

MIT's  
Oldest and Largest  
Newspaper



**The Weather**  
Today: Mostly Clear, 48°F (9°C)  
Tonight: Cloudiness, 33°F (1°C)  
Tomorrow: Partly Cloudy, 45°F (7°C)  
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Volume 112, Number 20

Cambridge, Massachusetts 02139

Tuesday, April 14, 1992

## Committee Suggests Mandatory Meal Plan

By Reuven M. Lerner  
NEWS EDITOR

The House Dining Committee is considering a proposal that would require dormitory residents, beginning with the Class of 1997, to purchase a \$2,000 meal plan.

This latest proposal comes just one week after the committee suggested that residents of the four dormitories with house dining halls — Baker House, MacGregor House, McCormick Hall, and Next House — pay a \$1,300 yearly fee to subsidize the dining halls in their dormitories.

After an overwhelming number of students said they opposed the plan, the committee replaced it on Friday with one that would have charged residents of Institute-approved housing — including dormitories, graduate residence halls, and independent living groups — an under-\$100 "campus dining fee." Residents of the four dormitories with dining halls would have paid an additional \$400 in return for a 65 percent discount on food purchased in dormitory dining halls.

Substantial losses at the house dining halls, which the committee

had hoped to address in its proposals, would probably be absorbed by the Institute until the fall of 1996, when all dormitory residents would be on the meal plan.

William B. Watson, Baker housemaster and chairman of the committee, will send a final draft of the proposal to Senior Vice President William R. Dickson '86 in the near future, possibly by the end of the week. Watson was unavailable for comment last night.

### Sense of community

This newest proposal came out of the realization that it was "unfair

for the residents of the four houses to be stuck with the burden of the houses," said Next House President Katherine A. Bergeron '93, a member of the committee. "Our plan was to look at the system as a whole."

"I don't know if there was any huge dissent" among committee members, Bergeron said, "but there was a bit of confusion." She added that some of the students on the committee wondered if they had progressed at all during the meeting.

Committee members agreed that the house dining halls, which have lost between \$500,000 and \$750,000 during each of the last five

years, are an important way to foster a sense of community among students.

"A residence-based campus is what we want, where students live in residence halls and where dining in those residence halls is part of that experience," said Stephen J. Lippard PhD '65, MacGregor housemaster and a member of the committee.

Rather than address the problem at hand — subsidizing the house dining halls — the committee decid-

Meal Plan, Page 7



DOUGLAS D. KELLER—THE TECH  
"I hope it doesn't break." East Campus held its annual Spring Picnic Sunday. Festivities included six live bands and the Oddball Olympics. Here teams compete in a balloon toss across the court.

## U.S. Files for Overlap Judgment

### Government Alleges Financial Aid Discussions Were Price-Fixing

By Karen Kaplan  
EXECUTIVE EDITOR

MIT lawyers are preparing to file a brief in U.S. District Court opposing a request by the federal government for a ruling without trial in its antitrust suit against MIT. The government claims that the Institute unlawfully colluded with several high-caliber schools in determining student financial aid packages.

The government filed a motion for a summary judgment on April 3 in Philadelphia. MIT holds that the motion, if it is granted, will unfairly deny the Institute the right to fully present its reasons for discussing financial aid awards with other schools in the so-called Overlap Group, which includes 23 East Coast colleges.

Bruce Pearson, a trial lawyer with the Justice Department who is involved with the case, said MIT will be able to present its position in a brief for the court. "If the summary judgment is granted, it will be because the court felt MIT didn't have an adequate legal defense," he said.

Ten months ago, MIT was accused of violating the Sherman

Antitrust Act, which makes "agreements in restraint of trade illegal," Pearson said. Agreements among Overlap Group schools about financial aid for students are "an example of price fixing in restraint of trade," he said.

The Overlap Group met each spring to discuss the financial aid packages offered to students admitted to more than one of the member schools. The colleges agreed to offer only need-based scholarships

to these students in an effort to avoid bidding wars, in which students can be offered hefty merit-based awards.

"All of the students admitted to MIT are extremely well qualified. The mission of the aid program at MIT is to enable them all to attend," said Leonard V. Gallagher '54, director of student financial aid.

"In the absence of the [Overlap

Overlap, Page 7

## MIT Offers Technical Japanese Course for Materials Scientists

By Eva Moy  
ASSOCIATE NEWS EDITOR

The MIT Japan Program is offering a new technical Japanese course geared toward materials scientists and engineers, adding to the existing courses directed toward computer scientists and electrical engineers. These eight-week summer classes are designed "to develop in the participants the ability to read technical Japanese language documents in their area of expertise," according to Susan L. Sherwood, administrator of the Technical Japanese Language Project.

"If you think about the world today, [breakthroughs in technology are] in Japan. We aren't really looking at Germany any more," said Sherwood.

The MIT Japan Program is offering technical Japanese courses in these fields because Japan is "very

competitive in these two areas," Sherwood said. She added that there is a higher interest among American scientists in these fields than in others in which Japan is not as advanced.

The National Academy of Science has recommended that American scientists and engineers study Asian languages, especially Japanese, Sherwood said. She added that at present, there are few American scientists who can do research and read technical documents in Japanese.

"Technical Japanese is written quite a bit differently from ... documents studied in normal Japanese classes," and it employs a specialized set of vocabulary, Sherwood said.

Applicants are required to have "command of the basic structure of the Japanese language," in addition

to a "knowledge of the target field," Sherwood said. But "there are some people in physics and chemistry who can be qualified" as well, she added.

Mostly graduate students take the course, though some undergraduate students and business people have also expressed interest. Most have two to three years of college Japanese.

