



Tech photo by Dan O'Day

Alpha Phi sponsored the second annual Nerd Auction during Saturday's carnival. The money raised will go to the Boston Children's Hospital. For more Spring Weekend pictures, see photo essay, pages 6 and 7.

## GSC survey affirms housing shortage

By Earl C. Yen

A survey of graduate students showed that 46.1 percent want to be housed on-campus, according to Norman M. Wereley G, president-elect of the Graduate Student Council (GSC).

MIT can presently house only 26 percent of all graduate students, Wereley said.

Over 1600 graduate students responded to the survey, which was organized by the Academic Projects and Policies Committee (APPC) of the GSC. The survey was distributed to 4000 graduate students through registration advisors and at DuPont Gymnasium on Registration Day, Wereley explained.

The survey asked a variety of questions focusing on student life and academics. The GSC will issue a full report on the survey results in the summer, Wereley said.

### Housing issues dominate

The survey showed that 8.8 percent of the respondents would not have chosen to attend MIT for their graduate studies if they had known of the housing shortage for graduate students.

"That number was very surprising. That comes to 440 students," Wereley said, projecting

the percentage over the graduate population. "That's enough to justify building a dormitory."

"You would think that most people who come to MIT are willing to make certain sacrifices," he continued. But other top-notch schools may offer greater funding or have cheaper off-campus housing, Wereley suggested.

The survey asked a number of other housing-related questions:

- **Housing tenure proposal.** A clear majority of both on-campus and off-campus graduate students were opposed to the idea of limiting the number of years a graduate student can reside in MIT housing. Over 73 percent of on-campus respondents and 54 percent of off-campus students were opposed to a tenure process for graduate housing.

- **Crime.** Fifteen percent of off-campus graduate students said they had been victimized by crime at least once while at home. Only 9.6 percent of on-campus students said they had been the victim of a crime at home.

More than 80 percent of the female respondents said personal safety and security was a factor

## Moses: Course VI needs limit CUAFA to vote on restricting Class of '91 majors

By Andrew L. Fish  
Second of two parts

"I see no alternative to restricting admission [to the department]," said Professor Joel Moses PhD '67, head of the Department of Electrical Engineering and Computer Science (EECS).

Preliminary results of a survey of the freshman class indicate that approximately 33 percent, or about 340 students, will major in EECS next year. This figure is well above a benchmark of 270 students set by the now defunct Committee on Educational Policy (CEP) in 1984 when it first considered restricting enrollment to EECS.

in the selection of their current residences. Only 51.8 percent of the males responded similarly.

- **Foreign students.** The survey showed that foreign students have a considerably higher preference for on-campus housing than American students. Sixty-four percent of the international students said they preferred on-campus accommodations, compared to 38 percent of the US students.

- **Monthly rents.** Fifty-nine percent of the respondents indicated that their current monthly rent including utilities was between \$200 and \$400. Nineteen percent said they paid \$400-\$600 per month.

Among married students, 71.7 percent said they pay less than \$600 per month in rent and utilities, while 68 percent of those students with one child said they pay less than \$600 per month. Of the single students, 83.8 percent pay less than \$400 per month for housing.

The Committee on Undergraduate Admissions and Financial Aid (CUAFA) was instructed in the fall of 1984 to restrict undergraduate admissions to EECS if the benchmarks were not met.

Moses expressed surprise at the increase in EECS enrollment. He expected that the current recession in the computer and electronics industry would make EECS less appealing to students.

Moses blamed the increase in the department on a lack of "jawboning." He felt the students were not sufficiently aware of other options.

"We [EECS] hoped for more freedom next year," Moses said. Instead, the department will be strapped for resources, he predicted. "I expect CUAFA will vote for a restriction."

"I don't think we can say beforehand what the committee will do," said Professor Kenneth R. Manning, chairman of CUAFA. CUAFA would have all relevant

material ready by its meeting this Friday and would make a decision on restricting admissions at that time, he said. The decision would not be made by EECS, Manning stressed, although the department would have representatives at the meeting.

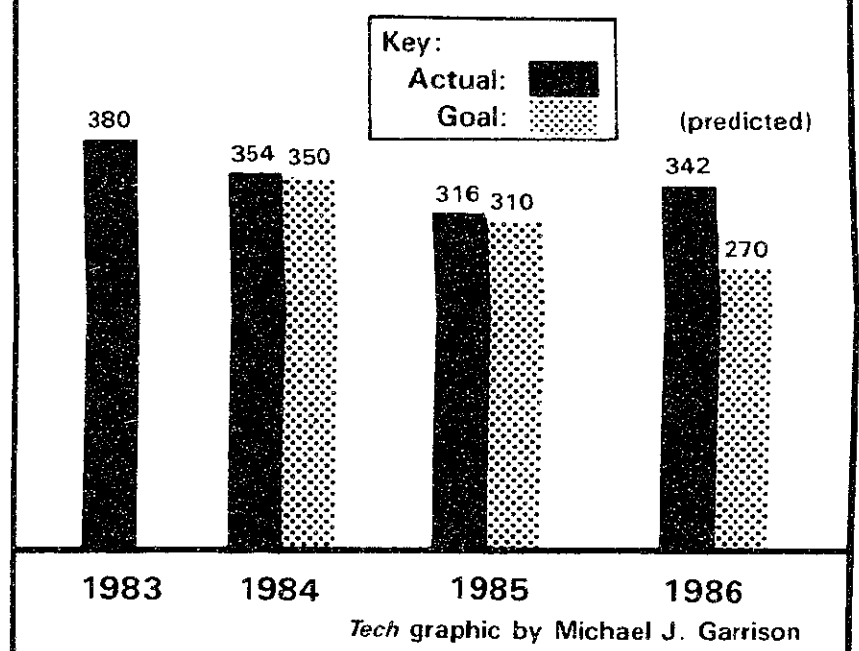
### Admissions unsure how to implement restrictions

Director of Admissions Michael C. Behnke said the Admissions Office has no plans on how admissions might be restricted. The plan approved by the faculty in 1984 said the restriction should be spread throughout the class, he said. The faculty also specified that the change should not discourage underrepresented minorities from pursuing scientific and technical careers.

If CUAFA approves restrictions, the Admissions Office will determine if the restriction will be done randomly or will be "a

(Please turn to page 2)

## Course VI enrollment



## Coalition demonstrates at meeting

By Michael J. Garrison

Amid chants of "Divest now!" nearly 15 protesters marched from the steps outside Lobby 7 to a meeting of the Executive Committee of the MIT Corporation last Friday morning in room 10-340.

The protest, sponsored by the MIT Coalition Against Apartheid, was intended to "let them know we are still here," according to Arnold Contreras '86.

The demonstrators stood outside the room chanting, "Trustees, you know you have blood on your portfolio," for several minutes as Campus Police officers blocked the door. After about 30 minutes, the meeting recessed for lunch, and several Corporation members left the room.

Some of the protesters followed President Paul E. Gray '54 to his office, where he met with several committee members. Chanting, "Paul Gray, you can't hide! We know you're on apartheid's side!" the demonstrators sat outside Gray's office.

### Smith talks to protesters

Professor Arthur C. Smith, former chairman of the faculty, followed the demonstration from the steps to the hallway outside 10-340. Several coalition members asked him about the recent shantytown arrests on Kresge Oval and the subsequent faculty vote which urged MIT to drop charges against the students.

The faculty on April 3 voted in

favor of a non-binding resolution which called for the charges to be dropped and the protesters' court costs to be reimbursed. Gray asked unsuccessfully for the charges to be dropped, but refused to have MIT pay for the student's court costs [see "MIT wants charges dropped," April 4].

When the protesters asked how he felt about the faculty vote, Smith replied, "There are very few motions which are that simple." One of the protesters pointed out that a two sentence resolution was very simple, but Smith responded, "It's not a two sentence problem."

Contreras then accused Smith and the administration of wanting to "reserve the right to arrest students." Smith acknowledged

that he could imagine situations where students might be arrested, but added that the vote was a more an issue of whether or not charges would be dropped rather than a question of whether students would be arrested again.

"That meeting doesn't speak for the faculty," Smith added. "The ones who chose to come are the ones who are interested. . . . [The faculty committee] is very poorly constituted to deal with political problems," he explained.

