsburgh, 27-7. The '49ers cashed in on a Steelers mistake late in the third quarter when Barry Foster inexplicably allowed San Francisco's Mike Wilson to recover a free ball on a kickoff. Tom Rathman scored three plays later from a yard out to increase the '49ers lead from 13-7 to 20-7.

Joe Montana, who fired six touchdown passes against Atlanta last weekend, ended his 300-yard passing games streak at four. Montana hit 20 of 30 for 157 yards and a short touchdown to Mike Sherrard.

**Football Roundup** Matt Bahr's 40-yard field goal on the final play of the game lifted the New York Giants over the Phoenix Cardinals, 20-19. New York rallied for 10 points in the final three minutes and 21 seconds to post their sixth win of the season against no losses.

Denver halted its longest losing streak in seven years by downing Indianapolis, 27-17. John Elway threw for 307 yards and two touchdowns for the Broncos, who had dropped three games straight. The game marked the season debut of Eric Dickerson, who returned to the Colts by running for 55 yards on nine carries. The four-time league rushing champion had been on the non-football injury list following a contract dispute.

Jim Kelly's four touchdown passes, including the game-winner with just 19 seconds left to play, carried Buffalo over the New York Jets, 30-27. The Bills quarterback found Jamie Mueller from 14 yards out to finish a 71-yard, 11-play drive. Andre Ree grabbed two of Kelly's scoring strikes, while James Lofton caught the other.

Washington survived a battle of missed field goals to beat Philadelphia, 13-7. Chip Lohmiller failed on four attempts, but connected from 33 and 39 yards from Washington. The Eagles' Roger Ruzek, who was playing with bruised ribs, hooked a pair of field goals.

Washington got a one-yard touchdown dive from Gerald Riggs late in the first half. The lone Philadelphia score came on Randall Cunningham's nine-yard pass to Fred Barnett with 43 seconds left in the game. Cunningham was sacked five times and fumbled once.

### AMERICAN CONFERENCE

	Eastern Division			Pct.	PF	PA
	W	L	T			
Buffalo	5	1	0	.833	160	126
Miami	5	1	0	.833	125	83
Indianapolis	2	4	0	.333	98	135
NY Jets	2	5	0	.286	134	178
NEW ENG.	1	5	0	.167	90	169
Central Division						
*Cincinnati	4	2	0	.667	154	153
Houston	4	3	0	.571	169	135
Pittsburgh	3	4	0	.429	109	128
*Cleveland	2	4	0	.333	98	139
Western Division						
LA Raiders	6	1	0	.857	147	99
Kansas City	4	3	0	.571	167	114
Denver	3	4	0	.429	168	178
Seattle	3	4	0	.429	144	135
San Diego	2	5	0	.286	123	132

### NATIONAL CONFERENCE

	Eastern Division			Pct.	PF	PA
	W	L	T			
NY Giants	6	0	0	1.000	150	86
Washington	4	2	0	.667	134	82
Dallas	3	4	0	.429	90	135
Phoenix	2	4	0	.333	79	141
Philadelphia	2	4	0	.333	130	132
Central Division						
Chicago	5	1	0	.833	142	75
Tampa Bay	4	3	0	.571	147	141
Detroit	2	4	0	.333	141	169
Green Bay	2	4	0	.333	103	146
Minnesota	1	5	0	.167	140	135
Western Division						
San Francisco	6	0	0	1.000	154	101
Atlanta	2	4	0	.333	161	183
LA Rams	2	4	0	.333	164	173
New Orleans	2	4	0	.333	105	123

\*last night's game not included

## What does the Beaver represent?

(Continued from page 24)  
better than "Blue" or "W."  
But nothing came of the contest.

"Sometimes it's weird," conceded Teresa Reading, senior co-captain of the Wellesley volleyball team, speaking about Wellesley's having no team name. "Sometimes we wish we had a mascot, but it will probably stay this way."