### Program to promote dialogue

The MIT Japan Program, part of the Institute's Center for International Studies, was established in 1981 to promote dialogue between American and Japanese scientists, engineers, and managers, according to Sherwood. It is presently the largest center of applied Japanese studies in the

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By Brian Rosenberg  
EDITOR IN CHIEF

Next fall, the physics department will offer a new version of Physics I (8.01) that extends through the Independent Activities Period. Called 8.01L, with the "L" indicating "longer," the course is "intended for freshmen whose high school physics included little or no calculus," according to the course description written for the Freshman Handbook.

The course will be offered on a trial basis, and enrollment will be limited to 100 students, according to Saul A. Rappaport, a professor of physics and one of two academic officers for the course.

Though no detailed planning has been done, 8.01L will focus on physical examples, said Alan J. Lazarus, a senior research scientist who will teach the course. Students often make "a separation between classroom exercises and real life, which is something we'd like to eliminate," he said. "We want to give students a physical feel for the material."

George S. F. Stephans, a principal research scientist, will teach the course with Lazarus.

The course will begin with "a lot of mechanics ... real-life objects that rotate and translate," said Lazarus. "We'll definitely throw a ball in the air and graph it and see that the acceleration is constant." Pre-calculus mathematical concepts such as trigonometric functions and logarithms will be reviewed through demonstrations like these.

Lazarus said the course would borrow some ideas from 8.01X, a version of 8.01 that focuses on take-home experiments.

The format of the IAP portion of 8.01L is "not clearly formulated," though it will be different than the portion of the class held during the term, Lazarus said. The course will meet for "roughly one hour a day, because we're trying to leave time for other things" in IAP, he added.

Questionnaires about 8.01L have been distributed to students in both 8.01 and Physics II (8.02). The questionnaires described the course and asked if students would have taken it if it had been available in

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## INSIDE

■ Outing Club provides an outlet from MIT.

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■ 1992 Edgerton/Mili Photo Contest announces winners.

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■ Men's Track sweeps meet.

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# WORLD & NATION

## Opposition Leader Kinnock Resigns

THE WASHINGTON POST

LONDON

Opposition Labor Party leader Neil Kinnock, his hopes of becoming prime minister smashed in last week's general election defeat, announced his resignation Monday and an angry debate followed on how to choose a successor.

Kinnock, who transformed the party from a broken relic of leftist politics to a sleek, modern, European-style social democratic movement, said he wanted a rapid transition so the party could offer a continuous challenge to Prime Minister John Major's ruling Conservatives. He proposed party elections in June.

The pre-emptive favorite to succeed Kinnock is party finance spokesman John Smith, an articulate Scottish-born lawyer whose popularity ratings in the polls far outstripped Kinnock's throughout the election campaign. He is expected to announce his candidacy Tuesday.

Smith's bandwagon was quietly rolling even before the election result and has been gathering speed. He has widespread support among party members in the House of Commons and among the large labor unions that control 40 percent of the vote in the electoral college that will choose the new leader.

But a number of prominent party members contend the process is being hijacked by Smith's supporters and moving too quickly at a time when the party needs to take a long look at itself and its policies.

## Flooding Forces Chicago Evacuations

LOS ANGELES TIMES

CHICAGO

Massive flooding in an ancient tunnel system beneath downtown Chicago forced the evacuation Monday of tens of thousands of workers and caused a power blackout in much of the central business district.

Subway lines were closed, hotels and office buildings emptied, and trading was halted at the Chicago Board of Trade and the Mercantile Exchange — the world's largest futures markets — because of the water, which surged through a hole in a retaining wall holding back the Chicago River.

As evening fell, more than 200 extra police officers patrolled the relatively deserted streets of downtown to deter looters. Mounted police were stationed every few blocks as well.

Workers tried to plug the automobile-sized hole with concrete after first slowing the flow with gravel, sand and used mattresses. It was uncertain late Monday if the efforts would succeed, but Fire Commissioner Raymond Orozco said the city had unspecified "back-up plans" should they become necessary.

What caused the rupture remained unknown, although it was speculated the retaining wall was weakened by pilings that had been driven into the river bottom last fall.

The water flooded an intricate 45-mile network of tunnels built beneath the city at the turn of the century to house telephone lines and accommodate freight cars that serviced downtown businesses. Nowadays, fiber optic lines, television cables, and telephone and electrical lines run through the tunnels.

## Prime Minister Urges Japanese Role in U.N. Peace Efforts

LOS ANGELES TIMES

TOKYO

Prime Minister Kiichi Miyazawa declared Monday that failure to enact bills to authorize the dispatch of Japan's armed forces overseas for peacekeeping missions would make Japan look like a "strange" nation to the rest of the world.

He also said the deceleration of Japan's economy was at an end and predicted that statistics for the January-March period, when announced in June, will show that an upward climb had begun.

Speaking in a nationally televised news conference, Miyazawa expressed his strongest support to date for bills that would enable Japanese troops to participate in a U.N. peacekeeping mission in Cambodia — an issue on which ruling party leaders had faulted him for aloofness.

"We are a country that has focused our foreign policy on the United Nations. Now the United Nations is carrying out the biggest peacekeeping mission in its history. The U.N. secretary-general's personal representative in Cambodia is Japanese, and so is the U.N. commissioner for refugees. In the midst of these circumstances, no matter how you look at it, it would be strange for us to do nothing at all," he declared.

## WEATHER

### Gray Skies

By Yeh-Kai Tung  
STAFF METEOROLOGIST

A large region of cloudiness located over the Midwest is slowly going to be passing over us, and skies will generally be partly cloudy through the period. A generally northwest wind will keep temperatures below normal.