When asked what should be the method for resolving the issue, Smith answered, "We are trying to construct one."

Alex B. Rosen '88 asked Smith about the role of the faculty in protests, pointing out that in

(Please turn to page 2)

## ODSA to bring faculty to undergraduate dorms

By Irene Skricki

The Office of the Dean for Student Affairs (ODSA) will initiate a Faculty Fellows program as part of a plan to improve MIT's undergraduate advising system. Under the program, each dormitory will have several faculty members associated with it who will meet with students on a social basis.

The purpose of the program is to increase student-faculty contact, according to Professor Travis Merritt, faculty director of the program.

"[There is] a widespread hope that within a few years there will be a faculty presence within the living groups," Merritt said. "We want as much as possible to get faculty of all ranks involved in

this — and administrators too."

"One result of this program might be a larger number of applicants for housemaster positions," Merritt suggested. "The housemasters clearly have to be involved in this whole program."

The program is "focused more or less on freshmen," Merritt said. The events, however, will not be closed to upperclassmen. "The tricky thing will be to keep the focus on freshmen . . . without segregation," said Merritt.

A Faculty Fellow could teach informal seminars or take students out socially, Merritt explained.

"The way that contact takes place depends partly on what the particular living group is like," he said. Dormitories with dining halls could hold regular faculty-student dinners, Merritt said.

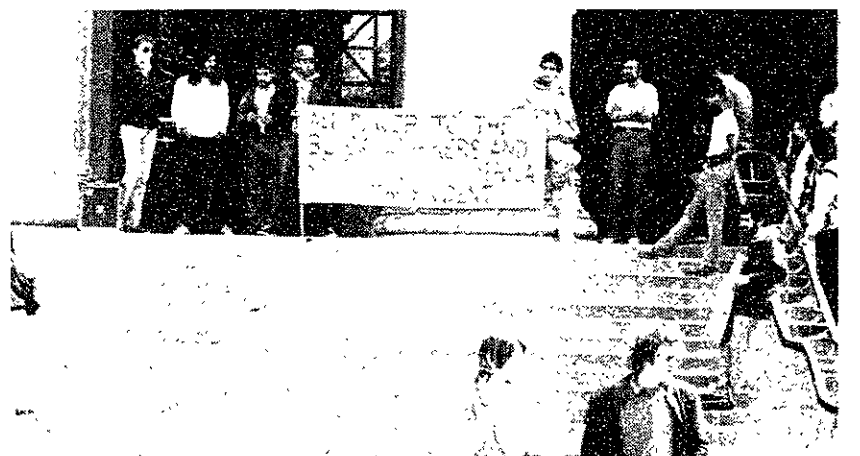
Almost all living groups have developed relationships with certain faculty members on an informal basis, Merritt noted. "The Faculty Fellows program is designed to give more shape to that kind of relationship," he said.

The program would like to guarantee that "at least one or

(Please turn to page 2)

## inside

Ministry and Face to Face heat up the Athletic Center. Page 8.  
Jazz with pizzazz fills Kresge. Page 9.



Tech photo by Thomas J. Coppeto

Kevin T. Christopher '87 and Louis Rodriguez Jr. '85 display a banner during the MIT Coalition Against Apartheid's demonstration on the steps of Lobby 7 Friday.

## Class of '89 oversubscribes to EECS; MIT may restrict majors next year

(Continued from page 1)  
conscious selection," Behnke said.

The faculty plan called for the restriction to apply to 25 percent of admitted students. Behnke felt that it might be possible to apply the restriction to fewer students.

The Admissions Office is comparing students' choice of major with the statement of intended major on their applications in order to attempt to judge EECS enrollment for the incoming freshman class, Behnke continued.

Next year's class, which will be smaller than the present freshman class, has about 100 fewer students interested in EECS, Behnke said. This is due in part

to an increase in the number of women in the class, who Behnke said are less likely to enroll in EECS.

Behnke was hopeful that improved public relations would provide a broadened applicant pool. The Admissions Office is currently preparing several new publications and a slide show to promote various aspects of the school, he noted.

"There is no question [restricted admission] would have an adverse effect on admissions," Behnke said. He declined to estimate the impact, however.

CUAFA should "look at what we are trying to achieve and not get carried away with the num-

bers," said Professor Arthur C. Smith, former chairman of the faculty. Smith was head of the CEP when it proposed the admissions restriction.

"If [EECS enrollment] decreases from last year my temptation would be not to be harsh," Smith said. "If we're starting back up again, that's another thing. It's a problem of exercising judgement."

"Nobody wants to take this action," Smith emphasized. He suggested that the faculty might want to reconsider its vote.

"I think it unlikely that the numbers would be that large that we would definitely restrict admission," Smith said.

## CAA protests at Corporation meeting

(Continued from page 1)  
some other universities the faculty would have been demonstrating alongside the students.

"The faculty has a lot of different things they want to do," Smith replied. They might be working in research labs or teaching, he explained. "MIT is a very different place."

One protester suggested that the faculty should have a voice in the operation of the Institute, and asked why there is no provision for a vote of the faculty which would be binding on the Corporation.

"The faculty has never asked for such a voice, but when the faculty really wants [something] . . . they usually get it," Smith said. He agreed to the protester's description of MIT as a benign monarchy.

Several coalition members asked the Campus Police officers and Smith if the committee was actually meeting in 10-340. "I don't know," Smith said. The Ex-

ecutive Committee does not usually announce its meeting locations.

Rosen refused to name the source of his information about the location of the meeting.

### Coalition speaks with Saxon

After the demonstration had moved to Gray's office, Contreras asked to meet with Gray's secretary. When she came out of the office, Contreras demanded that Gray send all members of the Corporation copies of a letter from Gray to the coalition explaining the administration's position on the filming of the shanty destruction.

Once the secretary re-entered the office, the protesters sat down along the walls of the corridor outside.

David S. Saxon '41, chairman of the Corporation, passed by the demonstration. Rich Cowan G asked him whether the Corporation plans to increase its student representation. "CJAC [The

Corporation Joint Advisory Committee] is planning to arrange something," he replied.

Rosen then asked Saxon if he believed US corporations in South Africa were a positive influence. Saxon answered yes. As Rosen attempted to ask another question, Saxon left amid cries of "fascist" and "racist" from other protesters.

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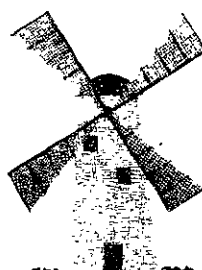
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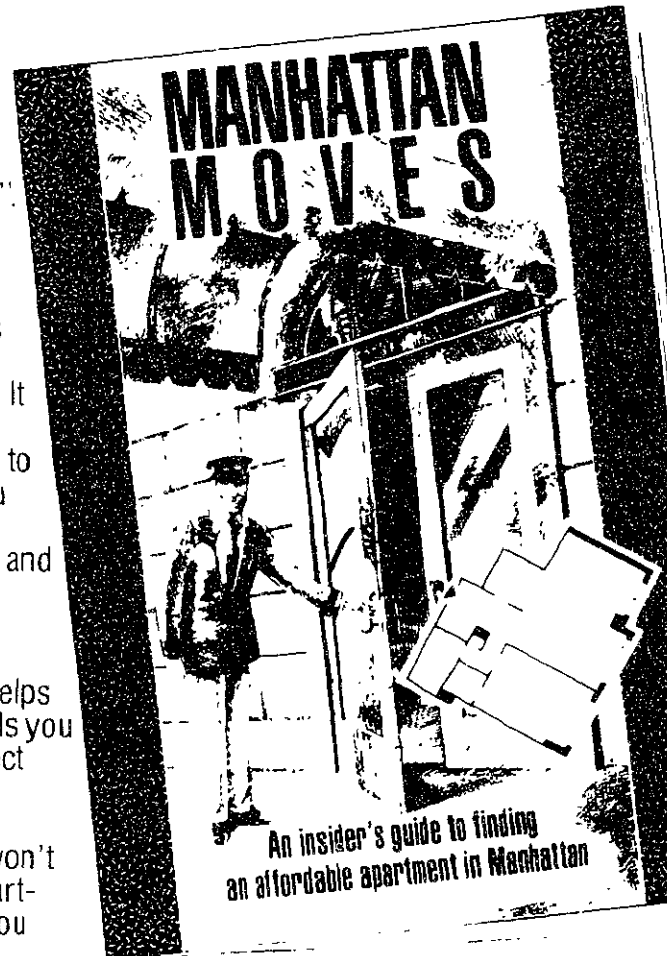
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## Faculty Fellows program part of advising changes

(Continued from page 1)

two faculty members [are] strongly associated with each living group" in a "tie that would endure over several years," he continued.

