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# The Tech

MIT Cambridge Massachusetts

Tuesday, November 22, 1983

## Hope dismissed after 11 years as dean

### McBay and Simonides both refuse comment

By Barry S. Surman

Mary O. Hope, assistant dean for student affairs at MIT for 11 years, last night confirmed rumors that she has been fired or asked to resign by Dean for Student Affairs Shirley M. McBay.

McBay last week "said that my services were not needed . . . and to have my things out by November 30th," Hope said. "I have no letter of termination, no letter of intent to terminate. That was just a verbal statement to me."

"I have no comment on personnel matters," McBay said in an interview yesterday. Asked if Hope is currently employed by the Dean's Office, McBay reiterated, "I have no comments on the subject."

Several Institute officials, speaking on the condition they not be named, said a personality conflict and Hope's sometimes outspoken criticism of McBay's leadership style and policies may have contributed to the decision to ask Hope to leave.

"I don't have any personality conflicts with her," Hope said. "She might have some with me."

Hope was absent from the Institute from Aug. 1 to Sept. 29 because of a knee operation, she said. "I had been out sick and [McBay] felt I hadn't been there enough."

Hope claimed her salary was cut without notification while she was recuperating at her daughter's home in California. That "misunderstanding" was later corrected, she said. "I got my money back."

Associate Dean for Student Affairs Robert M. Randolph, head of the Dean's Office section in which Hope works, said "There's more to the story than meets the eye. People are going to have to have some confidence in the integrity of Institute officials."

McBay's immediate superior, Vice President Constantine B. Simonides, refused to comment.

"We don't talk about personnel matters except with the person involved," he said.

Simonides indicated, however, that were an associate or assistant dean to leave the Office of the Dean for Student Affairs, budgetary constraints would not prevent hiring a replacement.

#### Letter said to identify issues

Hope said a letter she received from McBay identified "other

issues" that apparently led to her dismissal. Hope declined to elaborate, saying, "I would rather you see [the letter] than give you the wrong impression."

The letter was not at her home, where she was contacted last night, Hope said.

Hope confirmed, however, that her administration of the MIT Black Students' Conference on Science and Technology was one

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## Coffeehouse prices increase to pay fee

By Thomas Huang

The Student Center Committee voted at a meeting Sunday to recommend its 24-hour coffeehouse raise prices by 30 percent, with a 15 percent discount for students.

The committee voted 10 to 2, with 2 abstentions, to raise prices effective Dec. 1 in response to the requirement it contribute monthly to the MIT employee benefit fund.

The decision is subject to further discussion with the coffeehouse manager.

Students must show MIT identification to coffeehouse workers to obtain the 15 percent discount, the committee decided. The prices for students thus will increase by about 10 percent.

John Mark Johnston '84, chairman of the committee, said student activity leaders with whom

he met Saturday "wanted us to use the coffeehouse as a political weapon." Johnston had said at that meeting, however, he would not use such a weapon.

"This does not have to be a permanent increase," Johnston said. "If it doesn't work out, we can always change it."

"How much longer do we want to run at a loss?" asked Mark J. Brine '85, committee treasurer. "We ought to raise our prices now just to cover" the employee benefit charge.

John S. Lin '86, coffeehouse manager, estimated "it will take a 10 to 15 percent increase" in prices to replace losses incurred by the benefit charge.

Student groups which employ students must contribute an amount equal to 33.9 percent of

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## MIT scientist on Spacelab 1

By Ellen L. Spero

MIT scientist Byron K. Lichtenberg is a payload specialist on a space shuttle mission scheduled for launch 11 a.m. Monday from the Kennedy Space Center.

The launch of Shuttle Mission 9/Spacelab 1 was originally set for Oct. 28, but was delayed due

to problems with its solid rocket motor nozzle.

Shuttle Mission 9/Spacelab 1 is a joint effort between the Marshall Space Flight Center and the European Space Agency.

Lichtenberg, a technical staff member of the MIT Center for Space Research, received a doc-

torate in aeronautics and astronautics from MIT. He represents the United States in the Spacelab project.

Dr. Ulf Merbold of the Max Planck Institute for Metals Research in Stuttgart, West Germany, is the payload specialist representing the European Space Agency on the mission.

The responsibilities of the payload specialist "extend to the entire payload — that is, everything in the Spacelab," explained Professor Charles M. Oman '72, assistant director of the Man-Vehicle Laboratory in the MIT Department of Aeronautics and Astronautics.

A payload specialist is a "professional scientist, not a career astronaut," he said. Each group planning a Spacelab experiment could nominate two people for the position, Oman said.

Astronaut John W. Young, flying his sixth space flight will be mission commander. The mission pilot is US Air Force Maj. Brewster H. Shaw. Astronauts Owen K. Garriott and Robert Parker are mission specialists.

Spacelab experiments include a

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[McBay] know that a lot of people are going to care" about the effects of the benefit charge, the Office of the Dean for Student Affairs would be less likely to injure an individual group.

The Office of the Dean for Student Affairs will hold a meeting with students and members of the administration after Thanksgiving to discuss the benefit charge's impact, Witt said.

"The ball is basically in their court now," said John Mark Johnston '84, chairman of the Student Center Committee.

Those attending the meeting also considered long-term actions to maintain independent control of their finances.

Mark J. Brine '85, treasurer of the Student Center Committee said, "I have heard rumors that MIT does want to take over total financial control" of student activities.

The administration has suggested using the income of the Student Center Committee's game room to replace Dean's Office funding, he said.

Raymond E. Samuel '84, chairman of the Undergraduate Association Finance Board added, "There are lots of things going on which we are not made quite aware of until [the Institute makes] final plans."

MIT would take financial control of student activities "if we didn't get everything together within the next term or two," Witt said. That control would be necessary should MIT be audited, he said.

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Tech Photo by Simson L. Garfinkel

Assistant Dean for Student Affairs Mary O. Hope.

## Unity on fee sought

By Burt S. Kaliski

Student activity leaders decided at a meeting Saturday morning they must present a united front to Shirley M. McBay, dean for student affairs, to gain her support in waiving the employee benefit charge.

Michael P. Witt '84, president of the Undergraduate Association, contended, "If you let

## Hundreds view "Day After"

By Janice M. Eisen

Many of the hundreds of people who attended group showings of the ABC television movie "The Day After" Sunday night said they did so out of curiosity; but they appeared to leave sadder and angrier.

Viewers overflowed Hunting-

ton Hall (room 10-250); some sat on the floor and in the aisles. People also watched the film in rooms 4-231, 4-370, and 4-270, the Student Center television room and in most dormitories.

Faculty and staff counselors were "prepared to deal with the worst," said Robert A. Sherwood, associate dean for student affairs. He said some people might experience delayed reactions to the film, since it might be paralyzing at first.

The counselors were available at living groups, and the Dean's Office provided an emergency telephone number.

The Office of the Dean for Student Affairs had begun coordination of counseling activities more than two weeks ago, at the request of MIT religious counselors.

The reaction to the film was "a very impressive phenomenon" and he was "heartened . . . by this humanistic response," Sherwood said.

"A lot of people at MIT have been working on nuclear weap-

ons for years, and now there's really a feeling that it's gotten out of hand."

Most of the students interviewed before the show did not share Sherwood's apprehension. Many were curious: "It seemed like an interesting thing to see"; "It's a media event"; "It's very controversial"; and "It's on the cover of Newsweek."

Some students also said the show was an opportunity for those interested in disarmament to gather, but those with such interests seemed in the minority.

The audience appeared eager to see the movie; they began arriving in room 10-250 more than an hour before the 8 p.m. film, and filled the room by 7:30. The audience was representative of the MIT community, although only one child was taken to the show.

Robin Wagner G, member of Student Pugwash, the group which sponsored the viewing in room 10-250, introduced the show at 7:45, and urged those

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### Reminder

All entries for *The Tech's* photo and essay contests must be received in our offices, Student Center Room 483, before midnight, November 30.

Essays shall be on the topic "1984", and must be typed, double-spaced. They should be between 500 and 1000 words in length.

Photographs may be of any subject. They must be black-and-white prints, any size, and are limited to three entries per person.

Both contests are open to all members of the MIT community.

## inside

Project Athena committee awaits proposals from School of Engineering. Page 2.

Thanksgiving trip home lures new freshmen. Page 2.

A Communist plot in Charlestown. Page 7.

On the hunt for good Australian pop. Page 7.

# Athena projects seeks ideas

By Paul Duchnowski

A Project Athena committee solicited proposals for computer use earlier this month, but has received none yet, according to Cecilia R. d'Oliveira, assistant to the director of Project Athena.

No member of the School of Engineering has submitted a proposal yet, she said, mainly because of the "fairly late" publication of the guidelines.

The Resource Allocation Committee for the School of Engineering, one of four committees coordinating Project Athena, published "Guidelines for Proposals Within the School of En-

gineering" and distributed it to the faculty of the school Nov. 4.

The report "describes the range of projects for which faculty and others with major educational roles at MIT within the School of Engineering can request funding," its introduction states.

The committee's function is to "formulate procedures for soliciting proposals . . . for curriculum development projects using Project Athena facilities furnished by the Digital Equipment Corporation," and to "review the resulting proposals and make funding recommendations to the Executive Committee," an earlier report states.

"Faculty or other MIT personnel involved in education within the School of Engineering" can submit proposals, according to the report. Interested students should submit proposals through a faculty advisor.

The deadlines for submission are: Dec. 1, for projects starting during the Independent Activities Period or the spring term; March 1, for projects starting in the summer; and June 1, for projects starting in the fall.

The Resource Allocation Committee of the School of Engineering will select proposals for funding in January, April and July 1984.

Faculty members not in the School of Engineering should receive a separate set of guidelines this week, d'Oliveira said. Their proposals will involve use of equipment supplied by International Business Machines Corp., with an expected first deadline of Dec. 15, she said.

The committee expects to see a variety of proposals, according to the report. They include "programs to serve as a basis for problem sets" and "creation of new subjects that use Athena resources."

Other possible proposals involve use of computers in interdepartmental subjects such as thermodynamics and statistics; programs acting as tutors which would offer advice to students, guide them through problems and analyze their errors; and projects using computers in "the collection and analysis of laboratory data."

The Resource Allocation Committee, when evaluating a proposal, will consider the "potential educational value to MIT, . . . potential for affecting engineering education beyond MIT," innovativeness, and student involvement.

It will also examine the "degree to which the proposal fits into departmental and School-wide curricula," qualifications of investigators, "prospects for successful completion" and "some overall measure of relative worth," the guidelines state.

The report does not discourage "far out" ideas, and indicates that Athena is an experiment in education whose success is heavily dependent on the innovativeness of the proposals.

Those making proposals may assume these resources will be available: "a screen oriented text editor, some version of FORTRAN 77, C, LISP and PASCAL, a numerical algorithms library, a graphics package, . . . mail and file transfer programs and a text formatter." The graphics may be delayed until late spring 1984.

Digital has delivered about a quarter of promised equipment and is now installing it, according to Professor James D. Bruce ScD '60, director of Information Systems and chairman of the project's Administration and Operations Committee.

That equipment includes several VAX-11/750 minicomputers and Professional 350 microcomputers, some low resolution monochromatic terminals and a small number of high resolution terminals.

No IBM hardware has arrived yet, but a small amount is expected before the end of this year, Bruce said. Major shipments should come in late spring.

Digital and IBM's contributions, in equipment, support, software, and staff, will total nearly \$50 million. MIT has received pledges amounting to one-quarter of its \$20 million goal for additional funding, according to an October report.

## Students attract, inform hometown applicants

By Andrea Marra

The MIT Educational Council started a program this year "to provide good information to applicants about what it's like to be a student at MIT," said Bonnie Kellermann '72, coordinator of the program.