**Tuesday:** Mostly clear. High 48 °F (9 °C). Winds southwest 5-10 mph (8-16 kph).

**Tuesday night:** Increasing cloudiness. Low 33 °F (1 °C). Winds shifting to north-northwest 10-15 mph (16-24 kph).

**Wednesday:** Partly cloudy. High 45 °F (7 °C). Low 36 °F (2 °C).

**Thursday:** Overcast. High 49 °F (9 °C).

# Russian Cabinet Resigns As Government Crisis Worsens

By Carey Goldberg  
LOS ANGELES TIMES

MOSCOW

The Russian Cabinet formally submitted its resignation to President Boris N. Yeltsin and stalked wrathfully out of the national Parliament on Monday in an explosive governmental crisis that ministers said threatened to wreck the country's economic reforms.

Yeltsin had yet to accept the resignation — the first by a full Russian Cabinet since before the 1917 Bolshevik Revolution — and lawmakers said there was still a good chance that a compromise could be worked out to make the Cabinet change its mind.

But the war of wills between ministers and legislators nonetheless amounted to the most volatile political clash the Russian president has faced since he began his economic reforms last winter. And it exposed fierce behind-the-scenes battles between the branches of government that, officials worried aloud, could stymie the reforms themselves.

Yegor Gaidar, Yeltsin's brash, 36-year-old economics chief, warned that Parliament, by making irresponsible economic decisions, would bring on "a catastrophic decline in living standards, famine, social upheavals, and chaos."

The Cabinet refuses, he told a news conference, "to follow the path of irresponsible populism."

Lashing back at Gaidar, Speaker Ruslan Khasbulatov accused the Cabinet of trying to blackmail the Congress of People's Deputies, which, as the national super-parliament of more than 1,000 members, is theoretically the highest governmental body. Habitually sharp-tongued, sarcastic, and condescending, Khasbulatov went a step too far this time.

In a jibe at the youth of the economists in the Cabinet, Khasbulatov sneered: "The boys just lost their

cool." At that, in some of the liveliest theatrics ever to hit the normally somnolent Congress, the two dozen government ministers arose en masse and stormed out of the white-columned hall, leaving Khasbulatov to adjourn the session and some 150 pro-Yeltsin deputies to discuss their own plans to boycott the Congress if it did not come around.

Khasbulatov later apologized on national television, saying he "didn't mean to insult anyone," but the damage was done.

Several ministers predicted that Yeltsin would take the floor Tuesday to foster a compromise. Probably, they said, it would be based on a formula proposed Monday that would defuse the immediate crisis by creating rules for solving disputes over fiscal issues between Parliament and the Cabinet.

Although its roots lay deeper, in the unclear division of power between parliament and the Cabinet, the current dispute arose over a resolution on economic reform that the Congress passed Saturday.

Trying to please the constituents whose standard of living has dropped sharply since the government freed prices in January, deputies voted that savings bank accounts should be indexed to inflation, government employees paid as highly as industrial workers, and agricultural subsidies increased dramatically.

They also gave Yeltsin just three months to come up with a law on the organization of the Russian government — after which his interim special powers to rule by decree would run out — and to nominate a candidate to replace him as prime minister.

Yeltsin's Cabinet, horrified at what it contends will mean the end of its reform program, fought back Monday with an alarmist memorandum estimating that if the Congress gets everything it wants, it will

swell the government's budget deficit to 1.5 trillion rubles, which would amount to 23 percent of the gross national product.

That, in turn, the memo predicted, would fling the country into hyperinflation at a level of 2,000 percent a year, and consumers' buying power would plummet to one-fifth what it is now.

Furthermore, ministers warned, if the West believes that the economic reform program may be radically altered, it may renege on the billions of dollars in aid it had promised, including the latest package of \$24 billion.

In Washington, a Bush administration official offered a blunt warning to the Russians:

"We don't want to tell them what to do," he said. "But if they do things counterproductive to establishing a reliable economic program, we're not going to sink taxpayer dollars into a likely loser."

The official, who spoke on condition of anonymity, said the administration was watching the development carefully and was "not yet alarmed."

"The fact the Cabinet threatened to resign over the apparent attempt to gut the economic program by the Congress of People's Deputies underlines that the Cabinet is serious about economic reform," he said.

"Yeltsin is a political survivor, and a good politician has the capability of coming out of this with what he wants and support for his program," the official added. But, he said, "if the Congress of People's Deputies should succeed in gutting the economic program, that would be a very bad sign and would place in jeopardy the package of economic assistance we put together."

He continued: "It is possible Yeltsin will win the day and explain to them the importance of staying the course."

# Study Finds Chernobyl Radiation Worse Than Originally Reported

By John-Thor Dahlburg

LOS ANGELES TIMES

MOSCOW

Many more people were bombarded by high doses of radiation from the Chernobyl accident than officially reported, and even those who received small doses are in jeopardy, a pioneering Russian-American study has found.

"We have gotten a completely new picture of the medical consequences of the Chernobyl catastrophe," said Dr. Vladimir M. Lupandin, a Russian physician who was one of the leading investigators in the survey.

"The situation is worse in human health terms than the International Atomic Energy Agency said after its six-day survey, worse than the former Soviet Health Ministry said," commented Francis Macy, a psychologist at the Center for U.S.-U.S.S.R. Initiatives in San Francisco and an American participant in the study.

Lupandin, who interviewed health professionals serving communities dusted with fallout, said as many as 10,000 to 12,000 evacuees from just one of the districts of Belarus lying within a 30-kilometer (18.5-mile) radius of the power plant showed symptoms of heavy irradiation after the reactor explosion and fire in April 1986.

Soviet public health officials and IAEA experts have maintained that

only around 100 people were hit with large radiation doses. Lupandin said the very low figure was patently absurd, but fully understandable.

"The KGB told doctors not to tell anyone anything," Lupandin told a Moscow conference of grassroots environmental activists.