Dean for Student Affairs Shirley M. McBey initiated the project, Merritt said. The Provost's Office and the Office of the Dean for Undergraduate Education have also provided strong support, he added.

The process of matching living groups with faculty has begun, Merritt continued.

Merritt said the ODSA has also sent questionnaires about the program to living groups in order to get student input. "The more response we can get from the living groups, the better this will go off," he added.

The program has already been given a "modest level of funding," according to Merritt. Although the faculty participants will not be paid, the funding will

be available for faculty-sponsored events. "If a faculty fellow wants to take students out to get ice cream or go to a concert . . . there will be some money," Merritt said.

"This is an experiment," Merritt cautioned, "and we have to measure the success and keep track of what's happening."

Merritt would like students to take the initiative for matching dorms with faculty. A "lightness of touch" is required on the part of the ODSA, Merritt said, to avoid the feeling that the "dorms are being colonized by the faculty."

Merritt, who is also director of the Humanities Undergraduate Office, emphasized that the Faculty Fellows program is not meant to be a "humanities-flavored" effort. "I am trying to get [involvement] from the Schools of Science and Engineering," he said.

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# news roundup

from the associated press wire

## World

### Summit to denounce terrorism

The Western leaders meeting in Tokyo made swift progress on two major political issues facing this year's summit, agreeing to authorize statements on terrorism and nuclear safety.

Upon their arrival, the leaders received a stark reminder of terrorism when an unknown group, believed to be Japanese ultra-leftists, fired homemade rockets at the Akasaka Palace. The heads of state seemed unruffled by the missiles, which overshot their target by a wide margin. At the opening working dinner, aides were told to work through the night on statements of policy on terrorism and nuclear safety, as well as as a set of anti-terrorist measures adapted from a British draft. The possible measures included economic reprisals, extradition and better cooperation in policing terrorism. Some specific proposals introduced by the United States were rejected as too sweeping.

The statement on nuclear safety will express sympathy for the victims of the recent accident at Chernobyl in the Ukraine. It might also include recommendations that construction and operating procedures be improved to enhance safety. The Japanese suggested that the International Atomic Energy Agency, in Vienna, be used to spur international cooperation on nuclear safety.

In addition to the UK, the US and Japan, the countries represented at the annual summit are Canada, France, the Federal Republic of Germany and Italy. Two representatives of the European Community are also present. (*The New York Times*)

### Reactor fallout hits US

Fallout from the Soviet nuclear accident has been detected in the air off the Pacific Northwest. An interagency task force said today that small amounts of radioactivity have been detected in samples taken over the weekend. The task force says patches of radioactivity are moving across the continent at high altitudes, but none has been detected at ground level yet. Officials say they still believe there will be no public health risk in the United States.

Hours after the head of a nuclear watchdog agency arrived in Moscow, the USSR issued more information on the nuclear accident. The government statement indicated radiation has spread beyond the 18-mile evacuated zone around the Chernobyl nuclear plant. The Soviet government indicated that contamination threatens a river that feeds a major reservoir near Kiev.

The Soviet Communist Party daily *Pravda* yesterday confirmed the eruption of fire at the Chernobyl reactor, calling it "extremely difficult" to extinguish since chemicals and water cannot be used. However, *Pravda* insisted that the crisis at the Ukrainian reactor is under control. This article marks the first time a Soviet newspaper has given any details of the accident. (AP)

### Waldheim first in ballot; faces runoff

Kurt Waldheim, former Secretary General of the United Nations, fell just short of a majority in Austria's presidential election today but emerged as the strong favorite to win a runoff vote next month.

In a campaign dominated by controversy over his record in the German Army in World War II, Waldheim won 49.6 percent of the 4.8 million votes cast, only a fraction under the majority needed for victory.

His opponent, Kurt Steyrer, won 43.7 percent of the vote. (*The New York Times*)

### Afghan leader quits, Soviets report

Babrak Karmal, installed as leader of Afghanistan when Soviet troops moved into the country in 1979, resigned yesterday and was replaced by the former chief of the Afghan secret police, the Soviet press agency Tass announced.

The report stated the the 57-year-old Karmal resigned for health reasons. There have been unconfirmed reports that Karmal had been in Moscow for treatment of a serious illness, possibly lung cancer or leukemia.

His replacement, Najibullah, who has only one name, was described by Tass as a "great friend of the Soviet Union." (*The New York Times*)

## Nation

### US space effort crippled

NASA officials acknowledged yesterday that that nation's ability to lift commercial, scientific and military satellites into space is crippled for the near future after the third consecutive failure of a major space mission in 14 weeks.

The assessment came from mystified and demoralized officials after a Delta rocket carrying a weather satellite lost power and spun out of control Saturday evening over Cape Canaveral, FL, forcing controllers to destroy the craft and its \$57.5 million payload from the ground.

Taken by itself, the loss of the \$30 million Delta rocket would usually mark only an expensive annoyance to the space agency. However, the failure comes on the heels of the explosion of an Air Force Titan rocket, the chief vehicle for boosting spy satellites into orbit, and the Challenger accident.

With all three programs suspended, experts agree, the country has virtually no capability to launch a wide range of payloads, including vital weather and communications satellites, military equipment and scientific instruments. Many suspect the remarkable string of failures will benefit France, Japan and China, all of which are moving quickly to take over launching contracts that NASA is now increasingly unable to fulfill, either with the shuttle of expendable launchers like the Delta. (*The New York Times*)

### Education board says New England has glut of professionals

The head of the New England Board of Higher Education has outlined the pluses and minuses of what he says is a glut of scientists, engineers, MBA's, and physicians created by regional schools. John Hoy says the advantages of having so many top professionals is that the oversupply has led to the region's economic resurrection. But

Hoy cautions that the revival could ease if the surplus is not monitored. He suggests using regional clearinghouses to handle the chore. Hoy says the process is needed because the demand for professionals will continue through 1990. (AP)

### Supreme Court to examine creationism

The Supreme Court has agreed to take up the issue of creationism versus evolution in schools. The justices have agreed to look at a Louisiana law that requires public schools that teach the theory of evolution to balance their lessons by also teaching creationism.

Yesterday, the Supreme Court handed down a decision affecting hundreds of death row inmates. The justices ruled, 6-3, that fair-trial rights are not violated when death penalty opponents are kept off juries in trials which could produce a death sentence. (AP)

## Sports

### Clemens named Player of the Week

Boston Red Sox pitcher Roger Clemens has been named American League Player of the Week. Clemens set the major league record for strikeouts in a nine-inning game last Tuesday when he whiffed 20 Seattle Mariners. Clemens was also named the American League Pitcher of the Month. He won both of his decisions last week, including yesterday's victory over Oakland.

His 20-strikeout performance in a 3-1 victory over the Mariners eclipsed the marks of Steve Carlton, Nolan Ryan, and Tom Seaver, who each struck out 19 in a game.

Minnesota Twins outfielder Kirby Puckett, who was named the League's Player of the Month last week, finished second to Clemens in the voting while Red Sox outfielder Jim Rice was third. (AP)

## Local

### State workers abuse mental patients

Reports filed by state investigators indicated more than 70 state workers were disciplined last year for abusing mentally retarded residents at state institutions. The Daily News in Springfield reported yesterday that 25 cases of physical assault on patients at the state's five institutions for the retarded were substantiated by investigators in 1985. The incidents included scaldings, sexual abuse and patients being kicked, punched or stuck with various items. There were also cases of theft, verbal abuse, and neglect.