The Institute created the program, called Project Contact, in 1982, but did not organize it until this year, she said.

The 200 students involved in Project Contact visit high schools

in their hometown during Institute vacations and inform guidance counselors and prospective applicants about MIT, Kellermann said.

"Many high school students, teachers, and guidance counselors have misperceptions about what MIT is like," she said.

Dorkas Yao '86, program administrator, said, "From talking with applicants, I've found that they didn't have anyone to en-

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## Leaders review benefits

(Continued from page 1)

The Institute is presently attempting to obtain financial information about the groups, those at the meeting said.

V. Michael Bove G, chairman of *The Tech*, said "The Tech's been getting pressure to go on MIT payroll. We've just been stalling."

Brine said the Institute's auditors have requested that student activities submit information about their checking accounts. Neither the Student Center Committee nor its 24-hour coffee house has replied, he said.

MIT regulations require it approve the groups' checking accounts, said Keith I. Tognoni '84, business manager of *The Tech*.

Members of the MIT administration met with student activity leaders in late May to discuss the tax status of student activities. Some of the groups' incomes are not tax-exempt, Bove said.

"Although MIT is non-profit, for example advertising for *The Tech* is taxable. . . . If *The Tech* were to have to pay income tax on our advertising, it would not be a good thing," he said.

Stephen D. Immerman, assistant dean for student affairs, has suggested student activities "form a group solely within the MIT structure," Johnston said. Such a group would stay within the MIT tax umbrella but be autonomous.

"If we set up a reliable, dependable service that MIT accounting could trust, they would have no qualms about this," he said.

Kirsi C. Allison '84, chairman of the Association of Student Activities objected: "If we do this, we're getting one head together so it can be chopped off very easily."

### Opposing benefit charge

Witt said he believes many members of the MIT administration consider the benefit charge "a bad move." President Paul E. Gray '54 awaited McBay's return from a three-week trip to make further recommendations, Witt said, because administration members "want to see what their options are."

The Student Center Committee, Ye Old Muddy Charles Pub, the Thirsty Ear, and the Kosher Kitchen, which pay through the Student Employment Office, could "try devouching the

money back," Brine said. "We aren't offered any benefits."

Witt said he told Gray a tuition increase would be a better way to pay the charge for activities. "Why not spread it around to everybody?" Witt said.

The new agreement with federal auditors "makes research look cheaper," he said. MIT would not renegotiate such a good contract to spare student groups \$30,000, he contended.

Although Gray claimed students participated in the renegotiations, Johnston said, "I didn't know anybody who I knew had been brought in on the negotiation."

"Getting the support of the undergraduates should be one of our goals," Samuel said.

Students should enlist the aid of alumni to express a displeasure with the benefit charge, Allison said. "It seems to me the place that MIT listens to the most is where it gets its money," namely the Alumni Association, she said.

The Undergraduate Association cannot expect support from all student groups, Samuel said. "A group may have \$200. Unless they feel that \$200 is being jeopardized, they're not going to really care."

Allison argued employers of students in the Undergraduate Research Opportunities Program are not required to pay the benefit charge, because the new agreement waives the charge for that program.

"It is an academic program and not an employment program," she said. Student activities are also considered as part of the educational process, and should not be required to pay, she said.

Johnston said, "The best argument is we're not a budgeted activity. There's a difference between an MIT budgeted employee and a coffee house employee."

Bove suggested, "It would be interesting if the [Student Center Committee] coffee house raised their prices a lot and gave a 20 percent discount to anyone with a student ID."

Johnston replied: "We've tried to avoid using the coffee house as a weapon." The Student Center Committee, however, decided at its meeting Sunday to raise coffee house prices 30 percent and give students a 15 percent discount on the new prices.



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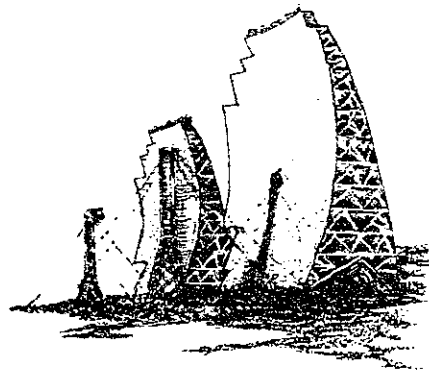
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# news roundup

## World

**Israel bombs Palestinian targets in Lebanon** — Seven Israeli jets bombed Palestinian guerrilla positions Sunday in Syrian-controlled mountains in eastern Lebanon. An Israeli plane, meanwhile, was reported shot down south of Beirut. Israel claimed it targeted Druse villages "in response to a long series of attacks and attempted attacks" against Israeli soldiers.

**Gunmen kill three in Northern Ireland** — Two men firing automatic weapons broke into a Protestant church in Darkley, Northern Ireland, killing three and injuring seven Sunday. Local residents believe the attack was in retaliation for the shooting of a Roman Catholic by a Protestant extremist group last summer.

**Walesa calls for opposition to price increases** — Lech Walesa urged his fellow Poles Sunday to oppose government increases in food prices. The Solidarity leader joined church and underground labor leaders, saying the price hikes "must be stopped." The increases, which average 15 percent, are the first step of the Polish government's attempt to "improve the effectiveness of implementation of socioeconomic goals."

**Deployment of missiles delayed** — Leaders in West Germany and Italy have urged the Reagan administration to publicize a nine-month delay in deployment of a second set of nuclear missiles in Europe as "the first real opportunity to see if the Soviets want to negotiate." The United States plans to deploy this year 41 of 572 planned Pershing II and cruise missiles. The remaining missiles are scheduled for deployment by 1988. The West German Parliament has begun debate on defense policy after 20 years of consensus among major political parties.

**American computer seized in Sweden** — The United States Customs Service seized an American-made computer bound for the Soviet Union, an official said Sunday. The seizure of the extremely sophisticated system represents the largest illegal shipment the customs service has ever intercepted. The system, a VAX-11/782, was built by the Digital Equipment Corporation and was sold to a South African company. A KGB agent in South Africa apparently engineered the smuggle attempt, sending the computer to the Soviet Union through West Germany and Sweden.

## Nation

**Sixty million view "The Day After"** — More than 60 million people watched ABC's controversial movie "The Day After" on Sunday. The movie, which detailed a nuclear war's effects on Lawrence, Kan., drew both support and criticism. Spokesmen for the Reagan administration contended the chances of a nuclear war are "miniscule" if the public backs administration policies. Kenneth Adelman, director of the Arms Control and Disarmament Agency, acknowledged the movie could damage political support for his policies. Scientists said the effects of a real nuclear war would be more devastating than those displayed in the movie.

## Weather

**Nice, mild fall weather continues** — Continued sunshine today with a high around 60. Tonight will be partly cloudy with a low around 40. Skies will be increasingly cloudy tomorrow, but the temperature should rise into the low 60s.

Daniel Crean

HOPE began in 1958 when Dr. William B. Walsh initiated a project aimed at international goodwill and understanding and submitted a plan for the world's first peacetime hospital ship. The S.S. HOPE has since been retired, but the work and activities of Project HOPE have continued worldwide.

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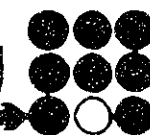
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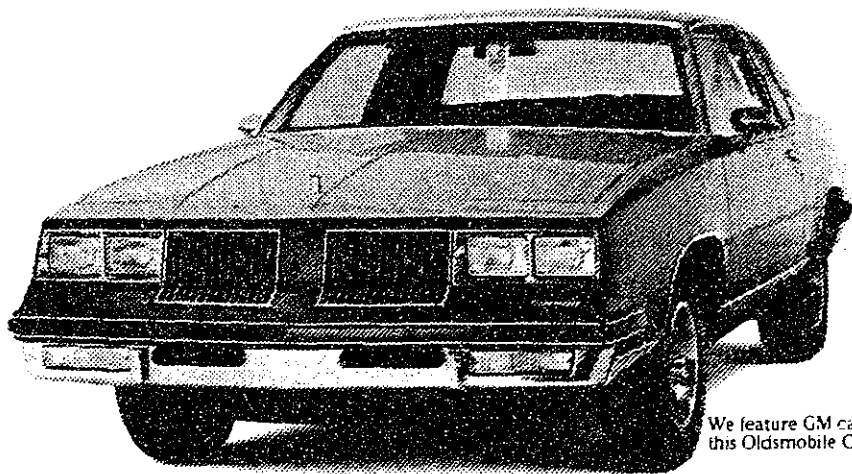
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# Opinion

Column/Peter Merkle

## Halt overcrowding the Course VI way

The electrical engineering and computer science departments at MIT are overcrowded. I wonder why so many people want to molest electrons for a living. I have never seen an electron myself, and I really don't think they exist. That doesn't keep a lot of companies from paying a lot of money for folks who know how to make the little devils do tricks, which just might be the reason Course VI is packed to the capacitors.

Big bucks go into a brass rat, and most people would like gold to come out of one rather than any number of other beaver by-products, so it is hard to fault the students here. Some measure of culpability must be assigned, however, to both students and faculty for not even trying to change things by the means they know best.

The electrical types have solved their problems in the past by making devices smaller and faster, saving space, time, and money. Course VI is running out of all three when it comes to teaching the clamoring hordes of young Faradays at MIT. Corrective action will be drastic, no matter what the solution. The answer should be obvious to all concerned.

The basic needs of electrical engineers are as follows: a computer terminal, a circuit board briefcase, an overworked TA, an unintelligible professor, and a case of Tab a week.

The first step in reorganizing Course VI is to limit enrollment

to students under 18 inches tall. MIT should next build a single dormitory/lab complex, with individual cubicles roomy enough to hold a terminal, circuit board, video screen, and a dispenser for amphetamine-enriched Tab. In this manner, TA's and professors can be linked via television to each student, and all assignments done through the computer. The centralized constant-flow Tab distribution system will serve a dual purpose, providing both nutrition and a means for dissipating the vast amounts of heat generated within. The student need never leave the cozy cubicle except for job interviews, since Lecture Series Committee movies can be brought in by cable.

I estimate that a structure the size of Baker House could comfortably accommodate ten thousand students. Designing and implementing this plan is a challenge worthy only of the genius of our faculty and students. Project Sisyphus, as I humbly call it, would fund itself by drawing vast amounts of money from cost-conscious industries and the Defense Department. Imagine the savings in placing a miniature high-speed electrical engineer in the nosecone of every nuclear missile.

It is through applications of technological expertise that the human condition can be improved. Project Sisyphus has the potential to solve all the problems Course VI could ever have, or ever want.



Column/Eric Sven Ristad

## Solved overcrowding problem by splitting Course VI in two

Recent proposed solutions to the Department of Electrical Engineering and Computer Science (EECS) enrollment problem fall into two categories: attempts to make the department less accessible and treatment of students as children or prisoners, rather than mature, free individuals. These solutions fail because they address the symptoms rather than causes of the problem.

EECS is, in fact, two departments with one department head. Computer science and electrical engineering have as much in common as do mathematics and physics. The disciplines do have something in common — MIT President Paul E. Gray gives very large scale integration research as an example. Mathematics and physics also share methods and fields, yet no one considers creating one department and another enrollment problem.

EECS should be split up and each resulting department adequately staffed. Further fragmentation is possible if desired: CS could be split into Computer Engineering and Computer Science, for example.

While this proposal is entirely a cosmetic solution, it defines the problem in a clearer light. The real problem is the general lack of qualified new faculty. This much deeper problem is not so easily solved.

MIT must encourage undergraduates to continue their education at the Institute through

the doctoral level, and then to become junior faculty members. This will increase the quality and quantity of faculty members.

If the solution is to be found in increased faculty hiring, other problems arise: How will MIT maintain faculty quality? Which majors are likely to vanish in thirty years? Which departments are likely to grow? Faculty staffing is a long-term project, and MIT must plan carefully.