IAEA researchers were fed blatantly false information by officials they spoke to, or even by their interpreters, he added.

"It is only with the collapse of the Soviet Union that the true story is emerging, that physicians will speak freely," the doctor said. The actual number of people who suffered massive, potentially fatal exposure to the radiation loosed by Chernobyl "may be hundreds of times, even a thousand times," greater than previously thought, he said.

To buttress his point, Lupandin tracked down 235 people who originally lived in the Belarus village of Ulasy, located less than two miles from Chernobyl, which is just across the Ukraine border, and who were resettled after the village was evacuated.

Thirty-five of the relocated villagers, although they were in the prime of life and felt fine for three years after the nuclear accident, are now dead of cancer.

Of the survivors, many now suffer from goiter or diabetes, Lupandin said.

The leaders of the 13-month research project said it supported the pessimistic forecasts of John W. Gofman, professor emeritus of medical physics at the University of California, Berkeley, that the health of at least 1 million people has been menaced because Chernobyl exposed them to low-level, but prolonged, radiation.

That finding flies in the face of statements by authorities in both the Russian and IAEA bureaucracies, who assert that there is no such thing as "chronic radiation illness" caused by the Chernobyl accident, Lupandin said.

He said that in western areas of the Russian region of Bryansk, which were irradiated by fallout, the chief pediatrician of the Russian Health Ministry reported that half of the children show signs of chronic radiation sickness, such as lymph gland inflammation, digestive tract and kidney failure, and anemia.

Soviet authorities admitted to 32 people killed in the reactor explosion and fire. But Vyacheslav S. Konovalov, a Ukrainian biologist, told the Moscow conference that 8,500 of the men who toiled at Chernobyl to entomb the No. 4 reactor in concrete and quench hot spots of radiation have since died.

# Clinton Gets Endorsement from Organized Labor

By Frank Swoboda  
THE WASHINGTON POST

Organized labor Monday endorsed Arkansas Gov. Bill Clinton for the Democratic presidential nomination in an effort to put to rest any idea of a brokered convention and allow the party to begin focusing on the general election contest against President Bush.

Top leaders of the AFL-CIO, including a number of union presidents who had been supporting the candidacy of former California Gov. Edmund G. "Jerry" Brown Jr., voted unanimously to recommend that the 14-million member labor federation endorse Clinton.

"The committee's vote is a reflection of the feeling across the breadth of labor that now is the time to act," AFL-CIO president Lane Kirkland said Monday.

The action came after a telephone conversation Monday morning between Kirkland and Clinton in which the Arkansas Democrat essentially endorsed the trade position taken by House Majority

Leader Richard A. Gephardt (D-Mo.) to provide protections for American jobs and worker rights in any North American Free Trade Agreement.

To the consternation of organized labor Clinton and Gephardt both endorsed giving the Bush administration fast track authority for approving a trade agreement. But in search of a middle ground to satisfy labor Clinton has regularly quoted Gephardt's doubts about whether the sort of treaty the administration would negotiate would adequately protect the interests of American workers.

After the telephone conversation, said a source who was at the meeting, "everyone breathed a little easier." The trade issue has been a major concern of organized labor, particularly among the industrial unions that had originally thrown their support behind Sen. Tom Harkin (D-Iowa), an opponent of fast track authority and advocate of an agreement that labor could sup-

port. The AFL-CIO will not officially endorse Clinton until May 5, the next meeting of its 35-member Executive Council, but that will be simply a formality. The federation Monday ordered its state and local

heads into primary states such as Pennsylvania, Indiana and North Carolina. He said it also would help end any serious hope some unions might have that another candidate could be produced by a brokered convention.

candidate be in a position to organize his campaign as soon as possible."

Labor sources said the unions began to lean in the direction of endorsing Clinton after seeing the results of the New York primary last

**"The committee's vote is a reflection of the feeling across the breadth of labor that now is the time to act."**

**AFL-CIO President Lane Kirkland**

political operations to immediately begin working for the Clinton campaign.

Kirkland said labor decided to act because there it is now impossible for Brown to get enough votes to win the nomination. "I have no sense of there being some white knight out there who would lead us to the promised land," he said.

One union political source said the endorsement was designed to prevent Brown from winning significant union support as the campaign

Kirkland said labor wanted to help Clinton avoid what happened to Democratic presidential nominee Walter Mondale in 1984 when he had to fight for delegates up to the opening of the convention. As a result, Kirkland said, Mondale was unprepared for both the convention and "never got a campaign going."

By making the endorsement now, Kirkland said, labor could help "give the candidate a chance to prepare himself for the convention and the campaign. It's important that the

week. "The fact that he won New York showed he had some grit," the source said. "He didn't run from the issues."

Monday Kirkland praised Clinton's courage in the campaign. "Gov. Clinton has really been through the gauntlet," Kirkland said. "It's the toughest gauntlet I can remember and he's stood up extraordinarily well under it." He said Clinton "deserves a good bit of admiration" for standing up under attack.

# Mandelas Separate after Two Years of Discontent

By Scott Kraft  
LOS ANGELES TIMES

JOHANNESBURG, SOUTH AFRICA

The storybook marriage of liberation leader Nelson Mandela and his wife, Winnie, ended with their separation Monday after four years of romantic bliss, 27 years of apartheid-enforced separation and two trying years of political disagreement and marital discord.

"I part from my wife with no recriminations," a somber Nelson Mandela told reporters summoned to African National Congress headquarters. "I embrace her with all the love and affection I have nursed for her inside and outside prison from the moment I first met her."

The split between the 73-year-old Mandela and his 57-year-old wife had been brewing since his release from prison in February 1990. Winnie Mandela has consistently taken a more radical political stance than her husband, and in recent months she was also romantically linked with Dali Mpofu, her deputy in the ANC's social welfare department.