One case involved a prison inmate serving a life sentence who was working at the Wrentham state school on a work-release program. The inmate was convicted of sexually assaulting a Wrentham resident and was sentenced to an additional seven-to-ten-year term. (AP)

### Prosecution completes case in Richard rape trial

Prosecutors at the trial of Ralph Richard, charged with raping his daughter, rested their case today, presenting testimony from the infant's babysitter and a woman who says Richard was impotent two days before he allegedly raped the baby. Priscilla Dixon told the jury that a "nervous" Richard was not wearing his wedding ring and never said he was married during their tryst at a Cape Cod motel. The babysitter testified that a T-shirt found on four-month old Jerri Ann's body and a sleeper found near it were not the clothes she put on the child the day before her disappearance was reported Nov. 11, 1984. Richard and his wife, Donna, told police they did not change the baby's clothes.

The babysitter was the 59th witness called by prosecutors. The judge says he will hear arguments tomorrow on two defense motions, one for a judgement of acquittal, the other to dismiss charges that Richard conspired with his wife to cover up the infant's rape and murder. Mrs. Richard is to be tried later on charges she murdered Jerri Ann and took part in the alleged cover-up.

Richard told police his wife killed their only child after learning of his encounter with Dixon. He denied her contention that he was impotent. Prosecutors contend Richard was not having sexual relations with his wife, and became so frustrated over his impotence with Dixon that he raped the baby. Defense testimony will begin tomorrow if Rodgers denies the defense motions. Richard's lawyer has said Richard will testify. (AP)

### Students arrested for hamster abuse

Three University of Rhode Island students have been charged with a felony after they allegedly dropped two hamsters to their deaths from a fourth-floor dormitory window. Police said 19-year-old Marco Uriati of Providence, 20-year-old Thomas Fiore of Dover, MA, and 21-year-old James Fernstrom Jr. of Madison, CT have all been charged with malicious injury to animals. Lt. James McDonald said the students last night tied dental floss around the chest of one of the hamsters, intending to lower it to the ground. Unfortunately, the floss slipped up around the animal's neck and strangled it. McDonald said the other animal was thrown from a window of Browning Hall. (AP)

## Weather

### Here comes the rain again

The Boston area will be subject to mixed weather conditions over the next two or three days, with warmer temperatures the only consolation. A warm front, associated with a slow moving low pressure system to our west, will bring clouds and possibly a few showers today and tomorrow. Showers are more likely early tomorrow than today. By Thursday we should see drier conditions.

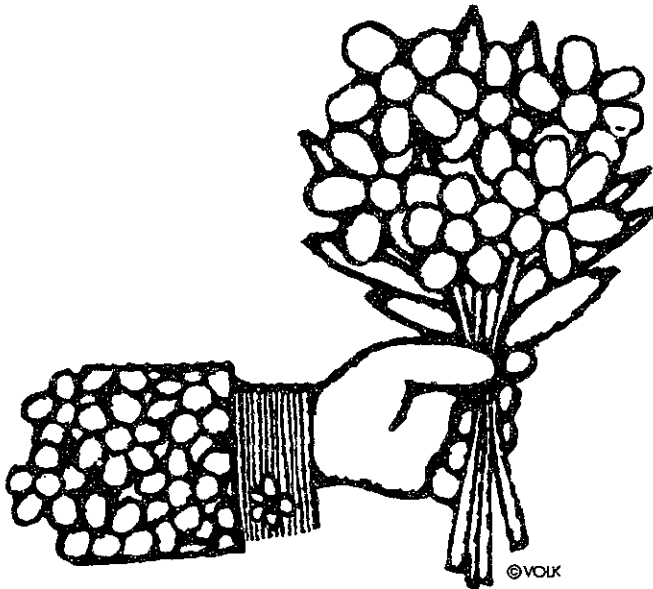
**Tuesday:** Skies mostly cloudy with a chance of afternoon showers. Winds will be southeasterly at 5-10 mph. High 65.

**Tuesday night:** Cloudy skies with a chance of scattered showers. Winds to continue to the southeast. Low 50.

**Wednesday:** Chance of showers early, followed by partial clearing. High 70.

**Thursday:** Partly sunny and warmer. High 75.

Forecast by Robert X. Black



# opinion

Column/Elliott Marx

## Reform must improve quality

I shuddered as I read through the speech of Margaret L. A. MacVicar '65 on educational reform ["MIT's mission is to prepare leaders for a world based on technology," April 29]. I admire the insight she has into the shortcomings of an MIT undergraduate education, but I asked myself, "Will changing course requirements and modifying course materials have any effect on the quality of education?"

She said, "...freshmen may arrive more open, creative, and enthusiastic than when they leave here four years later. . ." Even if freshmen are subjected to stricter humanities requirements and looser engineering requirements, how can they be inspired if engineering and science professors will rarely talk to them unless the students are interested in a UROP? If a professor who is actually interested in students is not granted tenure? If teaching assistants do not care to know their students? Or if more than half of the students in classes are sleeping?

Student reactions to MIT's faults include the following:

- 1) Passive acceptance. These students do all of their work and "accept things the way they are."
- 2) Extreme cynicism. Undergraduates skip classes and learn on their own, neglect unimportant material, cheat on tests or homework, take Wellesley classes or drop out of MIT.
- 3) Active resistance. Such students protest, sit in on faculty committees, or write letters to *The Tech*.

While I do not know the extent to which the faculty and the ad-

ministration are aware of these coping mechanisms, I am sure that they are afraid to deal with fundamental issues that affect the quality of education here. Such issues have nothing to do with course content or curriculum issues. Rather, they have to do with the way students, faculty, and administrators relate to one another. Unfortunately, the rhetoricians who assert that MIT must reform its curriculum may have blinked at the most vital issue.

When I first came to MIT, I believed that many of the shortcomings of an MIT education are inherent to colleges. Then I woke up.

The other day, I sat in on an introductory humanities course at Wellesley. On the day I went, a few of the students led a debate. I was surprised to see that every student got involved in the debate. Never before had I seen so much enthusiasm in a classroom.

I also read a statement issued by the dean of Wellesley College. Wellesley seriously considers student opinion when it makes decisions regarding faculty reappointments, tenure and salaries, it said. Wellesley officially recognizes such opinions by issuing a Student Evaluation Questionnaire (SEQ) to students for every class they take.

Such examples are rare at MIT. I have heard too many Wellesley exchange students complain about the poor quality of education here.

This past week, I decided to spend next year at Wellesley. I have even seriously considered taking science distribution subjects at Wellesley in order to

avoid being a little fish swimming against the MIT tidal wave with no one there to help.

Some of my friends tell me that it's great that I have learned how to enjoy MIT and adapt to it. I tell them that I have escaped from the hell that the majority of undergraduates here go through.

There is a better solution, one that involves everyone at MIT. Not just an individual outcast.

The Institute must hire faculty and TA's who have strong interests and abilities in both education and research. They should get students involved in the decision-making process similar to the way Wellesley gets its students involved. Not only would the quality of education here improve significantly, but the administration would have more contact with students and thus increase their awareness of student concerns.

The faculty must try to actively engage students whenever possible. Little things such as seating a class around a table and bringing in current issues relevant to the course material are enough to stimulate critical thinking and debate. If the faculty seek out students when they are having trouble with work or skipping classes, student morale will improve greatly.

The Office of Admissions must attract students who will best respond to such changes, those who are interested not only in science but also in understanding the social and political environment around them.

Educational reform is a good idea. But when we overlook quality, we overlook the essence of reform.

SOUVENIR

**DON'T WORRY, I DIDN'T SEE THE STUPID THING EITHER!**

1986 HALLEY'S COMET

# The Tech

Volume 106, Number 24 Tuesday, May 6, 1986

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## feedback

### Athena needs student liaison group

To the Editor:

Project Athena has been the subject of a recent series of editorials and letters in *The Tech*. Much of this debate is well-informed and useful to Project Athena; other aspects of it have in my view failed to balance the needs of diverse Athena users. For example, the problem of heavy utilization of the Student Center facility must be balanced against the computing needs of the approximately 2000 students who use the other Athena work areas for assigned subject-related work each semester.

The letters also underestimate the extent to which the first phase computing environment Athena now provides will change in the next two years. As Tim Hyland '88 points out ["Athena is an experiment: problems should be expected," April 18], Athena will be moving from the current, relatively slow time-sharing computers to networked, high performance workstations. Many of the shortcomings of the current system (such as the high load on the available processors) will disappear as a result of this shift.