A problem often mentioned in relation to the "enrollment problem" is "overenrollment" in Structure and Interpretation of Computer Programs (6.001) and Laboratory in Software Engineering (6.170). "Overenrollment" in this context represents an entirely different problem, and means "inadequate staffing and lack of computing resources."

Overenrollment in 6.001 occurs because its content is of interest to virtually all engineers and scientists. This suggests 6.001, or some version of it, be treated as an Institute requirement with regard to staffing and resource priority.

On the other hand, 6.170 is "overenrolled" because it is a requirement for Course VI-3. If all mathematics majors were required to take Methods of Applied Mathematics I (18.305) — a course essential to applied math majors but uninteresting to other math majors — the subject would soon become overenrolled. Poor

judgment in the design of the major in computer science is to blame.

The obvious solution is to reduce the number of required subjects in Course VI-3, allowing students to make mature decisions about the aspect of computer science that interests them. Classes like 6.170 and others similarly lacking in content would instantly lose their "over-enrollment" problems.

The real problems MIT faces are long-term, so additional proposals are required for the short-term. To deal temporarily with the apparent understaffing of EECS, instructors might be drawn from industry, through industry sabbatical programs; or from other departments in the way Linear Algebra (18.700) and Introduction to Algebraic Systems (18.063), both Course VI-3 requirements, are taught by the Department of Mathematics; or from foreign countries like Great Britain, where the publicly funded university system is shrinking.

MIT could, likewise, acquire computing resources from industry and borrow from other departments. One hopes Project Athena will implement the inter-departmental pooling of computational resources.

These proposals are only the framework of a solution. Acceptable solutions will only be found through the continued cooperation of students, professors, and administration.

# The Tech

Volume 103, Number 52 Tuesday, November 22, 1983

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## feedback

## Forum on EECS poorly timed

To the Editor:

The scheduling of the forum on departmental enrollment must not have been given much thought. Granted, the forum is about a subject which concerns the entire student body and all the various departments, but its main subject is to discuss how to decrease enrollment in the Department of Electrical Engineering and Computer Science (EECS). It is a well-known fact within the EECS department and others also, that most problem sets and various other assignments are due on Wednesday. As

students, we are not perfect and most of us do not finish our problem sets ahead of time, so that we may spend a few hours on Tuesday discussing problems in our department. Most of us are trying to finish two to three of those very demanding problem sets the EECS department is well-known for. I realize there is no perfect time, but when the subject concerns the EECS department, Tuesday is definitely not the day. A partial listing of those courses whose problem sets are due on Wednesday are: 6.001, 6.002, 6.003, 6.032, 6.012, 6.013,

6.041, and 2.40 (not an EECS course, but taken by many EECS students). A thing to note is that these are not obscure courses that are taken by a small percentage of EECS students, but practically the complete list of Course VI-1 requirements. If there exists a genuine desire to promote communication about the quality of life and education at the Institute and if the goal is to initiate expression among those whose ideas might not otherwise be heard, such practical concerns cannot be neglected.

Suzanne Pan '85

# Opinion

## feedback

### Opponent of "slavery" calls on Saxon to resign

To the Editor:

I was appalled to read that Corporation Chairman David S. Saxon '41 expressed his support for compulsory national youth service. Apparently Saxon believes that involuntary servitude, otherwise known as slavery, should exist in this society. Saxon is using his position to promote the belief that each individual is owned by society. As MIT corporation chairman, Saxon repre-

sents a great threat to individual rights in this country. I must therefore demand Saxon's resignation. Slavery and its proponents have no place in a free society. If Saxon's belief in involuntary servitude is sincere, he can go to one of the many countries whose governments share his ideas. I'm sure that most of them would welcome him.

David Krohn G

### Do not reveal movie plot

To the Editor:

Your recent movie review by Drew Blakeman of *The Dead Zone* [Oct. 25] was a real spoiler. When I start reading a review, I expect a certain amount of background, to get me interested in the movie. I do not expect to read a complete synopsis of the plot, especially of a suspense

film. It really spoils a lot of the movie to be told that the hero is killed at the end.

A movie reviewer has a difficult job of discussing a movie that the reader has probably not seen, without revealing too much.

Mr. Blakeman revealed far too much.

Henry Minsky '84



## feedback

### Boycott Greyhound

To the Editor:

I strongly urge the MIT community to boycott Greyhound Lines during the current strike. As an alternative, please consider travelling with Trailways, Am-track or Airways — all of which are offering up to 50 percent discounts during the strike against Greyhound.

The Greyhound management, which is predicting a \$40 million to \$60 million profit in 1984, is demanding a 20 to 30 percent benefit cut from its workers: operators, \$6229 reduction; terminal workers, \$4229 reduction; maintenance workers, \$4466 reduction; and office workers, \$3508 reduction during the next year.

The Greyhound assault on its workers is only the latest attempt by US corporations to bring American workers to their knees. President Reagan began the assault on workers by busting the air traffic controller's strike early during his administration. His action signalled the beginning of a dark age for the workers. Since then, workers in many fields have been forced into wage and benefit concessions. We students, who have experienced federal financial aid reductions, must stand in

solidarity with workers against further wage reduction and against further cuts in student financial aid.

In Boston, Greyhound depends substantially on business from college students, especially during the Thanksgiving Day season. For those of us who come from working families, it is in our interest to boycott Greyhound Lines. After all, which workers or students are next?

Arnold Contreras '84

### Seeks "forum" for other movie about disaster

To the editor:

On Saturday, Nov 26, at 11:30 p.m., WCVB-TV, channel 5 in Boston will air a film that every concerned citizen should see. Set in New York in 1997, it graphically portrays what our overcrowded jails and exponentially increasing crime rate can lead to. It is entitled "Escape from New York." The importance of this film mandates a panel discussion afterward, which will be held in a broom closet outside Room 10-250.

Michael J. Natan G

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You have 15 days from final publication of this notice (December 7, 1983) within which to file a formal protest to the granting of the subject application and to request an opportunity to be heard. You may also ask that a hearing be held on the application pursuant to Section 303.14(e) of the Corporation's Rules and Regulations. Should you desire to present your views orally before a representative of the Corporation designated for that purpose or at a hearing held pursuant to Section 303.14(e), you must accompany your request with a brief statement of your interest in the application and the matter which you wish to discuss. If the Corporation determines that a hearing or other form of oral presentation should be allowed, you will be advised of its date, time and location.

This notice is published pursuant to Section 303.14(b)(1)(ii) of the Rules and Regulations of the Federal Deposit Insurance Corporation.

BayBank Harvard Trust  
By Michael D. Holmes, President

# Panel debates concerns of nuclear war

(Continued from page 1)

who might become distressed to call the emergency number. Many in the audience laughed.

The audience was restless during the first part of the film and engaged in a great deal of conversation, breaking into applause at a mention of Boston and hissing at mention of other universities.

The audience, however, was silent at the moment of the film's first nuclear explosion, and remained subdued through most of the rest of the film.

A student said, "For a person who loves to blow things up, and who loves special effects movies when things get destroyed, I couldn't wait for that five minutes [of explosions] to be over."

The majority of the audience left immediately after the film ended at 10:15. Most people interviewed later said they were emotionally affected, but the movie was not as graphic as they had been led to expect.

Many said they felt the film's message had not been powerful enough, although one student said he thought "this movie was the beginning of something — an attempt to portray something very few people understand."

Most expressed annoyance at what they described as overdone publicity preceding the movie. One wondered, "What were the motives of ABC? What did they hope to achieve?"

One student wondered if people would have been as shocked were a Soviet city destroyed. Several said the film minimized the results of a real nuclear conflict.

## Panel discusses film

A small part of the audience remained after the film for a panel discussion, which lasted slightly more than one hour. Wagner moderated the panel of Brandeis University Professor Morris Schwartz; Aaron Bernstein, MIT physics professor; Father Bob O'Donnell, a Catholic chaplain at MIT; and Bernard Feld, MIT professor of physics.

Each member of the panel spoke briefly before Wagner

opened the floor to questions. Schwartz, who is a representative of Physicians for Social Responsibility, an anti-nuclear weapons group, said that the showing was the third time he had seen the film. "I must be a masochist."

"The film makes vivid what we all know: that a nuclear war is a catastrophe beyond words," Schwartz said. The film "challenges us to find new ways of thinking and acting."

Bernstein, who is chairman of the MIT Faculty Disarmament Study Group, said he thinks the film "spoke for itself. . . . 'Peace through strength' is a euphemism for an endless arms race."

He then stated that one nuclear weapon could have done the same damage to Kansas City as the several nuclear devices in the film. "More makes us less safe, not more safe." He urged students to help end the arms race.

O'Donnell discussed the anger and frustration he feels knowing that people are firing nuclear missiles at other human beings. "This doesn't have to happen," he stressed, and asked the audience to oppose the "momentum of crisis" which could start a nuclear conflict.

Feld began: "It's hard to discuss the real issue, which is: What can we do about it? . . . Everybody has known for the past 40 years that these weapons must never again be used."

The most important concept, Feld said, is that no circumstance could justify first use of a nuclear weapon. He urged the audience to press the United States, Great Britain, and France to join the other nuclear powers in agreeing to a doctrine of "no first use."

The question and comment period was lively, with much argument among audience members and with members of the panel. The first speaker read from a book he said was written by Aleksandr Solzhenitsyn, which states that the Soviet Union would never reduce its weaponry.

The speaker said the United States must maintain a parity with the Soviet Union so "they can't blackmail us."

Feld responded that no member of the panel advocates unilateral disarmament, but was interrupted when a man stood and yelled, "You telling us what to do is the problem! You experts! We have sat here for 40 years being told what to do! What is MIT going to do?"

Scattered applause was heard as the man continued to yell. Schwartz attempted to respond, but was interrupted by the first speaker, who read another passage from the book, stating that the United States has always unilaterally reduced its arms, but the Soviet Union never has.

Another audience member interrupted the speaker and argued that the Soviets are not as powerful as their propaganda indicates. The first speaker responded that the Soviets have more weapons than the United States does.

Wagner succeeded in quieting the argument and allowed Bernstein to respond. He discussed multiple independently-targeted warheads (MIRVs), and said, "We MIRVed first."

The United States has initiated every step in the arms race, "a race to oblivion," Bernstein said. The audience applauded loudly. "We don't want to live under the Soviet form of government, but these weapons won't save us."

The discussion calmed, as a questioner asked what individuals could do to prevent nuclear war. Schwartz said they should try to stop the deployment of nuclear missiles in western Europe, and work for election in 1984 of candidates who would not continue the arms race.

O'Donnell then urged a no-first-use declaration. Feld argued his support for a nuclear freeze: "If you're driving toward a precipice, you don't argue whether it's better to turn right or left, or if you went fast enough you could even jump over it. You stop."

Later speakers decried a lack of understanding between this country and the Soviet Union. Schwartz said, "The first thing is to stop calling them names."

An audience member suggested

the military and the arms industry are the real enemy. A man who said he was in the US Navy and served on a nuclear submarine responded, "I just do my job. . . . I don't make the decision, it's the decision of an educated populace that elects the government they deserve." His comments received applause.

The discussion ended with talk of a new space defense policy, derided by panel members as "nonsense" and "self-defeating." Bernstein said, "We won't negotiate when we're ahead, because we're ahead; we won't negotiate when we're behind, because we've got to catch up."

Feld concluded the discussion: "If 20 years from now we are sitting in this auditorium, asking the same questions, we will have accomplished something."

Wagner said she was pleased by the attendance at the 10-250 showing. "It's good that people viewed it collectively."

She said she was very moved by the film. "It was difficult to stand up there" and hold the discussion after watching the film.