Many teams pick their own name, said Reading, like the "Blue Sharks." Or the "Blue Herons," a name proposed by women's basketball coach, Roxanne Dale, in honor of the herons that

flock to Lake Waban.  
How about the Wellesley Blue Hoops?

Just up the creek, at Harvard University, crimson became the official school color in 1875, after the student body voted to adopt the colors worn by the school's baseball and crew teams. (In fact, the official colors are crimson, black and white.)

Harvard has never had an official mascot although *Boston Herald* columnist Vic Johnson, sometime in the '50s, penned an image of a Puritan man, suppos-

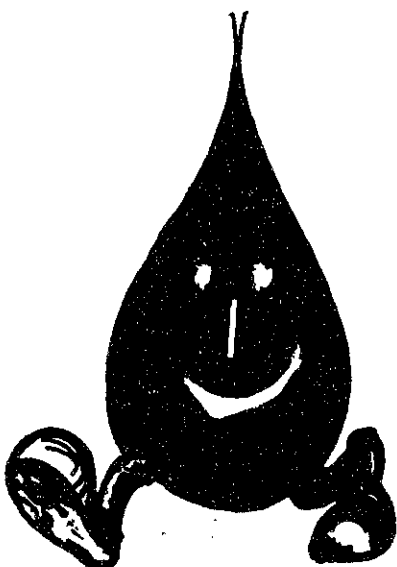
edly modeled after the statue (not of John Harvard), which sits in the Harvard Yard.

It's not a particularly becoming figure, but the image stuck, albeit unofficially.

How about the Harvard Egos. You know, I go 'ere, 'e go there. . . TOUCHDOWN!

Other teams in the Boston area are the Boston College Eagles, the Northeastern University Huskies and the Boston University Terriers.

Woof. Woof.  
How about the MIT Beavers?



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Will be held by the M.I.T. Pre-Law Advisory Council

Wednesday  
October 24, 1990  
5:00 P.M.

Room 4-153

Members of the Pre-Law Advisory Council will present information about the revised LSAT, test dates, the personal statement, and other aspects of the application process. Questions and answers will follow.

All students and other members of the MIT community are welcome.

### Refreshments

For further information about this meeting or about applying to law school, please telephone the Office of Career Services and Preprofessional Advising at 253-4737, or stop by Room 12-185.

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October 25, 1990

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Career Day  
Stratton Student Center  
October 30, 1990

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## sports

# Post-season '90: Here they go again

## Times are tough as hockey awaits NEW8

By David Rothstein

The field hockey team enters this year's New England Women's Eight Conference championships as a longshot, having won but two of 16 games this season, and none against its six NEW8 opponents. (Brandeis University does not field a team).

The Engineers will travel to Northampton, MA, on Thursday to face the second-seeded Smith College Pioneers, to whom MIT lost, 3-0, earlier this month.

It has been a frustrating season for head coach Sue Landau and her team, as wins have been few, and losses, by few goals or many, have been frequent. It has been a season that has coach and players defining their goals not in terms of a strong record, but of a strong effort. Of gaining experience for younger team players, in hopes that next season will bring better fortune to the Engineers.

MIT has a capable defense, anchored by senior goalkeeper Helen Shaughnessy, who has made 233 saves this season, with an 89-save percentage. But the Engineers have had little luck in scoring themselves.

So while any team can say it must score to win, this aim is all the more imperative for MIT.

"We are pretty much underdogs in all that we're doing here," said team captain Karlin Anderson '91. "We want to make the other team — even if they win — work hard" to respect MIT.

Landau cited Anderson's leadership throughout the season, noting that it was a "major factor in any of the success that we have accomplished."

Landau is planning no special strategy for Thurs-

day's game.