Perhaps the most useful suggestion comes from Scott Lawton '86 ["Athena should encourage student input," April 11]. He points out the lack of a formal organization which can act as the contact point between Project Athena and the student body.

Athena does have student representatives on the committees which review curriculum development proposals, and we do maintain an ongoing exchange with the Student Information Processing Board. We also have an advisory group for planning the

placement of Athena equipment in MIT living groups. I give briefings to various Institute committees that have student representation. Finally, I have visited every MIT dormitory at least once, and have never turned down any invitation to speak to a student group.

These contacts tend to be informal in nature, and I totally concur with Lawton's call for a clearer, more formal liaison. Bryan Moser '87, the Undergraduate Association President, and I have already discussed the value of such a group. He and I agreed that trying to form an important student group at this point in the term is a mistake. It makes more sense to work towards putting an appropriate liaison mechanism in place early in the coming fall term.

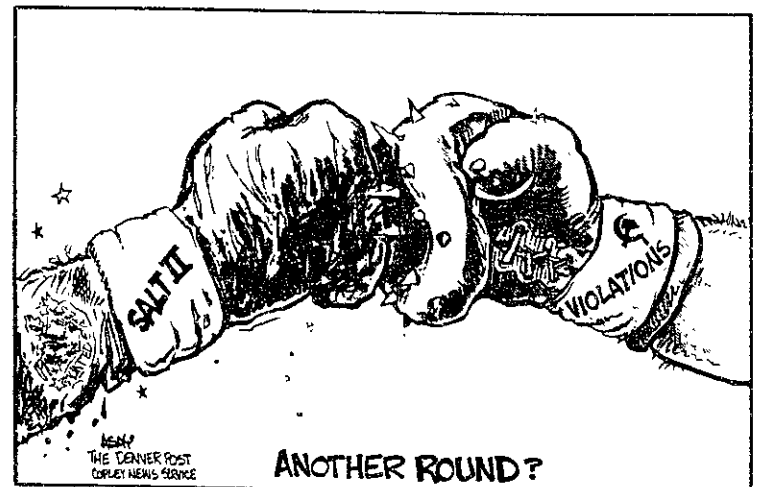
The process through which a

student liaison committee is created is the province of student government. From my perspective as Project director, an effective liaison group should be formed around the following principles:

1) The members of the group must be willing to invest the time needed to become fully informed about Project Athena and its goals. Athena was never intended to be all things to all people. Members of a liaison group should understand Athena's relatively long term mission and its focus on innovative, educational applications of high performance computing.

2) The group must be representative of the entire MIT community. It should include students with diverse interests and varying degrees of expertise about com-

(Please turn to page 5)



# opinion

## feedback

### MIT must explain reasons for spying on its students

To the Editor:

In regard to the recent controversy over the filming of several activities of the MIT Coalition Against Apartheid (CAA), the first thing to be pointed out is that such filming in public areas is entirely legal. Moreover, it is important to note that the documentation of such events can only record true events and is, in and of itself, a neutral act.

It is also crucial to examine the motivations behind MIT's behavior throughout the recent sequence of events. MIT secretly filmed the CAA during several public events and as a matter of policy did not make the existence of the tapes public. When the existence of the film became known, MIT did not make the contents public.

Why does MIT operate under secrecy? What are MIT's motivations underlying the covert collection of information on campus? What are the possibilities of abuse of this information if it is kept hidden? When MIT provides explanations, are they consistent with the observed secrecy of activities [i.e. are they believable]? These are questions which we should all carefully consider

as members of the MIT community.

Information gathering is a legitimate activity of intelligence agencies, but should this be the role of MIT as an educational institution? Granted it is legal, but is it proper? Most importantly, whatever the scope of MIT's involvement, its role should be made known to the public.

As students of MIT, we are concerned about MIT's long-term reputation and public image. The practice of secret policy naturally arouses suspicion. We feel that it would be in the Institute's best interest if policy were always stated clearly and made public.

Adam Grossman '86  
Julian Joseph '85



## feedback

### Coalition to present views to CJAC

To the Editor:

Last Wednesday the Corporation Joint Advisory Committee (CJAC) held a preliminary meeting to consider its charge of improving communication among MIT community groups, including Corporation members. At the recommendation of student leaders, who met with the Executive Committee of the Corporation on April 6, CJAC has been reactivated to address the need for better communication on many topics and looks forward to serving as a forum for diverse com-

munity interests.

As a result of our meeting, and in response to recent campus sentiment, CJAC has invited representatives of the Coalition Against Apartheid to present their concerns in a meeting with CJAC in two weeks. CJAC will then work out and propose the next step to facilitate communications. This format does not preclude the possibility of interest groups meeting directly with other Corporation members or groups.

We believe this step for CJAC is in the spirit of the Corporation

Executive Committee's declared commitment to continuing discussion on South Africa.

Emily V. Wade '85  
Chairman, CJAC

### Sand near Kresge Oval is a nuisance

To the Editor:

It is too bad that it may take somebody's actually speaking up before anything is done about the sandbox that was created at the edge of Kresge Auditorium due

to the burst watermain last month. Many people walk on it each day dragging sand off it. Please let this message serve as a notice of dissatisfaction.

Ron Indech '86

### Student input would help Project Athena

(Continued from page 4)

puting. It should reflect the views of both on-campus and off-campus residents.

3) The group should be willing to be an important conduit for information from the student body to Project Athena and vice versa. Communicating what Athena is planning and what students think about it requires a major commitment of time and

energy.

As the director of the project, I would be both willing and interested in working with an Athena Student Liaison group constituted under these principles. There are many areas in which students' comments and suggestions can and should play an important role in determining Athena's policies.

Steven R. Lerman '72  
Director, Project Athena

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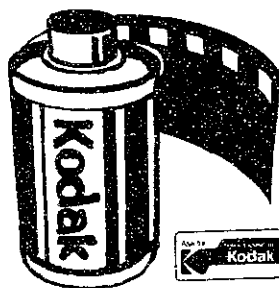
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Letters to the Editor are welcome. They should be typed and addressed to **The Tech**, PO Box 29, MIT Branch, Cambridge MA 02139, or by interdepartmental mail to Room W20-483.

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

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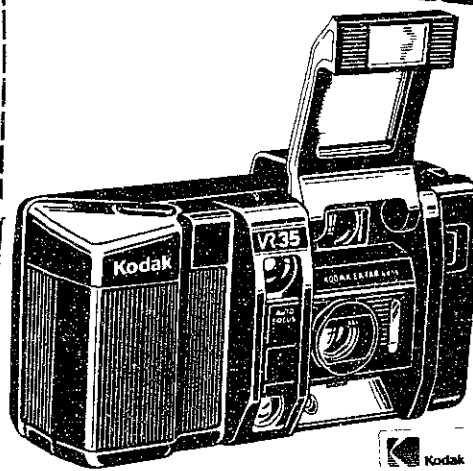


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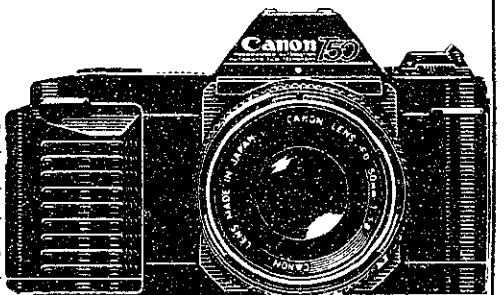


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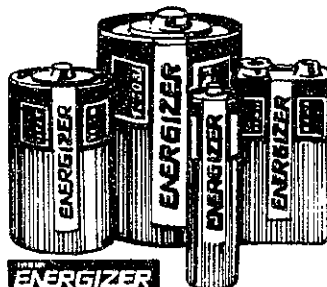
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# SPRING WEEKEND

# '86



Dan O'Day



Dan O'Day



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# ARTS

# ARTS

## Spring Weekend concert with Ministry a success

**FACE TO FACE and MINISTRY**  
 SCC Spring Weekend Concert  
 New Athletic Center, May 2

By DONALD YEE

**I**N THEIR ANNUAL Spring Weekend Concert, SCC presented to the MIT community two lesser-known but talented groups, Face to Face and Ministry. Face to Face, a Boston band, garnered national interest several years ago with their Top-40 hit "10-9-8" from their debut album. They recently released their second LP, *Confrontation*. Ministry, originally from Chicago, recently released the album *Twitch*.