## Contacting applicants

(Continued from page 2)

courage them" to apply for admission to MIT.

"Their alumni interviewers were not very accurate in describing what MIT is like now" to most applicants, she said.

The aim of Project Contact is to present a realistic image of MIT to prospective students and to answer their questions, Yao said.

Students will contact preliminary applicants during the long weekend, since "about one-half of the preliminary applicants do not follow through and send in a final application," Kellermann said.

Members will also meet with MIT educational councilors to ensure they present a realistic image of MIT.

# notes

## Listings

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

## Tuesday, Nov. 22

A special series of events commemorating the 20th anniversary of the death of John F. Kennedy will be held today at the JFK Library in Boston. A concert, film presentations, and reception will take place. For more information and directions, call Jim Williams, 929-4552.

## Wednesday, Nov. 23

Today is drop date, and students are reminded they must have signatures on correction cards, which will not be accepted by the Registrar's office. If your advisor is unavailable, contact your undergraduate office or department headquarters.

## Tuesday, Nov. 29

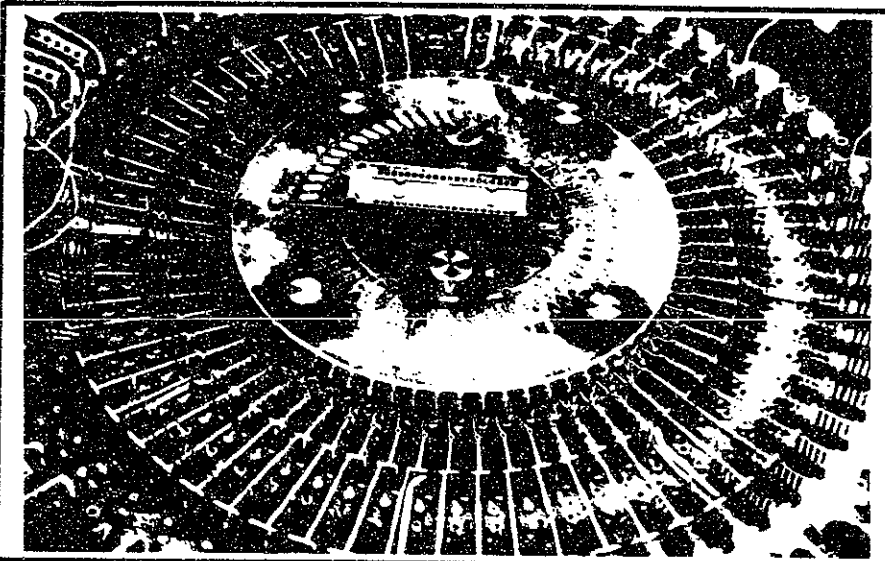
An historical examination of the relationship of typography to architecture opens today at the MIT Museum, 265 Mass Ave. The exhibit runs through 27 January, and features books, architectural plans, letter forms, and broadsides.

**Marvin A. Guiles,**

*I love you with all my heart  
— now and always. Happy  
Anniversary!!*

*Yours Always,  
Kara*

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# Hunting and collecting Aussie pop

# ARTS

Hunters and Collectors at Spit, Thurs., Nov. 10.  
**The Fireman's Curse, Hunters and Collectors on Virgin Records (UK import).**

And yet another Australian band makes its mark on the American music scene. The band, known as Hunters and Collectors, are a long cry from the sounds of Men at Work or AC/DC. Combining the hard driving rhythm of a funk band with the dischordant vocals of a punk band, their sound is one of the more original to emerge this year.

The band consists of nine members plus Wang, a rather dilapidated looking hot water heater played by percussionist Greg Perano. Their unusual sound is very much a group effort, combining Mark Seymour's poetic, but schizophrenic lyrics, the bizarre noises (varying from trains to monster howls) of Geoff Crosby's keyboards, John Archer's driving bass rhythms, and the horn playing of John, Jeremy and Michael. Greg Perano described their music as being "fairly emotive... it's really strong. It's very sweaty, psychotic music — you can't really describe it as being any single form."

With members varying from a sixth generation Australian to a small town New Zealander with no formal music training, Hunters and Collectors are certainly not your average pop band. Perano, telling how such a varied and large group ever managed to come up with any music, laughed and said, "We just sort of eliminate anything that's that recognizable. It's a really arduous task writing songs in this group. I think it's probably worked in the way that we've come up with some strong music, because we haven't fallen back on the traditional all the time, or followed a trend."

Despite their diversity, Hunters and Collectors know how to write accessible music. Unfortunately, they have for the most part been overlooked by all except college radio stations, and almost entirely ignored by the British music scene. Perano seemed to think the reason for this is "because we didn't allow ourselves to be sold and we were signed to a major record company (Virgin records) which made it hard to retain any sort of credibility on an independent level. And they (Virgin) wouldn't push us so we were sort of stuck on the shelf. They look at everything from a fashion

aspect, like something that they think is going to be a commodity and is not necessarily going to last a long time. And we're not it."

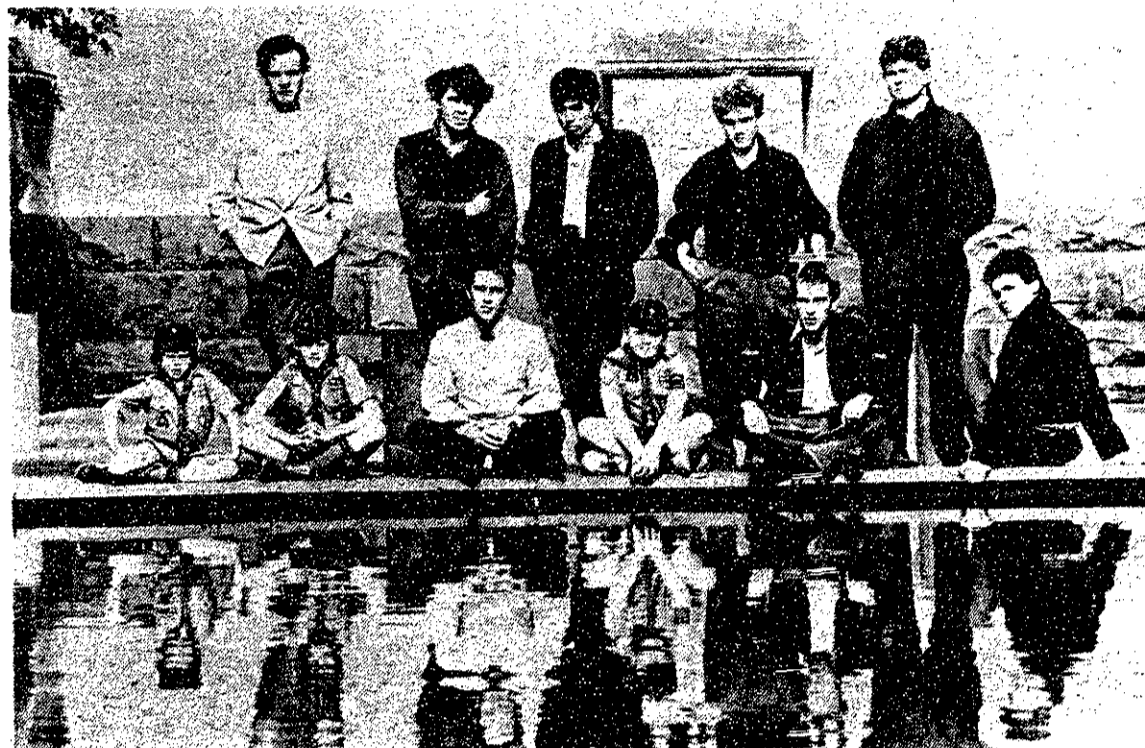
Hunters and Collectors avoid pop trendiness; Mark Seymour (who writes most of the lyrics) has penned numerous political, moral, and religious songs. Their latest album, *The Fireman's Curse*, includes a song entitled "Judas Sheep," which talks about the sad state of the world today

that "the vocals are just another part of what's actually going on." This statement exemplifies what Hunters and Collectors are all about. Each member and his instrument is an integral part of the band, adding a unique but somehow necessary touch.

Live, Hunters and Collectors vary from dynamic to dragging, alternating their best songs with others which are far more mediocre. Overall, their show was one of the

This set included a brilliant rendition of "Run Run Run", where Hunters and Collectors worked themselves up into a wall of frenzied noise just to the point when they seemed to lose all control. The music collapsed, and Mark Seymour's voice emerged once more, wailing over the final strains of the Moto chant. These abrupt switches from a schizophrenic hardcore sound to almost poppy melodies, as well as their bizarre intensity, are probably the most notable parts of Hunters and Collectors live show. Perhaps with time, their live show will become slightly more refined, just as their second album *The Fireman's Curse* was an enormous step upward from their first one.

The first album was a definite indication of Hunters and Collectors' potential, but as most DJ's were quick to point out, the songs were just too long and repetitive for radio airplay. However, *The Fireman's Curse* should soon sway these critics. The album is produced by Conny Plank, who is known for his work with greats such as Brian Eno, Ultravox, Roxy Music, Killing Joke, DAF, Kraftwerk, and even the Stones. There are few songs on the record which drag, and several which positively excite ("Sway" and "Judas Sheep" being two of these). The best material from *The Fireman's Curse*, combined with some new tunes, should be released as a domestic album early next year on A&M Records.



where everyone is blindly following evil like a herd of sheep.

*Mother I have lost my arms  
 She says, use your charms son  
 I says smell that fear mother  
 She says off your knees son  
 Our friend the Judas sheep  
 He's dressed up like the compost heap  
 Our friend the Judas sheep  
 to the top of the heap...*

"Drinking Bomb" describes the British beer-drinking welfare-dependent society:

*I'm gonna flood the national-debt  
 with drinking-bomb  
 Oh, it's such a hard-option  
 One full pint of  
 Consumer-based recovery  
 Four beds to a room, and counting  
 And we're never gonna work again...*

When asked about the opinions expressed in some of the lyrics, Perano admitted that he did not necessarily agree with all of them, but at the same time pointed out

## HUNTERS & COLLECTORS

more intense I have seen this year, but definitely left room for improvement. The set got off to a slowish start with several songs from *The Fireman's Curse*. Although these were highlighted by two of their best songs, "Sway" and "Talking To A Stranger", the complete effect was slightly redundant. However, towards the end of the set, the band moved into a four song run which left everyone in the club stunned and clamoring for more.

The name Hunters and Collectors comes from a the name of a popular song by the legendary Australian band Can. Yet when asked about it, Perano felt that the name had become "tedious". But the band is far from tedious. On the contrary, *The Fireman's Curse* is an absolute must, and if they continue at the same pace, their next appearance in Boston is certainly worth looking forward to.

Sofia Ames

# Lucy and Desi meet Friedrich and Karl ARTS

**We Won't Pay! We Won't Pay!**, by Dario Fo, translation by R. G. Davis, directed by Downing Cless, presented by Stage Left. Now playing at the Charlestown Working Theatre (442 Bunker Hill St., Charlestown) through December 17. Call 242-3534 for information.

There is no theater as such within sight of the Sullivan Square MBTA station. The Charlestown Working Theatre is in a converted firehouse in the square, and what a better place for an inflammatory play than in a converted firehouse. Indeed, the drab exterior belies the Party atmosphere within.

The play centers around the household of Antonia and Giovanni, two poor Northern Italian factory workers. Antonia, portrayed vivaciously by Debra Wise, would be just another screwy redhead were it not for the Communist tirades she continually directs in asides to the audience.

The play opens with Margherita, played by the beautiful Veronica Lewis, demanding to know where her neighbor Antonia has gotten more food than she can afford.

Antonia tells her younger neighbor of the days events. She has participated in a communal uprising at the local supermarket, providing herself and all the neighborhood women with free food; hence the name of the play.