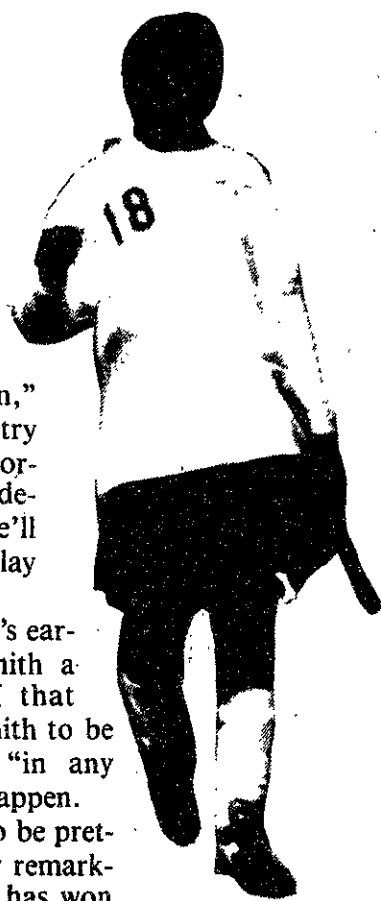
"I don't like to go into a game and say, 'Let's play this way,' and totally readjust our game to try to win," said Landau. "We'll try to keep them from scoring, playing a very defensive game. But we'll also take risks and play our game."

Landau called MIT's earlier meeting with Smith a good game, noting that while she thought Smith to be the stronger team, "in any sport anything can happen."

"The team seems to be pretty up, which is pretty remarkable for a team that has won only 2 games," she added.

The tournament's first-seeded team, Worcester Polytechnic Institute, whom MIT will meet this afternoon in a makeup game, earned a bye in the first round of play.

MIT is hosting the NEW8 championships. The semifinal games will be played on Jack Barry Field on Saturday, and the final will take place on Sunday.



Kimberly Williams '92

## Spikers looking at NCAA tournament

By David Rothstein

With a 6-0 record in the New England Women's Eight Conference, the volleyball team has assured itself of the top seed in the upcoming NEW8 championships. Smith College, which won the NEW8 title two years ago, is hosting the tournament on Nov. 3.

Although the final seedings have not yet been determined, it is likely that MIT will begin its defense of the NEW8 title against Worcester Polytechnic Institute. MIT won the championship last year for the second time in three years, defeating Smith in three games.

The Engineers have a 23-8 overall record this year, with two matches remaining in the regular season. None of the NEW8 teams have given MIT a legitimate challenge, and MIT is favored to win the NEW8 title again.

If the Engineers do win the NEW8 Conference, they will receive an automatic bid to the National Collegiate Athletic Association Division III tournament, which is comprised of 25 teams and takes place in mid-November.

Also set for nationals

With a NEW8 title victory all but assured, the women's team cannot help but have its mind on the national tournament. MIT finished fourth in the nation in 1983 and second in 1984, but did not make it past the opening round in its last two trips, in 1988 and 1989.

Head coach Karyn Altman '78 said in an interview Sunday that her goal for the team is to win the NEW8 title and get by the first round of the national tournament. Although MIT appears to be strongly favored to win the NEW8, and thus the automatic NCAA bid, the Engineers are ranked only fifth among Division III schools in the Northeast, and thus would not likely qualify for nationals without winning the NEW8.

The Engineers have the luxury of more than a week to prepare for the NEW8 tournament. After

this evening's match against Springfield College and Thursday's match against Bentley, MIT has no matches until the tournament. Although long layoffs can take away a team's competitive edge, Altman said she was pleased to have the opportunity to fine-tune MIT's attack and serve receive.

Altman said that MIT would work to develop a reliable three-person serve receive — using some combination of captain Cindy Parrish '92, Susie Gardner '92, An-Na Liu '91 and Colleen Kaiser '94 in the receive — that would allow the Engineers to quicken their middle attack, involving Parrish and junior Denise Nemchey.

New combinations tried

Although the Engineers start three juniors and two seniors, only three of the starting six played on the team last year, and Altman said that much of the season up to this point has been spent trying various lineup combinations in an effort to best utilize the individual players' skills.