The large floor of the New Athletic Center was uncrowded, and taped music played before the show and between acts. Many people self-consciously avoided dancing before the show, possibly due to the bright overhead lights.

As the show began, Face to Face



Tech photo by Stephen P. Berczuk  
 Face to Face singer Laurie Sargent.

launched into songs from their new album. Lead singer Laurie Sargent was energetic, bouncing all around the stage. She followed the first song with complaints about the stage set-up, and some off-color remarks about a safety pin holding her fly together. This drew laughter and some cat-calls from the audience.

Face to Face's act was predictably polished, with a good light show to highlight the performance. In fact, much of their set was perhaps too polished and predictable, detracting from the excitement. Particularly disappointing was some of their material, technically good but terribly cliched pop-rock guitar work.

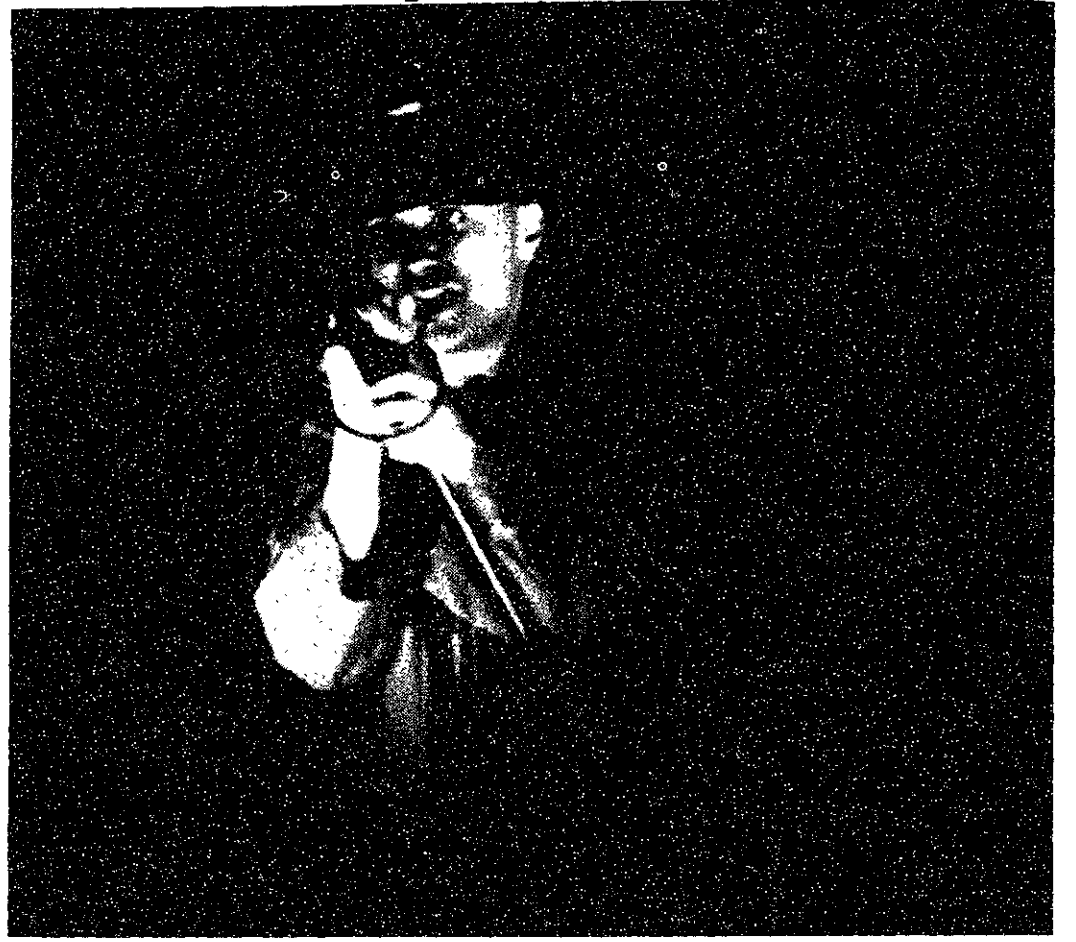
The crowd enjoyed the show. When the band started playing "10-9-8," they brought much of the audience from the stands down to the floor. Towards the end of the set, Sargent ventured off the stage, climbing out to the barricade which kept the audience away from the stage. After briefly singing with some audience members, she returned to the stage to finish the set.

In an encore, Face to Face played "Under the Gun," another hit from their first album. As they finished the song, Sargent invited several members of the audience up to the stage and provided them with cowbells, tambourines, and drums, declaring them to be the "MIT Percussion Section."

In contrast to Face to Face, Ministry's act was literally and figuratively much darker. The stage was dim throughout the act, with stark silhouette figures eerily lit from behind the backdrop.

The band came on stage welcomed by hearty applause from the audience. Lead singer Alain Jourgensen promptly emptied his trenchcoat pockets and threw their contents into the audience. Throughout the show, Jourgensen hurled comments out at the audience, shouting "Reagan youth, it's time to wake up!" He also expressed annoyance at the stage barricade, declaring, "Dance Patrol, let the people come forward!"

After starting with "Over the Shoulder," a single from their new album, Ministry



Tech photo by Stephen P. Berczuk

Alain Jourgensen of Ministry at the Spring Weekend concert.

continued with more material from the album, plus songs from Jourgensen's other band, the Revolting Cocks.

In fact, the set was much like the one they played at the Channel about a month ago, except a bit shorter. The sound was much better than at the Channel show, probably due to the large open space of the Athletic Center. The percussion, although still powerful, did not obliterate the other parts.

The show was heavily reliant on electronics, as was evident at points when the wall of sound continued pouring even as most of the band was not playing. At points, they broke out of their chillingly mechanical air, particularly on "Go!" Al-

though the instrumentation for this song remained the same, the band managed to break out into a frenzied, rocket-speed beat.

Ministry was also called back for an encore. Apparently pleased and perhaps surprised by the audience response, Jourgensen declared, "I'm glad to report that there are no f--in' Reagan youth in the audience tonight!"

A commendation must go to the SCC and all involved for providing the MIT community with this yearly chance to see quality bands at reasonable prices, an opportunity that many might not have otherwise had.

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## ARTS

## ARTS

## Three hot performances in Spring Jazz Festival

SPRING WEEKEND  
JAZZ FESTIVAL

With the MIT Concert Jazz Band, Wellesley Prism Jazz, and MIT Festival Jazz Ensemble Kresge Auditorium, May 2

By SCOTT LICHTMAN

WHILE Ministry roared just buildings away, MIT's Concert and Festival Jazz Ensembles were turning in their own hot performances this past Friday. The Spring Weekend Jazz Festival ended a year of performance and growth for the MIT bands, and although the nearby rock concert may have limited the audience, Festival drummer Gary Leskowitz '88 commented that "it was good to round out our performances this year at home."

In time-honored tradition, the MIT Concert Jazz Band opened the performance with their distinctive brand of blues-based swing music. Saxophonist

Paul Paternoster '88 and trombonist/Associate Provost S. Jay Keyser used the grooves as vehicles for several inspired solos. Bandleader Everett Longstreth maintained a firm control over the group's rhythm and direction, right down to his (favorite) choice for a closing number, "Old Man River."

The Wellesley College Prism Jazz group, led by Barry Mirrer '81, an MIT band alumnus, was next on stage. The group was noticeably padded with MIT and other non-Wellesley instrumentalists. One of the standout soloists, however, was a Wellesley-ite: Prism Jazz president Maria Daehler. Daehler put out emotional solos on several different saxophones. Drummer Carl Tung '86, "inspired by the quality of the concert's other percussionists," also produced a creative, extended solo section.

As a whole, the Wellesley Band appeared to need more maturity and individual practice to execute well the songs they performed. Certain sections of the compo-

sitions flew by faster than the saxophone section could play them, and several staccato passages did not display the overall cohesiveness one would find in the MIT bands. Enthusiasm and energy were never lacking, however, and the Wellesley performance was warmly applauded.