Nelson Mandela gave no specific reason for the split, blaming "the

tensions that have arisen owing to differences between ourselves on a number of issues in recent months." The decision to separate was mutual, he said. "My love for her remains undiminished."

Mandela said that he and his wife had never been able "to enjoy a normal family life" due to the demands made on them by their commitment to the ANC. And he said that his wife "was an indispensable pillar of support and comfort to me personally" during his years in prison. He also noted that she had brought up their two daughters by herself and waged a lonely, courageous battle against the white-minority government.

"I personally shall never regret the life Comrade Nomzamo and I tried to share together," he added, using his wife's African first name.

The ANC president added that the breakup had nothing to do with his wife's conviction last year on charges of kidnapping and assaulting four young black activists or recent allegations that she was directly involved in the 1989 killings of a 14-year-old activist and a doctor who examined the boy at

her Soweto home.

Winnie Mandela has denied the recent allegations, and she has appealed her conviction and six-year prison term. She is free on her personal recognizance, pending the outcome of the appeal.

"Comrade Nomzamo has and can continue to rely on my unstinting support during these trying moments in her life," Mandela said.

Mandela, flanked by senior ANC officials, would not answer questions from reporters. But he added one sentence to his prepared statement: "Ladies and gentlemen, I hope you appreciate the pain I have gone through." Then, walking slowly, he left the room.

The Mandela love affair began in 1958, when the dashing lawyer Nelson, then separated from his first wife, began courting the shy, doe-eyed 23-year-old Winnie. While on a summer drive, he pulled the car over to the roadside and proposed marriage, a scene later re-enacted in an American made-for-TV movie.

It did not worry Nomzamo Winifred Madikizela that her husband-to-be was on trial for treason (he was later acquitted of that

charge), that he was 16 years her senior or that his sophisticated friends regarded her as too young and naive to be a revolutionary's wife.

Years later, writing to Winnie from prison, Nelson admitted that he had agonized over having "abandoned this young and inexperienced woman in a pitiless desert, literally throwing her into the hands of high-women."

Winnie Mandela, though, turned out to be made of stronger fiber than anyone guessed. She supported her husband's cause through relentless police raids, several dozen arrests, banning orders and banishment from Soweto to the distant Orange Free State township of Brandfort. She once knocked a policeman to the floor after he had refused to allow her to change clothes before being taken into custody.

But the tables turned on her in 1989. Many in her Soweto neighborhood complained about the strong-arm tactics of her young bodyguards, who used the powerful Mandela name to gain entrance to nightclubs and commit murders.

The internal anti-apartheid movement, then known as the Mass

Democratic Movement, publicly ostracized her, and her husband demanded from his jail cell that she disband the bodyguard retinue. Winnie Mandela, exhibiting the same streak of independence that had won her admiration worldwide, ignored her critics.

When her husband was released from prison, she said that she had turned over a new leaf. In an interview with the Los Angeles Times, she said that she was enjoying her new role in her husband's shadow. But her political ambitions soon surfaced, to Mandela's chagrin.

"Nelson really wanted a wife. He didn't want a politician," said Fatima Meer, a Durban professor and close friend of the Mandelas. "But, with all those years of her support, he couldn't stand in her way."

The breakup, by itself, was not likely to threaten Winnie Mandela's position on the ANC's national executive committee or as head of the social welfare department. She and her husband had been living apart since November, at first because of threats on his life but later by mutual agreement.



**Some People Commit Child Abuse Before Their Child is Even Born.**

According to the surgeon general, smoking by a pregnant woman may result in a child's premature birth, low birth weight and fetal injury. If that's not child abuse, then what is?



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# OPINION

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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer for \$20.00 per year. Third Class by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139-0901. Third Class postage paid at Auburn, Mass. Non Profit Org. Permit No. 59720. POSTMASTER: Please send all address changes to our mailing address: The Tech, PO Box 29, MIT Branch, Cambridge, Mass. 02139-0901. Telephone: (617) 253-1541 FAX: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1992 The Tech. Printed by MassWeb Printing Co.



## LETTERS TO THE EDITOR

### Cafeteria Fee Hurts Graduate Students

We, the undersigned residents of Ashdown House, are writing to protest a plan to charge all students in Institute-approved housing a fee of \$100 per year to offset the losses caused by four undergraduate dormitory dining halls. It is appalling that such a grossly unfair plan is even being seriously considered. Under this plan, a large number of students living in graduate residences, as well as independent living groups and other undergraduate dormitories, would be forced to stretch their own severely restricted budgets to subsidize other students.

As graduate students who have chosen a community lifestyle, we empathize with undergraduates. Many of us have worked hard to mutually enrich both graduate and undergraduate student lives by attending teaching colloquia to learn how to become better TAs, by interacting with undergraduates in activity, religious, or social groups, or by personally reaching out and offering support, technical knowledge, and encouragement as students who have "been there."

We wish to correct the current depiction of graduate students as people with extra money to burn. For most of us, attending graduate school is a major financial struggle. In order to make ends meet, a lot of us take extra jobs or loans and deplete savings accounts that may have been built up from working before attending graduate school.

If the plan to subsidize the dormitory dining system is implemented, we believe many students would immediately leave the Institute housing system, forfeiting both the convenience of living on campus and the fairly supportive community we've managed to build. In these recessionary years, the local rental market is already competitive with on-campus prices. We believe the financial loss to the housing system would far outweigh any gain to the dining system.

We are amazed that the dining system is not making tons of money with the high prices already being charged. We support the recent *Tech* column which suggested that ARA restructure dining schedules and possibly expand central locations to better accommodate student schedules. Perhaps community kitchens would work better in dormitories, by offering students the opportunity to prepare their own food at any convenient time of day for significantly less money.