Antonia's husband Giovanni (George Capaccio) comes home before the women have a chance to hide the food. Margherita is forced to conceal some of the food under her coat, and Antonia makes up an extremely far-fetched story of instant pregnancy to explain the large belly, which the simple-minded Giovanni swallows like pasta al denté.

Luigi, Giovanni's friend and Margherita's husband, also returns early after having participated in a worker's uprising on the commuter train. Luigi (Eric Menyuk) is representative of the thinking worker in the play. He understands and embraces the principles of communism as his own, thereby creating another outlet for revolutionary rhetoric.

The play is heavily laden with slapstick comedy, which provides ample relief from



the virtually incessant propaganda. Suspense abounds as well — for us, not the least of which was wondering whether the set would hold up for the entire performance (which it did not the night we were there).

The bad-guy Capitalist establishment is embodied in the character of a Carabinieri (an Italian Secret Service man) a clinched-jawed, trench-coated fiend, just the kind of person you would expect to find gleefully foreclosing the mortgage on the orphanage, or showing bamboo slivers under the fingernails of a recalcitrant informant. The Carabinieri shows up to search the apartment for the stolen food. David Perrigo plays this part brilliantly, in addition to

portraying three other characters in the play.

This multiplicity of roles is a running gag throughout the play. Indeed, at no time did the players take themselves too seriously — a good move on their part. A more high strung crew would not have been able to deal with the flubbed lines and the occasionally broken props.

These actors would all benefit from a less political atmosphere. The play succeeds as a comedy, and to a lesser extent as a social commentary. It ends with a glorious (though short-lived) worker's revolution, continuing the overall sense of a comic farce.

Simson L. G. [unclear]



# McBay dismisses Hope; refuses comment

(Continued from page 1)  
of the issues listed in McBay's letter.

## Strong justification needed

McBay would need justification far more substantial than a conflict of personality or administrative style to dismiss an employee of Hope's standing, administration sources noted. Some speculated charges of ineffectiveness or malfeasance against Hope may be behind McBay's action.

The dismissal "shouldn't be a public issue," Randolph said. "It's not in the best interest of the parties involved or of students." "I'm not out to embarrass the Institute," Hope said, "I care too much about it." She also said has not ruled out legal action against MIT.

Much of Hope's attention as assistant dean has been directed to advising minority students and minority student groups, and advocating their interests within the Institute.

## Students, alumni react

"Mary Hope has been a strong advocate and supporter of the women students as well as minorities," said Elizabeth J. Salkind '85, president of the Association for Women Students. "We will fight for her as she has for us."

"The credibility of the Dean's Office and students' willingness to confide in them has been seriously damaged," Salkind said. "Students don't believe that the

deans have our interests at heart."

The president of Black Alumni of MIT, Dr. Michael Fant '73, said his group was "shocked and surprised" by rumors of Hope's dismissal.

"We are trying to gather a sense of the facts," Fant said. "With a clearer picture, we'll make a further response."

The Black Students' Union is "extremely concerned" with Hope's dismissal, according to a statement issued last night by co-chairman Deborah Rennie '85.

Hope "has been effective and supportive in her dealings with students," the group stated. "... We do not believe that her dismissal is justified."

Rennie said her group has collected 190 signatures on a separate statement supporting Hope and seeking an explanation for her dismissal, but declined to release a complete text of the petition.

In a letter addressed to MIT President Paul E. Gray '54, and distributed to students and administrators, Arnold Contreras '84 characterized the dismissal as

part of a "conservative, reactionary direction the MIT administration is pursuing against the black, Chicano, Puerto Rican and Native American community on campus."

"Dean Hope has been the only reliable advocate for the minority students, ..." Contreras wrote. She "has never failed to support

or console us, especially at times when your administration could care less."

Raymond Samuel '84, chairman of the Undergraduate Association Finance Board, said without Hope's advice and support he probably would not have remained involved in student gov-

ernment. "I don't know what I would have done without her," he said.

Hope said she does not yet know what she will do come the end of the month. "I love my job; the students were my life," she said, but "I don't foresee" taking another job at MIT.

## notes

### Announcements

The **Second Annual MIT Food Collection Drive** is on through November 24. Donations of non-perishable food can be made around campus all week.

The 1983-1984 **I. Austin Kelly III Competition in humanistic scholarship** is now open. Two prizes of \$250.00 for scholarly/critical papers in literary studies, history, musicology, anthropology, or archeology will be awarded. For details and contest rules, stop by room 14N-409, or call x3-4441.

The MIT Writing Program reminds students that various prizes for writing are awarded every year. Prizes are given out for freshman writing, manuscript-length works, scientific writing, and engineering writing. For more information and rules for entry, contact Muriel Zimmerman, x3-6475.

The MIT U.H.F. Repeater Association offers radio communications assistance to any MIT event free of charge. If you or your group are interested, contact Richard D. Thomas, room W20-401, or call 354-8262 for details.

MIT bicycle riders should be aware of the passage of a new law requiring use of a headlight by any bicyclist riding at night. For an informational pamphlet, call 491-RIDE.

The Registrar's Office reminds students that **November 23 is drop date**. Correction cards will not be accepted without all necessary signatures. Be sure to obtain all signatures well before the deadline, since drop date is the day before Thanksgiving vacation, and some offices may close early that day. Contact your advisor or department headquarters with questions.

### CUSTOMER INFORMATION FROM GENERAL MOTORS

## RECALLS: WHY THEY OCCUR. HOW TO ANSWER ONE ON YOUR CAR.

When General Motors orders a recall, we believe we are providing an important service to our customers and showing again how GM stands behind its products.

Every car we manufacture has 14,000 or so parts which must be interchangeable. Although the reliability of parts in GM cars rivals that of the parts we supply for lunar rockets or for commercial jets, problems sometimes occur and probably always will.

You can't repeal the law of probability. Somewhere a machine tool may wear unexpectedly fast, or a material may have an invisible contamination.

General Motors tests its vehicles for millions of the dirtiest, dustiest, roughest, coldest, hottest miles imaginable. We even put our newly developed vehicles and parts into thousands of taxis and other fleets in dozens of locations all over North America. The goal: to put on real-life mileage fast. But even this is not the same as billions of miles driven by customers through every possible road, climate and maintenance condition.

Then the law of probability comes into play, especially since we produce millions more vehicles for North America than any other manufacturer. Although all car and truck manufacturers—both foreign and domestic—have recalls, we're a little more noticeable because of our numbers.

If you receive a recall notice on your car, you may feel like taking a gamble and ignoring it. Please don't. Answer it promptly. Follow the instructions in the letter. Recalls are initiated to protect your safety or to keep your car in good running order.

We publicize recalls so car owners will be aware of them. By federal regulation, General Motors has to notify owners by letter and report to the government on the progress of a recall for 18 months. We go beyond the federal requirements. GM dealers send follow-up letters to owners if no response is received the first time. In addition, GM dealers can use our CRIS (Computerized Recall Identification System) to tell you instantly of any recall work necessary on a vehicle recalled during the last 7 years. This is important to know when buying a used car. Ask any GM dealer for this information.

If you hear on television or radio of a recall which you think applies to your car, please follow these steps for your convenience.

—First, wait until you receive a letter from us saying your car has been recalled. It may take some time before mailing lists can be compiled and parts can be distributed to the dealers.

—Then call your dealer and give him the recall campaign number supplied in the letter. He will arrange an appointment to have the repairs made. This could save you time and could help the dealer to schedule his busy service department.

If you have read or heard in the media about a recall campaign, but don't receive a letter within a month, ask your dealer to check the dealer bulletin or CRIS to see if your vehicle is affected. Give the dealer your vehicle identification number, which you'll find on your car's title, registration or warranty folder. It can also be found on the instrument panel just inside the windshield on the driver's side.

There are cases in which the auto manufacturers and the government differ over the seriousness of a problem. And these instances sometimes receive a great deal of publicity. But such situations are the exception.

Almost all of our recalls are voluntarily started by General Motors before the government is involved.

If your car needs to be recalled for any reason, please don't ignore the notice. Taking care of those problems in your car is good for you and good for us.

This advertisement is part of our continuing effort to give customers useful information about their cars and trucks and the company that builds them.



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## SUPER TYPISTS CRAZY HOURS

6-10 PM? 6-11 PM? Midnight to 8 AM? 9 AM to 1 PM? Weekends? Holidays? If you type 70 wpm or better, we need typists for draft transcriptions. Exp. not necessary. Interesting lectures, interviews, conferences, etc. No correspondence. This work will be done in our own offices. Call 423-2986. Downtown or H. Sq.

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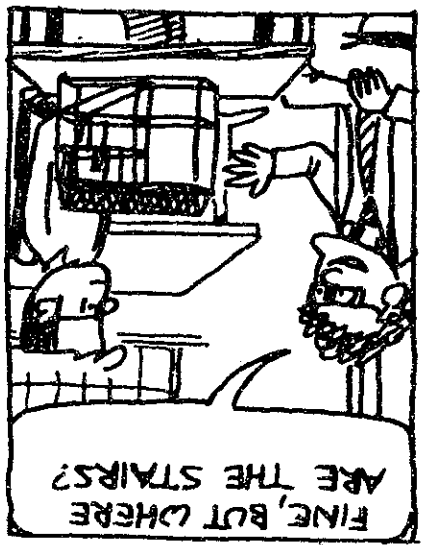
# comics



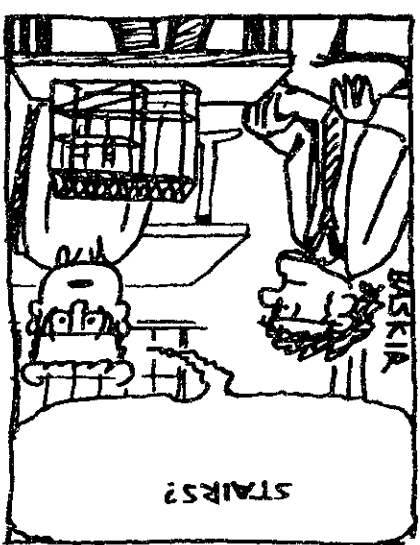
THAT'S A FATHER UNUSUAL DESIGN, PADI!



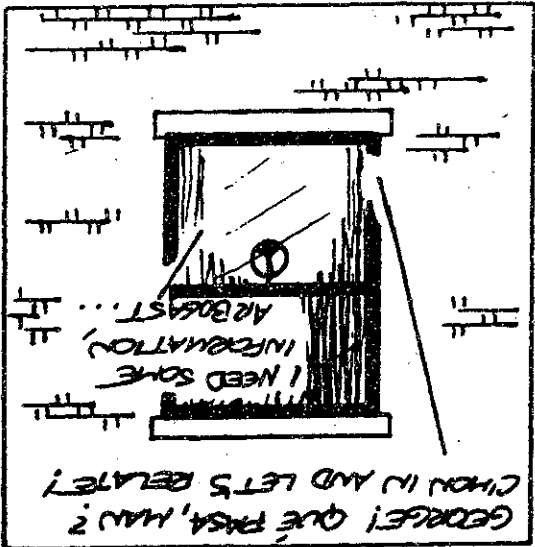
WELL, I DECIDED TO GO FOR A SALT-LEVEL, ATRIUM EFFECT WITH A BASEMENT GARAGE



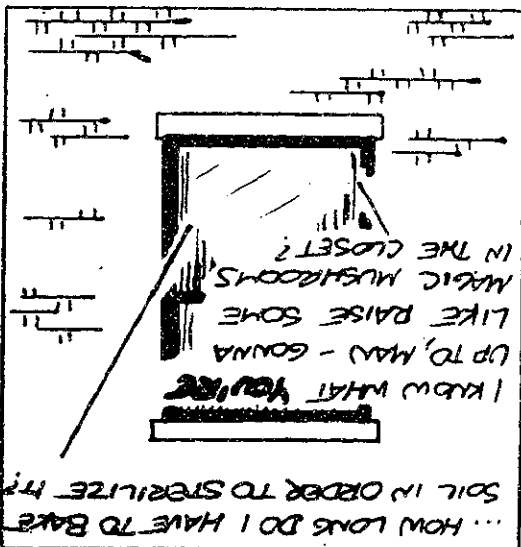
FINE, BUT WHERE ARE THE STAIRS?