With only three bands on the evening's bill, Festival Ensemble leader Jamshied Sharifi '83 used the second half of the concert to show off the many facets of his band. The six-song set included two ballads, several original compositions and arrangements, and a good helping of the complex, frantic passages the band is known for.

It is custom in the Festival band to exclusively feature the *crème de la crème* of its soloists (in my opinion, a debatable practice). Of these, three deserve special mention. Pianist Eric Ostling '88 displayed a real ability to improvise and reharmonize, à la Bill Evans, in his brief solo on the ballad "Naimi" (which was arranged by

band member Roy Groth). Tenor saxophonist Charlie Marge G, in his final jazz band performance, offered the most emotional playing this reviewer has heard from him, as he "crooned" the melody on "Naima." Perennial soloist extraordinaire Ray Zepeda '87 gradually picked up steam as the concert progressed, and finished off the night with melodic improvisation on the St. Elsewhere-ish "The Change."

One final person that merits special mention is first-year Festival Ensemble leader Jamshied Sharifi. After taking the reigns from long-time conductor Herb Pomeroy exactly one year ago, Jamie has managed to maintain the old, experimental direction of the group while introducing new flexibility, several new compositions and a wealth of fresh ideas to MIT's premiere jazz organization. Like the other two bands of the evening, the Festival Band will be maturing in the next several years, and has a promising future ahead of it.

## MIT Concert Band does not play up to expectations

## MIT CONCERT BAND

Spring Concert  
Kresge Auditorium, May 3.

By JOE SHIPMAN

ALTHOUGH I usually enjoy hearing John Corley and the MIT Concert Band, I found their Spring Concert this Saturday disappointing. There were two major reasons for this: not enough of the six pieces were listenable, and most were too loud.

The first half of the concert consisted of *West Point Symphony for Band*, by Roy Harris, and *Three Sussex Sketches*, by Jeffrey Bishop. *West Point Symphony* was a loud, uninteresting piece which sounded muddled. The band started off somewhat sloppily, and the whole 18-minute piece was played at a high, almost uniform volume. The brass parts were actually pretty good, but the constant trilling of the woodwinds obscured this. The fugue at the end was also good, but did not make up for the earlier difficulties.

*Three Sussex Sketches* was amusing and easier to listen to, but in the first movement, a parody of an Edwardian marching song, the joke went on for too long. There were some interesting sound effects from the percussion section, and some of the brass players made occasional trips off-stage — I suppose to provide more stereo effect. Unfortunately, there was still too much noise from the background players for the piece to make a clear impression.

During the intermission, I looked at the program's descriptions of the remaining four pieces. Each of them gave me some hope that the second half of the concert would be an improvement, but only one of the four lived up to my expectations.

Peter Mennin's *Canzona* is described in

the program as "a 20th-century example of an early baroque cantata." It did not sound at all baroque to me. Nonetheless, it was a good and exciting piece, but Edward Ajhar '86 conducted the piece at much too high a volume. I don't think the band experimented enough with the acoustics of Kresge, a well-designed concert hall in which everything can be heard very clearly.

Aaron Copland's *Emblems* is one of his last pieces, and not one of his best. Copland's notes refer to it as "quiet, slow music," but as the band played it it was not quiet, especially the first part. A sort of set of variations on the hymn *Amazing Grace*, it had some very nice harmonies, but was again played too loudly.

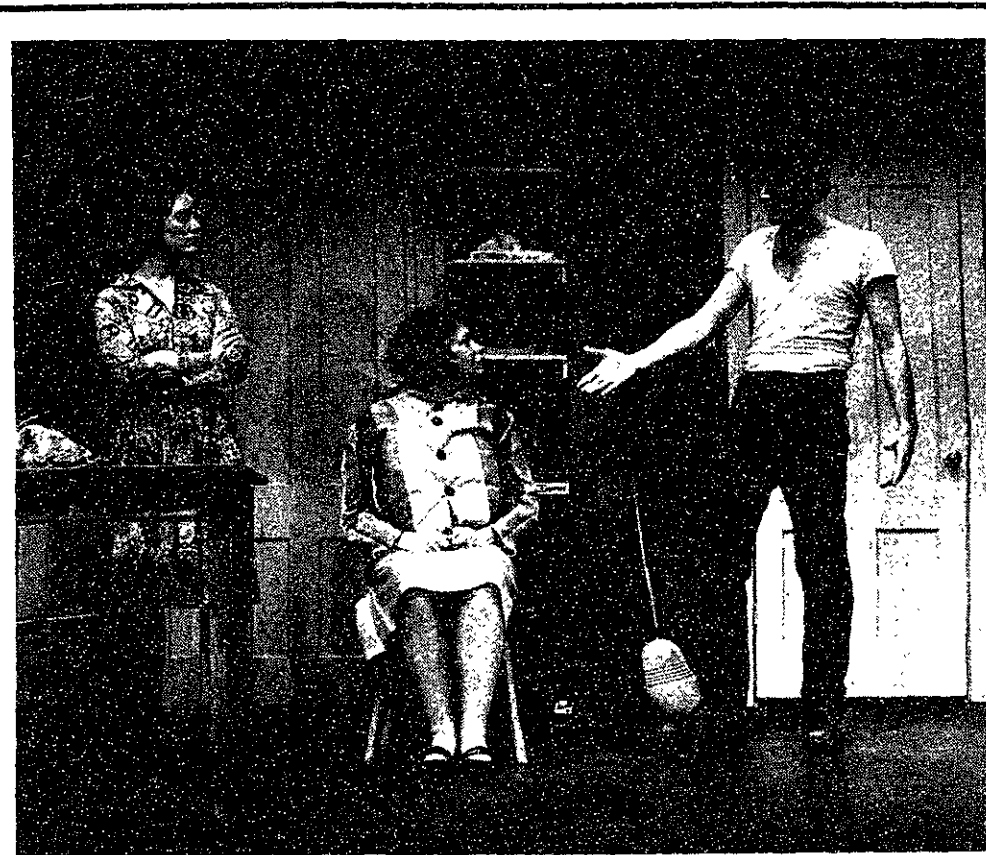
The only completely satisfying selection was *Ritmo Jondo*, three Flamenco pieces by Carlos Surinach. The only instruments used were clarinet, trumpet, xylophone, tamburo (a drum), and timpani; the rest of the band accompanied as hand-clappers. Charles Marge G conducted very well, directing the hand-clappers' movements as well as their sounds. Pat Kinney (clarinet), Scott Berkenblit '86 (trumpet), and Frank Verhoorn '86 (timpani) all played well, and Betsy Parker '87 was absolutely terrific on the xylophone in the first and third movements (she played tamburo in the second). My only complaint is that the first movement, "Bulerias," was too short. The second movement, "Saeta," was a moody, moving piece, and the third, "Garroin," was like the first incredibly lively and stirring.

The final work of the night was *Incantation and Dance*, by John Barnes Chance. A wide variety of percussion instruments were used, to interesting effect. This selection was fun and only slightly too loud.

The band's selection of pieces for this

concert left much to be desired. The first four pieces all sounded similar — similarly uninteresting. Corley and Ajhar seemed not to have had sufficient rehearsal time with the band to shape the pieces into coherent wholes; although the players seemed to have learned their parts, a sense

of proportion was missing. There was not enough dynamic variation, both between different sections and in the band as a whole. But I am sure the band will improve with time; even in this concert they showed themselves to be capable of better.



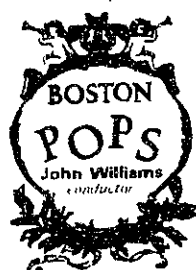
Sue Downing-Bryant '86, Kristi Trostel '89 and Alex Zubatov '87 appeared in *We Won't Pay! We Won't Pay!!* Dramashop's successful weekend run of Dario Fo's social farce was followed by a workshop led by the playwright yesterday afternoon. Fo is on his first-ever tour of the United States. He and his wife, Franca Rame, are appearing in separate one-person comedies.

## Interested in:

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## The Tech

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AT THE POPS  
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Thursday, June 5  
8:00 pm



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## An American TONITE in Lebanon

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Professor of Sociology, Simmons College  
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## Projects

Autumn Weekend  
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Leadership Retreats  
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Applications for Doughnut Stand Manager and Newsletter/Publicity Chairman are now available in the UA office (Student Center, 4th floor). Please return to Class of '88 mailbox (W20-401) by May 5.