"The hard part about our season," said Altman, "is that we really never had enough time to get things together, and when we finally got our starting lineups together, we really didn't have enough time to [get used to them]."

"We're just starting to recognize which players have which strengths and how we should use them."

Altman said that another key to post-season success will be to have all the hitters performing well at the net. Parrish and Gardner have often carried the team's offensive load this year, and Altman hopes to develop further the hitting of Nemchey and others.

This year's NEW8 Conference has been distinctly weak. Following MIT, it appears that Mount Holyoke College, Wellesley College and Brandeis University will be in a three-way tie for the second seed, with Smith in the fifth spot, and Babson College, Wheaton College and Worcester Polytechnic Institute grouped at the bottom.

## Wellesley College is first hurdle to women's soccer title defense

By Jordan J. Ditchek

The women's soccer team travels to Wellesley on Thursday to take on fourth-seeded Wellesley College in the opening round of the New England Women's Eight Conference Tournament. MIT, with an overall record of 4-7-2 and a NEW8 record of 1-5, is seeded fifth.

Head coach Suzan Rowe, pleased with the team's recent performance, is optimistic about the the tournament.

"The team looked great [last Thursday] against Brandeis College. We played the best ball that we've played all season," she

said. Rowe added that she will emphasize fundamentals, such as passing, one-touch passes, and demand more communication among her players on the field.

One setback that the team must overcome is the loss of captain Alyssa Parker '91 due to a leg injury that she sustained in the Brandeis game. The star full-back underwent a bone scan Friday at Mount Auburn Hospital, and the test revealed stress fractures in both femurs. Parker, who is also captain of the women's hockey team, will miss the entire soccer tournament and part of the hockey season as well.

Last year, the soccer team, winless in conference play during the regular season, pulled off three 1-0 victories in the post-season to shock the league and capture the championship. Asked about the chance of this year's squad accomplishing a similar feat, Coach Rowe responded, "This team has the potential to do anything they set their minds to."

For the Engineers, the road back to the championship leads from Wellesley to Brandeis, where the final rounds of the tournament will take place.

## Men's soccer is out, polo is in

By David Rothstein

While four of MIT's women's teams await the beginning of their respective New England Women's Eight Conference tournaments, three men's team — golf, water polo and soccer — look forward to a somewhat different post-season.

The water polo team is preparing for the New England championships, to be held at Harvard University on Nov. 3 and 4. Prospects for tournament action for the soccer team, however, are quite slim, after the Engineers dropped a 4-3 overtime game to Clark University on Saturday. [See sports update, page 19.] And the golf team left yesterday for New Seabury to compete in the New England Intercollegiate Golf Association championships.

Water polo in Beanpot

The Engineers lost all five matches in last weekend's New England League tournament at

Brown University, but head coach John Benedick said that, with the exception of Brown, MIT played at the same level as the other five teams, losing by a narrow margin each time.

MIT faces Boston College tomorrow evening at 7 pm at the Alumni swimming pool in the semifinal round of the Beanpot tournament (Harvard University is the third competitor). The Beanpot final will take place at Harvard on Thursday.

The Engineers will compete with Harvard, BC, Brandeis University, Yale University, and the University of Massachusetts, Amherst, in the New England. The top two finishers of that competition will advance to the Eastern Championships, held Nov. 10 and 11 at the Naval Academy.

Benedick praised sophomore goalkeeper Chad Gunnlausson for an excellent defensive job. Despite Gunnlausson's work,

however, the Engineers are 3-10 on the season.

Soccer's chances slim

With the loss to Clark, MIT's chances for post-season play are virtually nil. Head coach Walter Alessi said he had thought this might be the year that the Engineers would qualify for play, probably in the Eastern Collegiate Athletic Association tournament.

"We've been playing good soccer," said Alessi, "but sometimes not getting the breaks."

MIT has never made it to tournament play, either in the ECAC or the National Collegiate Athletic Association.