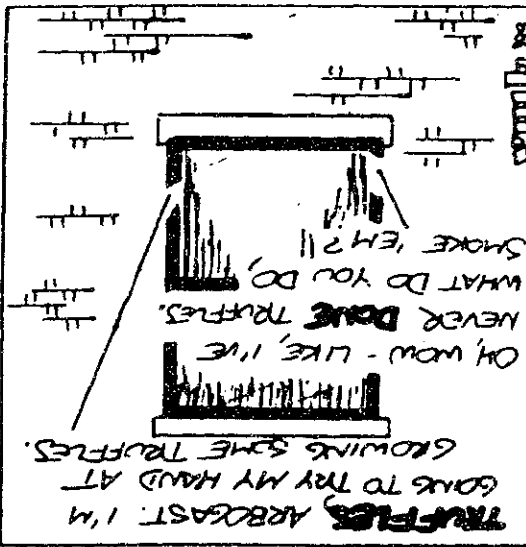
STAIRS?



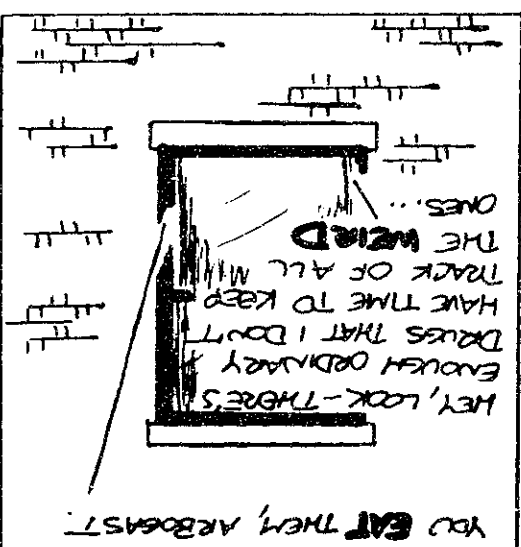
GODDAM! GUE PASKA, MAN? CHOW IN AND LET'S RELATE?



...HOW LONG DO I HAVE TO BAKE SOIL IN ORDER TO STERILIZE IT?



TRUFFLES, ARBOGAST, I'M GOING TO TRY MY HAND AT GROWING SOME TRUFFLES.



HEY, LOOK - THERE'S ENOUGH ORZBASTY, I DON'T HAVE TIME TO KEEP TRACK OF ALL THE WARD ONS...

Stickles By Geoff Baskir

Outside Looking In By V. Michael Bove

Space Epic By Bill Spitzak

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## UA News

### Last Chance to Join Course Six!

As you already know, it seems likely that the institute will act this month to limit enrollment in course six. This may take the form of new admissions procedures (e.g. admission by department), or some sort of "hurdle" for sophomores to survive in order to gain admission to course six.

The faculty will probably call a special meeting shortly after Thanksgiving to discuss and act on some proposal. The Faculty Committee on Educational Policy has called an emergency meeting today at 5:00 pm. The Student Committee on Educational Policy will hold a meeting of its own at 10:00 pm for next term will include a Mardi Gras (off-campus) and a February ski trip. Anyone interested in working on these projects or joining the class council is invited to stop by any of the '86 meetings, Monday nights, 7:00 pm, in the Baker Master Suite Lounge. For more information, call:

### Attention Funny People!

Submission deadline for MIT's humor magazine *Tool and Die* is December 22, 1983. All submissions should either be brought to the weekly meetings (Tuesdays at 5:00 pm, room 400 of the Student Center) or send to:

### Class of '86 News

The Class of '86 has been very active this year, sponsoring ice cream or-gies, T-shirt sales, barbecues etc., etc. A full report will appear in the next UA Newsletter after Thanksgiving. Sophomore class sponsored activities for next term will include a Mardi Gras (off-campus) and a February ski trip. Anyone interested in working on these projects or joining the class council is invited to stop by any of the '86 meetings, Monday nights, 7:00 pm, in the Baker Master Suite Lounge. For more information, call:

Gabriele dl-8780  
Suzanne dl-8777  
Lauren dl-8777

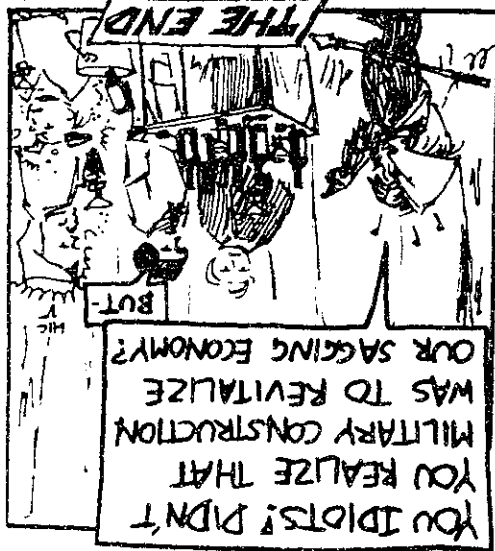
### Wanna be Published?

Are you a writer, artist, or photographer? *Kune*, a journal of literature and art run by MIT students, is looking for submissions for its 1984 spring edition. Send written work to 14E-310 (three sheets containing name, address and phone number, and a self-addressed, stamped envelope if submissions can not be returned through interdepartmental mail. Call Currie Decker (dl-6162) to arrange for delivery of art, graphics of photography (and dimensions; B&W preferred). And if you want to join the *Kune* staff, come to any meeting Thursday night at 7:30 pm in 14E-304, or call Frances Wu at 254-3368.

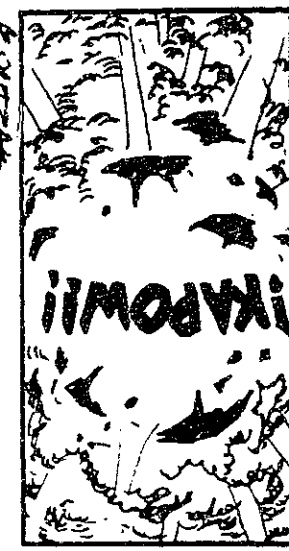
### Emergency Medical Technicians

Are you an Emergency Medical Technician (EMT)? Do you want to be- come one? Do you know what an "EMT" is? Find out at the non-bureau- cratic (non-greasy) EMT Organization- al Meeting on Tuesday, November 22 (today) at 4:30 pm in the Student Cen- ter Mezzanine Lounge. If you can't be there, leave your name and number at dl-8324 and we'll let you know what happens.

or Mike Witt at 3-2696.  
For information, call Steve Barber at dl-6121, or leave a message for Steve on this issue.



YOU IDIOTS! DIDN'T YOU REALIZE THAT MILITARY CONSTRUCTION WAS TO REVITALIZE OUR SAGGING ECONOMY?



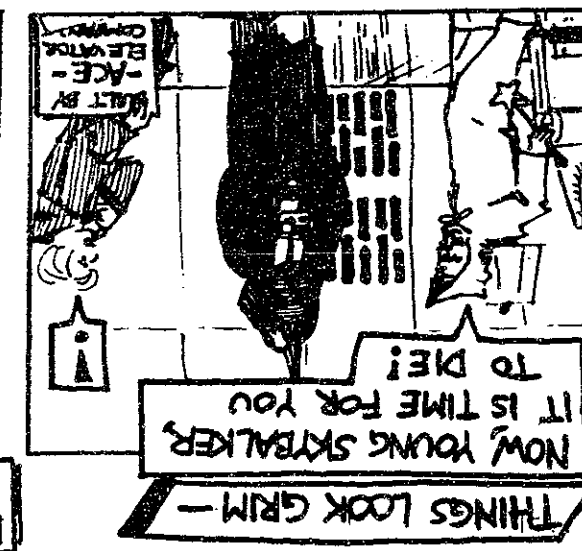
KIPPOW!



OH NO! CORNY ENDING OVER-LOAD! OUR CIRCUITS CAN'T HANDLE IT!



BUT DARK NADIR SAVES THE DAY!



NOW, YOUNG SKYALKER, IT IS TIME FOR YOU TO DIE!

# Central Intelligence Agency

## *Careers with a Challenge*

---

Representatives from our headquarters will visit MIT 28-30 November 1983 to recruit for Engineers, particularly EEs and Computer Specialists, Mathematicians, Overseas Intelligence Officers, Physicists, Economists, Chemists, and Foreign Area Specialists.

You are invited to attend our substantive briefing on career opportunities in Room 16-310 at 4:30 p.m. on Monday, 28 November 1983.

Sign up now for interviews on 29 or 30 November in the Career Planning and Placement Office (12-170).

# Coffeehouse to raise prices

(Continued from page 1)  
 their payroll to the employee benefit program. The Student Center Committee will be charged about \$25,000 each year.  
 Committee member Suzanne Greene '84 opposed the increase. "Are the students going to be informed prior to the increase?" she asked. Greene said some students do not always carry an MIT identification card.

"It's bad policy to change prices in the middle of the term," she said. "When I'm working at the register, everyone will be arguing with me over the prices."

## Study of space sickness

(Continued from page 1)  
 study of space sickness and human sensory adaptation to weightlessness. Professor Laurence R. Young '57, director of the Man-Vehicle Laboratory, is coordinating the study.

German Spacelab mission D-1 and Spacelab 4, both scheduled for 1985, will continue the study. "We seek to establish that space sickness is . . . another form of motion sickness by demonstrating that an individual's susceptibility and symptom pattern can be predicted on the basis of appropriate preflight tests," Oman wrote in a paper on motion sickness entitled *Space Motion Sickness and Vestibular Experiments in Spacelab*.

"Motion sickness research conducted both on earth and in Spacelab early in the shuttle era will thereby help optimize crew performance on all later missions," the paper states.

Investigators working on the motion sickness experiment include Oman, Professor Young, Lichtenberg, Kenneth E. Money of the Canadian Defense and Civil Institute of Environmental Medicine and Douglas G. D. Watt of McGill University.

John M. Lee '86, committee member, disagreed: "We should [raise the prices] Dec. 1 to make a statement" against the benefit charge. "It will have much more impact."

The Student Center Committee originally planned to raise its prices by 40 percent, with a 20 percent discount for students. The committee changed the plan when it faced opposition by committee members.

Mary K. Bayalis '86, member of the committee, said, "An increase of 40 percent will get people too mad to realize what our statement is."

### Radio society to contact shuttle

The MIT Amateur Radio Society will try to contact the shuttle while it is in orbit, according to Carl Pietrzak '85, secretary of the group.

"We hope to talk to Owen Garriott every day," he said. Garriott is the astronaut who will communicate with civilians.

Garriott will broadcast daily an invitation to any licensed amateur radio operator to call in and identify himself, Pietrzak explained. Garriott will then repeat call signs he receives.

"Since they know about us specifically, because Lichtenberg is affiliated with MIT, we are hoping to get a longer conversation with Garriott or Lichtenberg," Pietrzak said.

"The shuttle will be in range for an eight minute period each day [after Wednesday] and will be 100 miles above us at its apex," he said.

"This is the first time that civilians will be able to talk with an astronaut in space."

Pietrzak and Edward J. Kim '86 will represent the MIT Amateur Radio Society in communication with the shuttle.