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## ARTS

## ARTS

## ICA presents the presumptive heirs of Duchamp

## AT THE INSTITUTE OF CONTEMPORARY ART

As Found, Part 3 of the series Dissent; Think Tank, work by Robin Winters. Through June 15.

By MICHEL BOS

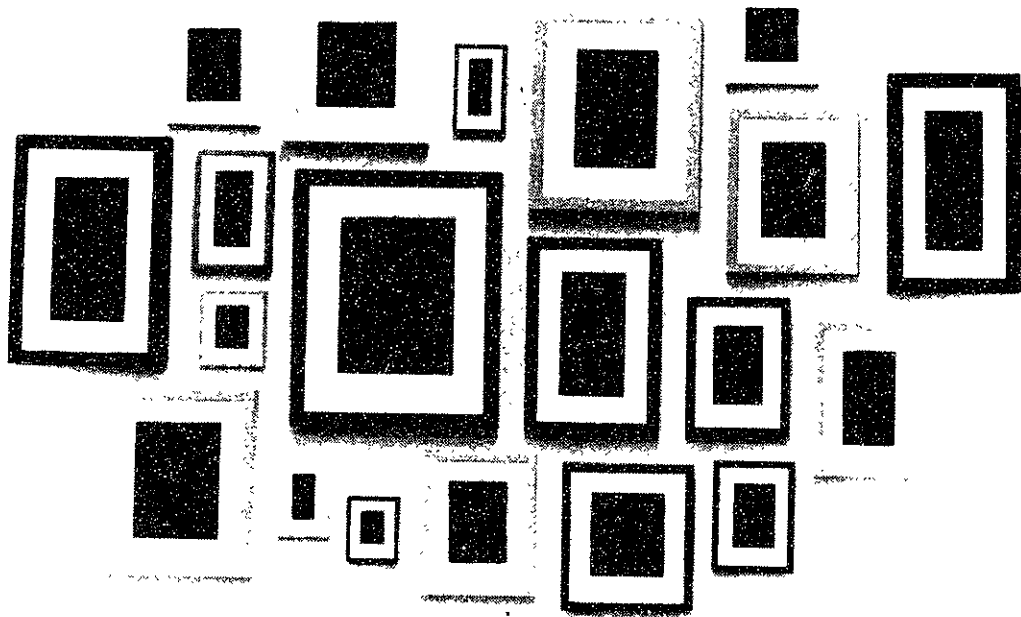
THESE ARE MOMENTS IN HISTORY when the world according to art suddenly expands, when things often seen but never focused become visible in their own right and worthy of an artist's special efforts. During the 16th century, for instance, landscape became a separate genre in Western art; from a mere backdrop for something else it evolved into an independent subject. And the vision expanded with the view, as the new, dedicated attention for nature introduced sensibilities never before expressed in art.

Another such widening of scope occurred in the early 20th century. It originated in bold acts of a bold artist, Marcel Duchamp: acts seemingly as trivial as putting a bicycle wheel on a kitchen stool, or turning a urinal on its side. Suddenly aes-

thetic honors were claimed for casual, uninteresting, ordinary objects. The Ready Made, the Found Object, began its existence as art.

The surge of the Ready Made and the emancipation of the landscape actually resemble each other. Just as the latter took place in the then most urbanized region of Europe, the former was preceded by the degradation of the everyday object through the equalizing process of mass production. In both cases, distinct visualization arguably built upon previous alienation. Whatever the similarity, there can be no doubt that the aesthetic repercussions of Duchamp's proposal were infinitely more drastic. For when the act of the artist is reduced to picking up things, the traditional association of art and craftsmanship evaporates, and with it the idea of the artist as a creator; it is left to the spectator to create his own world from the raw material provided to him.

Duchamp's ideas have had their ups and downs in modern art; currently, they seem to have a down. But things were different 20 years ago when conceptual art was still in the making, and an exhibition charting the field at the Boston Institute of Con-



Installation of *Surrogates* by Alan McCollum, now at the ICA.

temporary Art was able to generate both interest and controversy. Now, as the final in a series of retrospectives commemorating its 50th birthday, the ICA presents a sort of update of that show.

The present exhibition is woefully small compared to the range of issues it covers, and not entirely unambiguous for that. Its emphasis is shifted with respect to the 1966 precursor: rather than the found object in the tradition of Duchamp, it addresses appropriation in art in general. Indeed, virtually the only exhibit which displays the original exaltation of the everyday object is the collage *Apollinère Enamelled* by Duchamp himself. On a less elementary plane there are edited versions of Buñuel and the original *Body Snatchers*. But in Barbara Kruger's photographs, dramatically magnified and endowed with a metaphorical text, or Jenny Holzer's speeches on a message unit machine, the role of the Found Object seems marginal at best.

Yet there are some items which carry the appropriative effort further. Sherrie Levine's *After Walker Evans* simply reproduces some of that photographer's prints in new frames, and Louise Lawler's 1966 assembles three works by other artists (among them the classic *Campbell's Soup Cans* of Andy Warhol) in a statistics of the acquisitions of New York's Museum of Modern Art.

"Works" like these obviously bring us

back to that other side of Duchamp's conceptual revolution, that which bears on the meaning of artistic creation. Hence the presence of Alan McCollum's *Surrogates* (see photo), and a "Market Art" aluminum-plexiglas-neon construction of Peter Phillips and Gerald Laing, made in 1965 as the result of a poll asking for the features of a new work of art most likely to please the market. "They must have done something right, because it sells!" exclaims the accompanying magazine clipping. Presumably they have, but as with many of the other exhibits it is not exactly clear what.

\* \* \* \* \*

New York artist Robin Winters provides a strong contrast to *As Found*: the paintings in his one-man show currently at the ICA explore psychological and spiritual issues with traditional representational means.

Winters' work has a certain elusive playfulness — through which occasionally a rather gloomy discourse transpires. Most of his works are sketchy and loosely structured, as if built in a process of free association; the transition between drawing and painting is kept fleeting. His pictorial vocabulary, sometimes childlike, often spontaneous and surprising, bears clear traces of graffiti influence. His bizarre phantasy, grotesque allegories and fascination with masks inevitably evoke the art of James Ensor.

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The cast for Rossini's comedy will include Gail Dubinbaum, Betsy Norden and Douglas Ahlstedt. William Vendice will conduct. Wang Center, May 7 at 8 pm. MIT price: \$8.

*Roméo et Juliette*

Gounod's *Roméo et Juliette* will close the Met season in Boston. Conducted by John Mauceri, the cast includes Gail Robinson, Hilda Harris, Denés Gulyás and Paul Plishka. Wang Center, May 10 at 8 pm. MIT price: \$8



Tickets will be sold by the Technology Community Association, W20-450 in the Student Center. As opening hours are currently a bit sporadic, please call before you come. If nobody is in, please leave your order and your phone number on the TCA answering machine at 253-4885. You will be called back as soon as possible. Reservations will be held until three days before each performance.

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# sports

## Sports Update

### Heavyweights 2nd in Cochrane Cup

The men's varsity heavyweight crew finished second to the University of Wisconsin Saturday in the annual Cochrane Cup race. Rowing into a strong headwind on the Charles River, the first varsity boat edged out third-place Dartmouth by 1.2 seconds. Wisconsin won by a boat length. MIT's second varsity eight finished third in their race.

lightweight crew fared better than the varsity against Yale on Saturday. They narrowly beat the Yale frosh, while the first varsity eight lost by a boat length and the second varsity finished far behind Yale's second boat. Both heavy and lightweight men's crews will travel to Lake Quinsigamond next weekend for the EARC Sprints.

Softball split a Saturday doubleheader with Nichols, winning the first game 5-4 and losing the second 8-3. The team will end its season tomorrow with a game against Mt. Holyoke.

Skiing coach Dave Michael was named the 1986 Eastern Intercollegiate Skiing Association Division II Coach of the Year, it was announced last week. MIT had its best season ever in cross-country skiing this past winter, defeating all six Division II opponents and finishing third in the EISA Division II Championships.

By Katie Schwarz

The freshman men's

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