The Engineers' record stands at 6-4-1, and although Alessi said that MIT "is going to still keep playing as if every game is the tournament, usually four losses is too many. . . ."

## Women's tennis faces 2nd-seeded Brandeis

By David Rothstein

The women's tennis team travels to Brandeis University Thursday for the opening round of the New England Women's Eight Conference championships. The Judges defeated MIT, 7-2, in the teams' regular-season matchup.

MIT captain Fiona Tan '91, the team's lone senior, said that the outcome of Thursday's match will probably depend on how MIT's doubles teams perform. Tan is the first singles player, and has played first doubles with her sister, second singles player Valerie Tan '94.

The Engineers are coming of a 10th-place finish at Saturday's New England Championships,

where they played against several Brandeis players.

"We pretty much know who we're playing," noted Fiona, adding that the team was "pretty hopeful" about getting bye Brandeis.

Wellesley College is first-seeded in the tournament, followed by Brandeis, Smith College, Wheaton College, MIT, Mount Holyoke College, Babson College, and Worcester Polytechnic Institute.

Last year the Engineers were seeded sixth and lost to Wheaton College in the first round. Should MIT defeat Brandeis, it will travel to tournament host Wellesley for a semi-final match.

## sports

Words on Sport/  
David Rothstein

### Years ago, the birth of a mascot

A little bit over three-quarters of a century ago, the proposal that the beaver be adapted as the mascot of the Institute was made at the annual dinner of the Technology Club of New York. Lester D. Gardner '98, speaking on behalf of the Technology Club, made the proposal to then-president Richard Maclaurin, and it was immediately accepted.

History tells us that the beaver was selected from a certain Mr. Hornaday's book on the animals of North America. The author wrote: "Of all the animals of the world, the beaver is noted for his engineering and mechanical skill and habits of industry. His habits are nocturnal, he does his best work in the dark."

The beaver was chosen over the kangaroo, which was supposed to go forward in leaps and bounds, just like the Institute. And over the elephant, who is wise, patient, strong, hard-working, and supposed, like all Tech men, to have a good tough hide.

\* \* \* \* \*

Now, some fourscore years later, the beaver is better known to us as the Brass Rat, and the only teams that carry the Beaver nickname are the football team and MIT's club sport teams. All others are named the Engineers.

Beavers, somehow, do not conjure up an image of power, prowess or possibility. Maybe rabid, rational, rapid, but not athletic. Besides, it can surely be no compliment to say that our football team does its best work in the dark. (Draw your own conclusion there.)

Then again, the "Massachusetts Institute of Technology . . . Buffalos" just does not have the right ring. Nor the "MIT Wildcats."

\* \* \* \* \*

Some schools in the area simply do not have a mascot. Wellesley College simply goes by, well, "Wellesley College," and Harvard University is called "The Crimson."

Wellesley, it appears, never had a mascot, although many have been proposed. In the early 1980s, then-Athletic Director Linda Moulton sponsored a contest in an effort to come up with a suitable team name, something

(Please turn to page 22)

## inside

Alexis Photiades '91 is third in Rolex tournament. Sports update. **Page 19.**

\* \* \* \* \*

Giants and '49ers win again. Football roundup. **Page 22.**

\* \* \* \* \*

MIT teams head for the championships. Tournament preview. **Page 23.**

## X-C teams vie at championships

• Women are 3rd at NEW8 • Men, at CAC, also place third

By Sharlene Day and Theresa Fuentes  
The women's cross-country team placed third in the New England Women's Eight Conference championship meet at Mount Holyoke College on Saturday. Smith College completely dominated the meet, finishing with 23 points and placing five runners in the top eight finishers.

With the exception of 1986, Smith has won the NEW8 title since 1985 when the conference was created. Smith's top runner, Gwen Young, led the field of more than 50 runners, finishing in 17 minutes, 53 seconds. Young shattered the course record of 18:49 in the process of winning. Wellesley's Rebecca Werneck took second, in a time of 18:47, leading her team to a second-place finish, with 61 points.