Kathy Misovec G and 68 others

### Fee Imposes Financial Burden

The administration has done it again. Not only have they ignored our opinions on ARA, they seem to have deliberately decided on a course of action exactly opposite of what the majority of MIT undergraduates want and need.

The new food plan penalizes those, like myself, who are trying to save money. If you eat only at Lobdell or any other dining hall, you can easily spend \$10 a day on food. If you are lucky enough to live in a dorm with a

kitchen, you can eat fairly well on \$25 per week. Over the course of the year, cooking for yourself, you can save over \$1,000.

Of course, you do have to spend time preparing the food, but for me and many others that I know, we are able to attend this place because our parents scrimped and saved, and for us, we are more than happy to spend a little bit of time so we don't have to go \$4,000 more in debt.

Kristi Berry '95

### Croatia Suffers Under Yugoslav Rule

We are the Croatian community in the United States. What is the Croatian community? We are the people and the descendants of the people from the state of Croatia, which is located in what used to be Yugoslavia, near Italy and Austria. We, the people of Croatia, have dared to do what the United States did in 1776: demand our freedom, our independence, and an end to foreign occupation.

For that declaration of independence, we have paid a heavy price. Almost half of our country has been destroyed by the Yugoslav Communist Army, which is not only overwhelmingly better equipped than our army, but is probably the most ruthless army in the world.

As the result of our fight for freedom, 13 centuries of our history and culture were destroyed, and tens of thousands of people were killed or are still prisoners of the Yugoslav government. One-fifth of our population is homeless.

What genuinely hurts Americans of Croatian descent is the fact that not only did President Bush not aid us, but that he sided with our aggressors and declared that he had no objections to the Communist government of Yugoslavia using force to keep the country together.

Perhaps this is the first you have heard of our plight. The reasons for this are simple: we have no oil, no nuclear weapons, no minerals, no cash crops, and no exports of importance to the rest of the world. Therefore, as far as big business, the media, and President Bush are concerned, what happens to Croatia is

only of interest to other Croatians.

Now that you have been made aware of this most disgraceful situation, I am requesting your assistance to help try and remedy this atrocity.

Please write, phone, fax, or otherwise contact your Senators, Representatives, Cabinet Members, the President, and the State Department and ask them to support the freedom and independence of Croatia and demand that they stop the destruction of an entire nation of people. Please help.

Stjepan Balog

### Don't Let Labs Hurt Environment

Earth Day 1992 is coming up on April 25. We are on the staff of the Biology Teaching Lab and know of many enthusiastic participants in Institute paper, pipet-tip-rack and styrofoam-box recycling programs who want to do the right thing for our planet. When it comes to other aspects of lab work, though, some may be unaware of the harmful environmental consequences of bad work habits. In observance of Earth Day, we would like to suggest that those who work in labs at MIT take a few minutes to consider the effects that some everyday lab practices may have on our harbor at the other end of the drains, on our fragile atmosphere into which the fume hoods and incinerator stacks empty, and on our already choking landfills.

As a reminder, some steps we can take to help include reducing the quantities of materials and hazardous chemicals we use, switching to less hazardous alternatives, and disposing of chemical wastes properly. We can replace disposables with good old-fashioned reusables. We can reuse solutions with hazardous ingredients. Only buy the amount of chemical you need, even if it is cheaper to buy in bulk; the disposal costs of excess chemicals are far greater than the amount saved. In molecular biology, there are alternatives to radioactive processes — we should utilize them.

Organic and toxic wastes, including

Letters, Page 5

## LETTERS POLICY

**Editorials**, printed in a distinctive format, are the official opinion of *The Tech*. They are written by the editorial board, which consists of the chairman, editor in chief, managing editor, executive editor, news editors and opinion editors.

**Dissents**, marked as such and printed in a distinctive format, are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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

**Letters to the editor** are welcome. They must be typed, double-spaced and addressed to *The Tech*, PO Box 29, MIT Branch, Cambridge, Mass. 02139, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to tech@athena.mit.edu. All submissions are due by 4 p.m. two days before the issue date.

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

# LETTERS TO THE EDITOR

Letters, from Page 4

ethanol, methanol, ethidium bromide, and formamide, to name a few, are collected by the Safety Office, and disposed of by licensed treatment, storage, and disposal facilities. Recently hired collection staff have reduced pickup time considerably; normal amounts of waste chemicals in containers up to one gallon in size are covered by Institute overhead. Empty solvent bottles are very convenient for collecting hazardous waste.

By setting a good example, as we attempt to do in 7.02, we may influence the attitudes and practices of others with whom we work, and create good work habits from the start for new lab personnel.

As scientists, we know that the "stuff" we generate in our labs doesn't disappear once it leaves the laboratory. The good stuff ends up in the journals; the fish in Boston Harbor, our lungs, and our children may be getting the leftovers if we are not careful. Earth is a finite place, a "closed system." What will the final product be like if we are careless about the reagents we pour into that system? We have a great opportunity, as well as a responsibility, to reduce the harm our work may have on our planet, and to keep Earth livable for future generations.

Deborah A. Fonda, Claire L. Sullivan

## Center Would Address Women's Concerns

We — students, staff, and faculty, propose the establishment of a Women's Resource Center at MIT. Many other universities of MIT's caliber, such as Princeton, Dartmouth, and Brown, have established women's resource centers. Although there are some resources for women on the MIT campus, they are not centrally coordinated, fully supported, or publicized, nor are they made available to the full MIT community.

An MIT Women's Resource Center will provide a centrally located space on the main campus, accessible to the entire MIT community. It will have a paid director who will be responsible for coordinating events and services for women and those members of the MIT community concerned about gender-related issues. One of the key goals of the center would be to address the unique problems faced by women from ethnically and racially diverse backgrounds.