Lin agreed: "If we raise our prices by 40 percent, students might get their food from someplace else," he said. "We must get our customers to sympathize with us — not get mad at us."

Committee member Franci J. Yenca '86 suggested, "We should hang a sign to the effect of 'Don't blame it on us. Blame it on . . .'"

The 24-hour coffeehouse will keep a petition on which customers can "flame," Lin said.

"The discussions [on the benefit charge] have been bad," Johnston said. "I mean it's good they've been happening. . . . But right now is our last chance."

William M. Hobbib '86 said, "So it's a protest. Do we hope to get the students riled, so that they'll go and complain to [Dean for Student Affairs Shirley M.] McBay?"

Johnston replied, "We have to get everyone in the community to realize the effect of this charge on" student activities. "Our statement has to be concrete — not in the garbled language of *The Tech*."

### Fails to elect chairman

The Student Center Committee failed to reach the majority required to elect a new chairman for next term. Hobbib and James S. Person III '86 ran for the office.

Chairman elections require that a majority of the committee's members vote for one person. Twelve of the 18 members cast votes. The vote was undecided, Johnston said.

## notes

### Tuesday, Nov. 22

An organizational meeting of emergency medical technicians at MIT will take place at 4:30 p.m. in the Student Center Mezzanine Lounge. Call x5k-8324 for more information.

Israel and the Middle East Today is the subject of a seminar offered by the MIT Center for International Studies. Featured speaker is Professor Dan Avni Segre of the University of Haifa. The seminar takes place in room E38-762; for more information, call x3-8067.

### Wednesday, Nov. 30

Alice S. Rossi, of the Department of Sociology at UMass will speak tonight on *Beyond the Gender Gap: Women's Bid for Political Power*, as part of the Cambridge Forum series. The talk begins at 3 pm, and is free and open to the public, and will be held at 3 Church Street in Harvard Square. For more information, call 876-6444.

Today is the last day to purchase class of '85 tee-shirts. The shirts are on sale at the Donut Stand in lobby 7 and in Lobby 10.

The Professional Council will hold a dinner meeting tonight at the MIT faculty club, featuring Dr. Evelyn Murphy, Massachusetts Secretary of Economic Affairs, as the guest speaker. Murphy's speech begins at 7:30 p.m., preceded by cocktails at 5:30 p.m. and dinner at 6:30 p.m. Cost is \$18.00. For more infor-

mation, call Patricia Gray, 723-7700, x304.

The Tech Community Women present the *Annual Winter Crafts Fair* in Lobby 10 from 8:30 p.m. until 5 p.m. today and tomorrow. Handcrafted items, baked goods, and other items will be on sale.

### Wednesday, Dec. 7

The 26th annual African Association meeting begins today at the Boston Park Plaza Hotel, and runs through Dec. 10. The theme of this year's conference is *The Food Crisis in Africa*. Fee for student participation is \$15; for more information, call Jane Martin at 353-3673.

### Ongoing

School Volunteers for Boston is putting out a call for computer-literate college volunteers to assist elementary, middle, and high school students in developing their computer skills. There is some course credit available for this field training. If you would like to help, call School Volunteers for Boston at 267-2626, or the MIT Volunteer Placement Office, x3k-4733.

### Announcements

The *Second Annual MIT Food Collection Drive* is on through November 24. Donations of non-perishable food can be made around campus all week.

## THIS WEEK AT SYMPHONY HALL

# SIMON RATTLE CONDUCTS THE BSO

FRIDAY, NOVEMBER 25 AT 2:00 PM  
 SATURDAY, NOVEMBER 26 AT 8:00 PM

BOSTON SYMPHONY ORCHESTRA  
 SIMON RATTLE, conductor

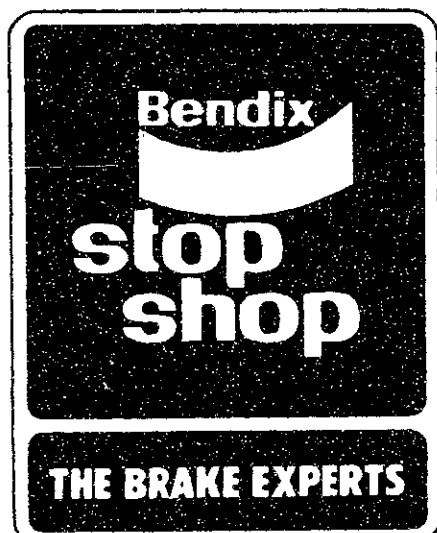
DALE DUESING, baritone  
 MARGARET CUSACK, soprano  
 MARCUS HADDOCK, tenor

FAURÉ 'Pelléas et Mélisande' Suite  
 HAYDN Symphony No. 90  
 JANÁČEK Music from 'The Cunning Little Vixen'



RUSH SEATS, specially-priced, first-come, first-served rush tickets priced at \$4.50 (one to a customer) are available for the Friday and Saturday subscription concerts only. Rush tickets go on sale in the Cohen Annex Lobby on Huntington Avenue at 9 am on Fridays and 5 pm on Saturdays. For information call (617) 266-1492.

# 7 SIGNS THAT TELL YOU WHEN TO LOOK FOR THIS ONE.



1. Brakes are squealing.
2. Brake pedal feels mushy.
3. Car pulls to side when you brake.
4. Brake pedal or steering wheel shakes.
5. Brakes grab with the least pressure.
6. Brake pedal is too hard.
7. Warning light is on.

These could all be the signs of serious brake problems. Get a free brake inspection today at your neighborhood brake service specialist.

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**Disc Brake**  
**Service**  
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If semi-metallic disc pads are required, add \$14.

Includes new front brake pads, new grease seals, wheel bearings repacked, front rotors resurfaced, master cylinder and hydraulic system checked. Also check rear brakes and road test car. For imported and U.S. cars with conventional rear-wheel drive. Prices will vary for front-wheel drive, depending on vehicle model.

Warranted 12 months or 12,000 miles, whichever comes first.

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# Sports

## Hoop drops opener to U. of N.E., 77-60

By Eric R. Fleming

The men's basketball team, playing without injured co-captains Chris Wilson '84 and Mark Johnson '84, opened the 1983-84 season Saturday afternoon with an uninspired performance in Rockwell Cage. The University of New England (UNE) took a substantial 35-22 halftime lead and never looked back on the way to a 77-60 win over the Engineers.

The visiting Red Knights had some trouble finding Rockwell Cage, but had little difficulty finding the hoop after the first five minutes of the game.

UNE employed a full court trap against the young Tech five, resulting in numerous MIT turnovers. The Red Knight offense pulled down rebounds for second and third shots when the bombs of leading scorer Dean Johnson (20 points, 16 in the first half) did not fall in.

MIT got off to a good start, but found UNE's press harder to penetrate as the game continued. When the Engineers did manage to move the ball in the front court, the offense could not get untracked against UNE's man-to-man defense. MIT gave up 16 turnovers in the first 20 minutes and only shot 10 for 30 from the floor and two for six from the line.

The second half went somewhat better for the Engineers, but not well enough. The game eventually degenerated into a garbage-time exhibition, lapsing into occasional sloppiness. Siberian-temperature shooting from the charity stripe plagued the Engineers, six-for-16 in the half and a miserable eight-for-22 overall. The biggest improvement came in the number of MIT turnovers, which dropped from the first-half 16 to 11.

High scorer for the Engineers was Mike McElroy '87 with 12 points and nine rebounds. Charlie Theuer '85 chipped in with eight points, including three good drives to the hoop, and three blocked shots. Bud Taddiken '85 scored just four, but pulled down nine boards and won the "floor burn" award for the contest for eliciting charges from the opposition; unfortunately for MIT, the officials missed a couple of charging calls that Taddiken thought he had drawn.

The Engineers will be in action again tonight at Babson College before going to New York for the University of Rochester Tournament Saturday and Sunday. MIT will play the host Yellowjackets Saturday in the contest's second game. Denison University and Carnegie Mellon will meet in the opener.

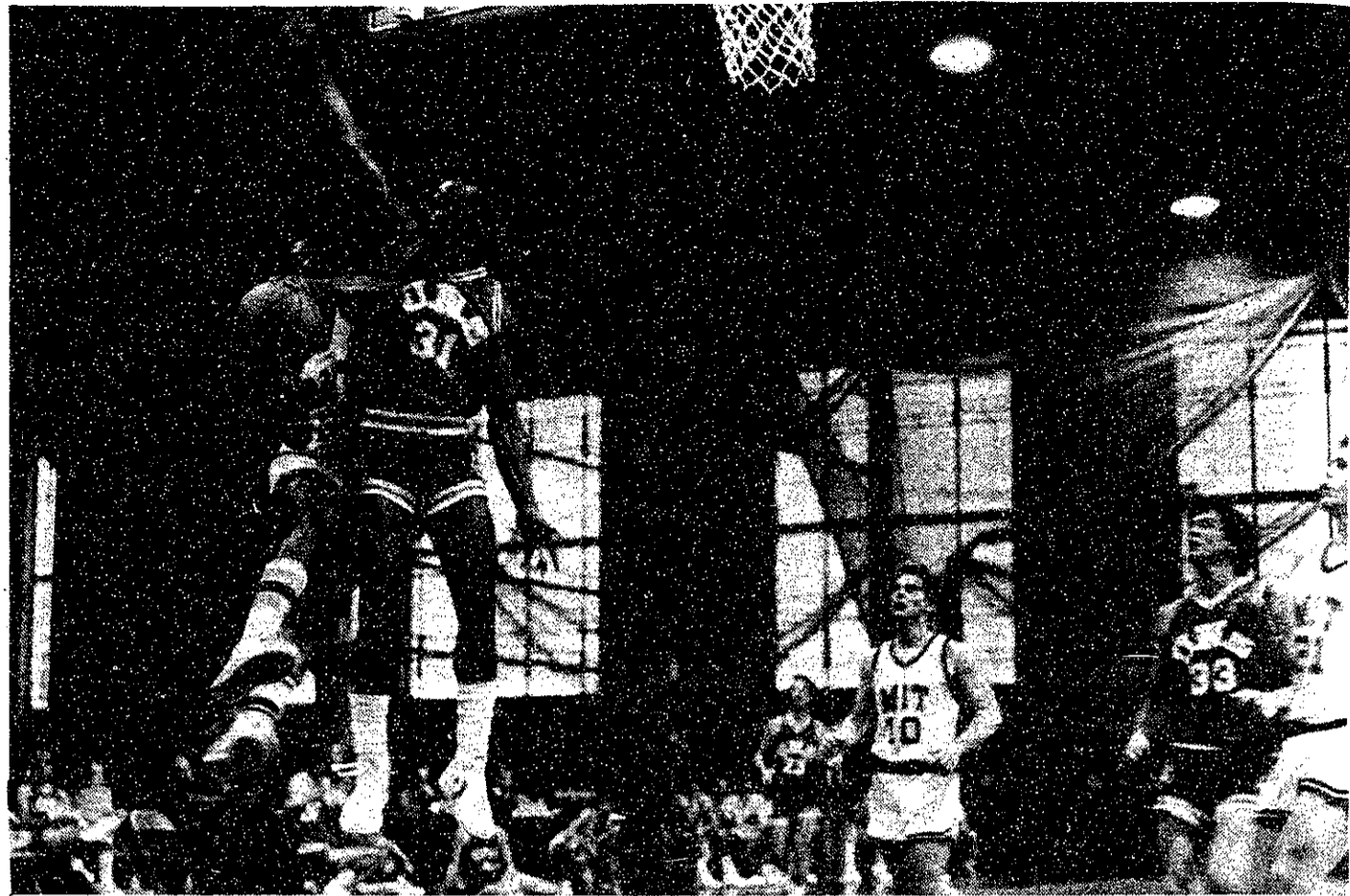
The team returns home the following Wednesday for the start of a pre-Christmas homestand. The Tufts Jumbos will provide the competition at 7:30 p.m. in Rockwell Cage.