MIT's captain Theresa Fuentes '91 and Chris Goh '92, were named to the NEW8 all-conference team. Fuentes finished in seventh place, with a time of 20:25, and Goh, in ninth (20:32). Amy Rovelstad '92 was MIT's third runner, finishing 18th overall, in 21:25.

Following Rovelstad were Sharlene Day '91 in 23rd (21:40), Lola Matysiak '91 in 27th (22:02), Gabrielle Rocap '92 in 29th (22:06), and Manisha Desai '94 in 64th (24:08).

Also finishing for MIT were Karen Gondoly '93 and Sharlene Afshani '93.

The women's team has benefited greatly from the efforts of first-year coach Joe Sousa. Sousa has built a strong reputation throughout New England as the track and field coach at Cambridge Ringe and Latin High School.

After the NEW8 championships, Sousa noted that he was "very pleased with the continued weekly improvement and overall

attitude of the team. "We've worked very hard and seem to be peaking at the right time."

One of Sousa's primary objectives in coming to MIT was to get the women's track and field program off the ground.

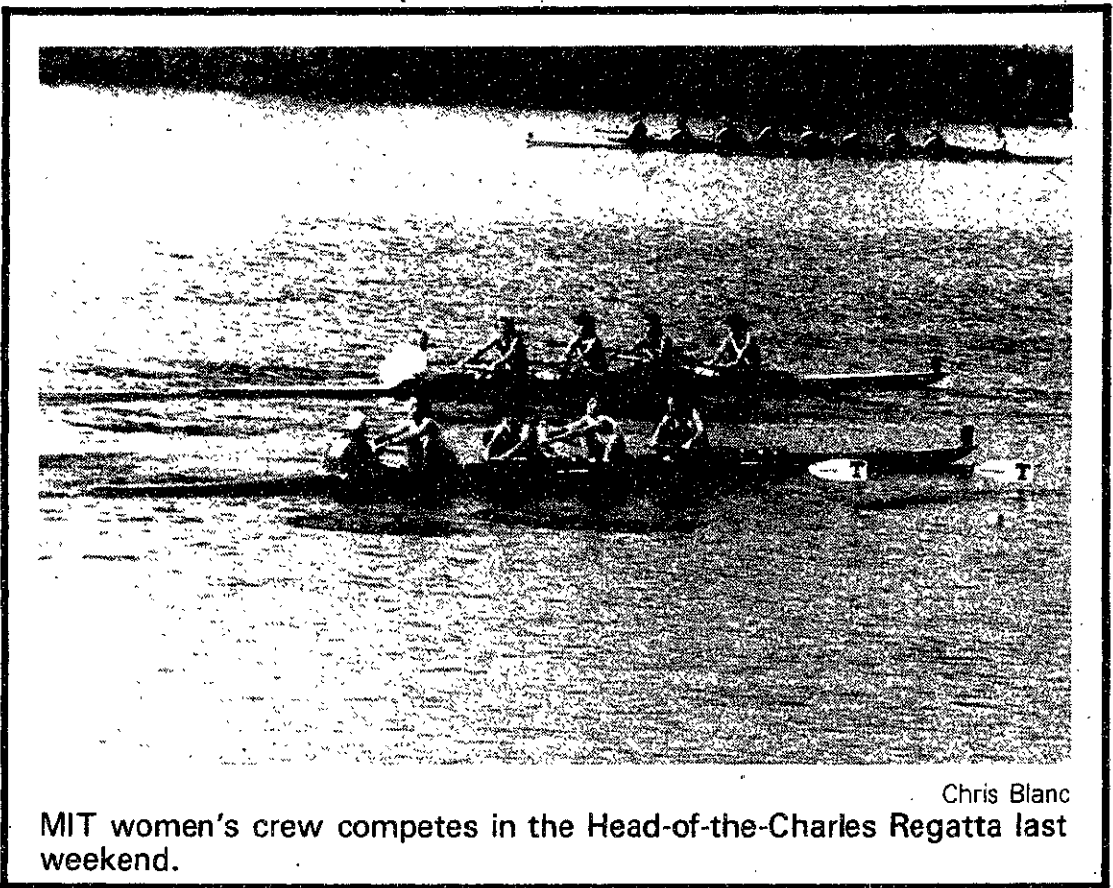


Photo courtesy Joe Sousa.  
Theresa Fuentes '91

"We are nearing the end of a successful cross-country season and are looking forward to track and field under coach Sousa," commented Fuentes.

The cross-country team travels to Northfield Mountain Saturday to compete in the All-New England Championships.

(Sharlene Day '91 and Theresa Fuentes '91 (captain) are members of the women's cross-country team.)



Chris Blanc  
MIT women's crew competes in the Head-of-the-Charles Regatta last weekend.

## Men's soccer crushes Curry

By Jennifer M. Moore  
The men's soccer team defeated Curry College, 5-0, last Thursday. MIT goals came from Stephan Feldgoise '92 (2), Jason Grapski '94, Willie Scruggs '92, and Marcelo Torres '91. MIT coach Walter Alessi felt that the game was simply a mismatch as the Engineers dominated the field.

MIT played offense the majority of the game, but this was made possible through strong defense. MIT had 18 shots on goal, while Curry had only five. MIT exercised good control through accurate passing and trapping. Co-captains Kent McCord '91 and Hannes Smarason '91 helped to control the ball in mid-field. Marc Bailey '91 had four assists.

The Engineers were faster and

more aggressive than the Colonels. This was apparent even in throw-ins, where MIT was both quicker and more accurate.