Among the services that the Women's Resource Center could provide are: education for women and men about gender-related issues and concerns; information about career planning, scholarships, and grants for women; programs that provide women with mentoring and networking opportunities; support, counseling, and a crisis hotline for rape/harassment and other gender-related problems; and advoca-

cacy for individuals filing sexual-harassment or assault complaints.

Establishment of the MIT Women's Resource Center will require support and funding from the administration. We welcome individuals and organizations to now come forward to share ideas and express support.

Banu Ramachandran '92-  
for the *The Women's Resource Center Committee*

## Condoms Are an Imperfect Defense

This letter is a response to Claire M. Woodman '95's letter regarding the efficacy of condoms and the spermicide nonoxynol-9, in reducing the spread of the human immunodeficiency virus which causes AIDS ["Attitude About Condom Use Must be Realistic," April 10].

My first concern is the discrepancy in our reported failure rates for condoms in preventing pregnancy. Both Woodman and I used the same source, *Contraceptive Technology*, for our facts regarding condoms. Although the source did give a theoretical 2 percent failure rate among "perfect users," only one study has produced such results.

The average failure rate for all studies reported was 12 percent. The most commonly cited reason for failure was the lack of use of a condom. Realizing that people don't always

act in a rational way during a sexual encounter, it is unlikely that most will use a condom every time. It is therefore irresponsible to advise condom use knowing that many will probably not use one. Even for people who *knew* their partners were HIV-infected, there was a 17 percent failure rate for using condoms.

Confusion has also arisen over the efficacy of the spermicidal agent nonoxynol-9 in reducing HIV transmission through sexual contact. Woodman claimed that the spermicide has been proven effective in killing the AIDS virus. True enough. Nonoxynol-9 has been shown to be effective in inactivating HIV *under laboratory conditions*. However, recent concern over the tendency of nonoxynol-9 to cause ulcerations in vaginal and rectal tissue has caused public health officials to re-evaluate what role the spermicide should play in their comprehensive "safer sex" guidelines.

According to the 1988 edition of *Your Guide to Safer Sex and the Condom*, published by the Family Planning Association and the Health Education Authority of the United Kingdom, "spermicides ... may give extra protection." However, the 1991 edition of the same guide did not mention possible protective effects of the spermicide, but rather advised against its use.

Robert Terwilliger '92-



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## Engineering Students Needed for Campus-Wide Energy Survey

**Job Description:** XENERGY, Inc. has been contracted by the MIT Office of Facilities Management Systems to survey campus buildings as part of an energy accounting study. Engineering students are needed to conduct a room-by-room inventory of lighting, computer and laboratory equipment, as well as utility services.

The position requires good communication skills in interviewing MIT faculty and staff about the operating characteristics and occupancy schedules in each room of a building. Attention to detail and accuracy is a must. Training will be provided by XENERGY.

**Time Requirement:** Flexible, 10 to 15 hours per week during business hours Monday through Friday, April 20 to May 29.

If interested, attend an orientation session April 16, 3:00 pm, Room 212, Bldg. 42 (Central Power Plant).

**Wage:** \$10.00 per hour.

**Contact:** Paul Lyons  
XENERGY Inc.  
Three Burlington Woods  
Burlington, MA 01803

**Tel:** 617-273-57000 Ext. 222



**Seeing  
is  
Believing**

**Microsoft Information Day  
at the MIT Computer Connection  
April 16, 1992**

Microsoft Corporation and the MIT Computer Connection encourage you to stop by for our "Microsoft Information Day," to be held Thursday, April 16 from 10am to 4pm at the MIT Computer Connection, Student Center, Lower Level.

Representatives from Microsoft will be on hand to demonstrate applications and answer questions about their Macintosh and Windows programs. See Windows 3.1, Excel 4.0, Word for Windows 2.0 and Word 5.0 for the Macintosh.

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MIT Information Systems

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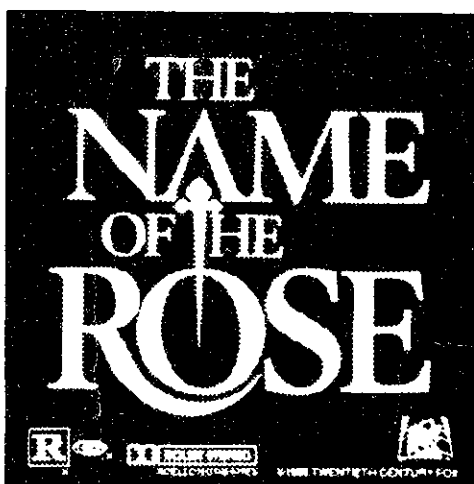
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# U.S. Files for Summary Judgment in Antitrust Suit

Overlap, from Page 1

Group] agreement, schools would engage in merit-aid competition. Money to fund that merit-aid competition would come from need-based aid," said Thane Scott, an attorney representing MIT in the lawsuit. "The amount of money available for need-based aid would be reduced. Then you have the question of what do you do with the kids who need aid but for whom it isn't available," he added.

Gallagher said that "Freed from the constraints that the Overlap arrangement provided each of us, there is the fear that a college will begin to use financial aid to entice students to attend and that other colleges will want to follow suit."

Lawyers for the government contend that MIT is in agreement with them on the major facts of the case, and that this makes the case ripe for a decision without a trial. "We think there are facts that are not in dispute and that these facts are pretty dispositive," Pearson said.

Pearson said there are three major areas of agreement. "First, the Ivy Overlap members agreed not to give merit aid. Second, they agreed on a formula to determine family payment [self-help level] for aided students. ... Third, for those students admitted to two or more of the Overlap member schools, their family contributions were discussed at a spring meeting," he said.