## Pistol team outshoots Coast Guard Academy

By Len Rafuse

The varsity pistol team took a trip to New London, Connecticut Saturday and defeated the United States Coast Guard Academy 3124-2945.

Jon Williams '84 led the free pistol event with a 262 out of 300, followed by Len Rafuse '84 with a personal best of 255. Dave Martin '85 fired a 558 out of 600 in the standard pistol to lead the team in that event. Roberto Landrau '85 contributed consistent shooting in both free and standard pistol for a combined match total of 785 out of 900 points.



Randy Nelson '86, number 20, drives around the tough defense of Sidney Holston during MIT's loss Saturday to the University of New England.

### Update

## Wrestlers win two matches

The wrestling team opened its 1983-84 season by crushing Massachusetts Maritime and Plymouth State in duPont Friday evening.

Tim Cooper '84 (190 pounds) and Keith Landfair '84 (unlimited) each had a pin in the Engineers' 31-15 win over Mass. Maritime. Tim Skelton '85 (126), Ken Shull '84 (142), Steve Ikeda '85 (150), and Mark Meyers (158) also won their matches.

The Engineers got pins from Skelton, Meyers, and Landfair in the team's 31-21 victory over Plymouth State. Shull, Ikeda, and Ed Cashman (177) also bested their opponents in the winning effort.

The team will be at home again December 2nd for a quad-meet against Maine Maritime, Bowdoin, and Wesleyan at 1 p.m. in duPont.

### Rifle takes tri-meet

The rifle team continued its winning ways Saturday, winning a tri-meet with Dartmouth and the United States Coast Guard Academy in Hanover, New Hampshire. The final score in the competition was MIT 2162, Coast Guard 2157, and host Dartmouth 2152.

### Swimmers second in Charlie Battermans

The men's swimming team placed second of four teams at the Charlie Batterman relays at the Alumni Pool Saturday afternoon. MIT finished behind Wesleyan University, but defeated Southeastern Massachusetts and Bowdoin Universities.

Martin Dickau

## Fencing skewers Dartmouth

By Martin Dickau

Both fencing teams continued their winning ways Saturday afternoon, thrashing visiting Dartmouth College. The men dominated in all three weapons en route to their 24-3 victory, while the women's squad also won handily, 11-5.

Anne Huber '86 won four bouts, two by shutout, and Ann Zabrudoff '86 allowed only one touch against in her three bouts

to lead the women. Vivian Wang '84, Penina Axelrod '85, Diana Tener '86, and Anne Lavin '85 also earned a victory apiece.

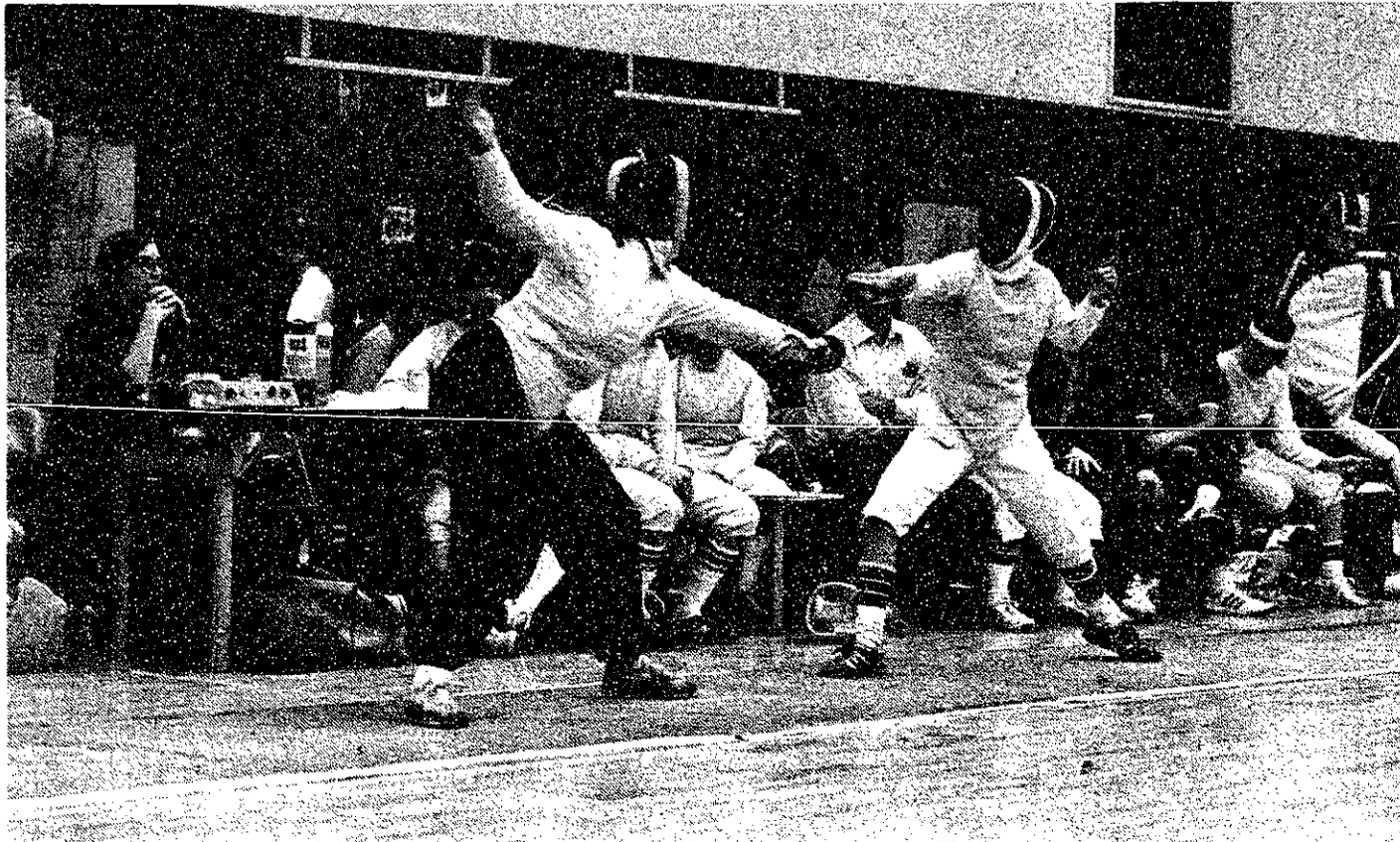
The men had an even easier time dispatching the visitors from New Hampshire. The trio of Ed Schmitt '86, Matt Scott '85, and Dan Turner combined to blank Dartmouth in sabre 9-0.

Foil was much the same, as John Sheffield '86, Mitchel Messer '85, and Russell Holtz '84

came away with wins in eight of the team's nine bouts.

Epee, too, encountered no insurmountable difficulties. Rex Kochanski '85, Dan Lord '85, and Alan Williams '85 contributed two victories each, and Carl Schweppe also had a win in the 7-2 effort.

Both the men and women will be in action again tomorrow night, when MIT hosts Harvard and Rutgers at 7 p.m. in duPont.



Tech photo by P. Paul Hsu

Diana Tener '86 scores a point against her opponent from Dartmouth in Saturday's match in duPont.

## Final intramural soccer standings

A-League				Division 2			
	W	L	T		W	L	T
Hellones	5	1	0	NRSA	4	0	1
Brazilians	5	1	0	TEP	2	2	1
CL-Yes	1	4	1	PIKA-Paths	2	3	0
EAPS-Wanderers	0	5	1	ADP/WILG	1	2	2
				FUJC	1	2	2
				Theta Chi	0	3	2
Division 1				Division 3			
SAE	5	1	0	MGC-Crazed Heathens	3	0	2
LCA	4	2	0	MG-J-Entry-Virgins	3	1	1
Delta	3	2	1	MGC-Entry-Jokers	2	1	2
Phi Deltas	2	4	0	Burton Four Players	1	2	2
Sigma Chi	0	5	1	EC-The Deadlings	2	3	0
				Burton Two Knights	0	4	1
Division 2				Division 4			
Baker	5	0	1	Desmond/German Hae.	5	0	0
Alpha Dels	3	2	1	NW2-Joe Soccer Team	4	1	0
FUJC	3	3	0	NW3-NTS	2	2	1
Next House-A	1	3	2	Conner 3	1	2	2
Kappa Sigma	0	4	2	Bak-Ding-Ho	1	3	1
				MGB-Killer Bees	0	5	0
B-League				Division 5			
AEPJ-Strikers	5	0	0	Next House-C	3	0	2
BTP-Ball Busters	4	1	0	RUS-Zubik's Revenge	2	1	2
PKS-Skully	2	3	0	EC-Headbangers	2	1	2
Theta Chi-B	1	3	1	BU-Flamingoes	1	2	2
Sig Ep-B	1	4	0	MGE-Mace	1	1	0
Delta Upsilon	0	4	1	EC-Mighty Alibads	1	3	1
				Division 6			
PLP-Gash-Mashers	3	0	2	EC-Lame Duckbills	3	1	1
ND-Da Gunchers	3	1	1	MGA-The A-Team	3	2	0
PKT-Peckers	3	2	0	BU-Penguins on Grass	2	1	2
ZBT-Flounders	1	2	2	Burton Five Smokers	1	2	2
CP-Kicks in the Grass	1	3	1	MGE-Vigilantes	1	2	2
Ran-the Whoppers	1	4	0	Burton #1	1	3	1
				Playoffs			
Division 3				A-League			
Chem-For Kicks	4	1	0	Round 1			
Bio-Geneticks	3	1	1	6 ADP	3		
Rolling Stones	2	1	2	Delta	2	LCA	0
Nuclear Eng	2	1	2				
Inorg. Chem.	1	3	1	Semifinals			
Aero Astro	0	5	0	Delta	2	Baker	0
				SAE	3	Fiji	1
Division 4				Finals			
PBE-Megaskullers	4	1	0	SAE	3	Delta	1
ATO-Adams Family	3	2	0	Champions: SAE			
DKE-Blow Me	3	2	0	B-League			
TDC-B	2	3	0	Quarterfinals			
Zeta Psi	2	3	0	Betas	3	BU 3rd	2 OT
DP-Flying Monzins	1	4	0	CSC	2	PBE	1 OT
				ChemE	2	PLP	0
Division 5				AEPJ	2	Hydos	1 OT
Burton Third Bombers	4	0	1	Semifinals			
BU-Glenn's Revenge	3	1	1	AEPJ	2	ChemE	0
EC-Ravioli-oli-o's	2	3	0	Beta	3	CSC	0
NW4-Umbros	2	3	0	Finals			
Bak-Gary's Gefilte Fish	1	3	1	Betas	4	AEPJ	1
Bak-Kickbacks	1	3	1	Champions: BETAS			
NW4-Umbros	2	3	0	Playoff Notes:			
				SAE's goalie collided with another player in the semifinal game against Fiji, and painfully broke his leg. Despite this, SAE went on to win the A-league championship... Beta beat AEPJ in the B-League final, though they finished below the Strikers in the regular season standings... The A-League Independent Final between the Hellenes and Brazilians was called off during overtime, due to "overly unsportsmanlike conduct" according to intramural soccer manager John Shu.			
Division 6				C-League			
CSC-Wasps	3	1	1	Division 1			
Hydos	3	1	1	PSK	3	0	2
KSA	5	2	0	ZBT-Sliders	3	0	2
EC-Beast from the East	1	3	1	TX-Bozons	2	1	2
Senior House	1	3	1	AEPJ-Coaliggers	1	3	1
Ashdown-B	1	4	0	Phi Delta Theta	1	4	0
				STU-The Studs	0	2	3

Compiled by Andrew Beil