MIT took an early lead, then scored three more times in the last 12 minutes of the first half, with the second goal coming after the ball hit the top of the goal post and bounced back into play.

The second half was a bit less exciting. The only score came when the Curry goalie misjudged the play, and let the ball roll slowly behind him and into the goal. The most excitement came when the referee made a controversial call — which was quite often. In fact, there was only one call with which both teams were content: The referee stopped the game when two balls were in play.

In addition to the five goals,

quite a few MIT shots missed the net by inches, and a few corner kicks were almost converted to goals.

Curry also had some close shots. With 15 minutes left in the first half, a Curry shot veered slightly to the left, and barely missed the net. And with two minutes left in the game, Curry scored with a strong kick from mid-field.

The men's soccer team is now 6-3-1. Coach Alessi feels that this is a strong team, and "provided we win the next three games — which will all probably be close — we have a good chance to qualify for post-season action."

(Editor's note: Clark University defeated the Engineers, 4-3, on Saturday. See Sports Update, page 19.)

## Sun shines on Sunday regatta

By Becky Chang

The weather could not have been more perfect for Sunday's Head-of-the-Charles Regatta. In contrast to last year, which was cloudy, overcast, and very chilly, this year the Head-of-the-Charles took place on a warm, sunny day, with just enough wind to add interest to the race.

Crowds of students, who had come from all over the nation to watch the 25th anniversary of the regatta, milled around on John F. Kennedy St. — which was blocked off to traffic — sporting a wide variety of college and high school sweatshirts.

It was truly a sight to see, all part of a great American cultural, athletic, and social event. As Wellesley student Mary Thompson observed, "You don't get the full gist of the Head-of-the-Charles unless you're there in person."

Dan Peisach '90 added that the Head-of-the-Charles was a "national get-together."

Every moment was worth enjoying. Even during the breaks when no one was racing, one could take

(Please turn to page 21)

### Upcoming Home Events

Tues., Oct. 23

3:00 Women's Soccer vs. Colby-Sawyer

Wed., Oct. 24

3:00 Men's Soccer vs. Northeastern  
7:00 Water Polo vs. BC