Thane Scott, a lawyer for MIT, disagreed. "The question is, why did people meet and what was the effect of the meeting. MIT's position is the purpose of the Overlap meetings were good purposes. ... Because of Overlap, lots of good things were accomplished and many students benefited who would otherwise have been denied admission or who wouldn't have gotten any financial aid," Scott said.

## Government position contested

In a statement released on Friday, MIT lists several "problems with the government's move to bar a trial in this case." Among them are:

- Wealthy students will be pitted against poor students.

"The government's motion ignores the economic reality that giving scholarships to talented, wealthy students will take scholarships away from talented, poorer students, and thus close the door to those who are unable to attend MIT without scholarship assistance. ... For MIT, this would be unacceptable, particularly given the uniformly high qualifications of all the students MIT admits," the statement said.

"The Overlap Group has no effect on the aggregate financial aid awards of a school," said Scott. The government's position is that by agreeing to award only need-based financial aid, scholarships will only

go to talented, poor students and none will go to talented, wealthy students, and that this constitutes discrimination against wealthy students, Scott said. "It's hard to deny who the beneficiaries of the government lawsuit are," he said.

- Private colleges ought to be able to mandate need-based aid, since Congress mandates that federal scholarships be awarded solely based on need.

"Congress requires all colleges and applicants to agree to a need-based Financial Aid Form system designed to conserve scarce federal funds and to ensure that federal financial aid is awarded only to students whose families can demonstrate financial need. ... The private college's financial aid system was established to ensure that their limited, private financial aid funds were

distributed solely on the basis of need," the statement said.

- "The Justice Department says need-based aid is all right for athletes; it should also be all right for their classmates," the statement said.

The Supreme Court has ruled that schools can agree to offer only need-based scholarships to athletes in order to regulate athletic competition between schools, Pearson said.

If schools can make agreements to only offer need-based scholarships to athletes, they should also be able to make similar agreements concerning academic scholarships for the rest of the student body in order to keep the policy consistent, Scott said.

"Athletic scholarships are not part of the case. It's just a price-fixing case," Pearson said.

## Other schools signed decree

All other members of the Overlap Group signed a consent decree last May, agreeing not to discuss financial aid policies in the future without admitting past guilt. MIT was the only school to refuse to sign, and the Justice Department subsequently filed suit.

"The government contended it was an unlawful and unreasonable restraint of trade and commerce for the schools to agree to give financial aid solely on the basis of economic need, and to cooperate in making sure that private financial aid given to commonly-admitted undergraduates was based solely on the students' financial need," the statement said.

If the request for a summary judgment is denied, the case is expected to go to trial this summer.

## Dining Committee Considers \$2,000 Required Meal Plan

Meal Plan, from Page 1

ed to look at students' long-term interests. "We don't want to move into something so quickly that it produces problems. ... We're trying to find a plan that will be fit for MIT some years down the line."

### Cost is not high

While the \$2,000 plan would mean an increase in many students' food budgets, it would still cost far less than the plans at many universities in the Boston area. Harvard University, for instance, has announced that it will charge dormitory residents \$2,765 this fall, and Boston University charges residents of its dormitories an annual fee of about \$2,500. Students at Tufts University are charged about \$1,400 their first semester, and successively less each semester after that.

Not all of the \$2,000 would go toward food, Bergeron said. "It's

not straight declining balance. ... You'll pay \$2,000 and use \$1,500 to spend on food."

To make up for this difference, the committee may propose that students be allowed to mix commons and a la carte service, choosing the meals at which they would like to use each plan. However, the details of such an arrangement have not been worked out yet.

Lippard said that MIT Food Services would have to justify the extra cost through improved food and service. "The only way this is really going to work and be a real value for residence-based living on this campus is if the quality of the food is high," he said. "I think it's very important that any such plan be accompanied by assurances that the quality of the food at house dining halls be more than adequate."

## PHYSICS OPEN HOUSE

Freshmen and Undesignated Sophomores are invited to explore the possibilities offered when majoring in physics, at this annual event. Information will be available on curriculum, departmental divisions, Society of Physics Students and UROP. Faculty and present physics majors will be on hand to discuss options and opportunities.

## REFRESHMENTS

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MIT Information Systems

## COMMENCEMENT

Student volunteers are needed to usher at Commencement and the President's reception on  
**Monday June 1, 1992**

Ushers will be allowed to remain in campus housing until Commencement

To apply, see Donna Kendall in the Student Financial Aid Office,  
5-119

You must be a currently registered MIT student

Applications will be accepted until  
**April 17th, 1992**

*A primer on the...*

# **Student Life Fee**

---

**If you're an undergraduate...**

**You already pay it, but you don't have a say as to how much you pay.**

You pay it in three parts: First, \$9 per term comes out of your tuition to support campus-wide events and student activities. Second, the Athletic department charges \$20 from each student for an athletic card. Third, \$3.50 per term comes from tuition, gets sent to the Deans of the five Schools (Engineering, HASS, etc.), which they then provide to support the *Course Evaluation Guide*.

Because administrators set tuition, the cost of Athletic cards, and MIT's budget, students don't control the overall amount that gets collected from them and used for these student activities, events, and services.

**The point of the Student Life Fee is to give undergraduates control over how much they pay.**

**It doesn't have to cost you any more money.**

The idea is to transfer the first part (student activities) and the third part (the *Course Guide*) out of tuition, where students have no control over how much (or how little) they pay, and place it into a charge collected through the Bursar's Office that students **do** control. For the second part, the idea is to make athletic programs and facilities available to all undergraduates without the hassle of athletic cards and to eliminate the temptation for people without cards to sneak past security or "borrow" a friend's card.

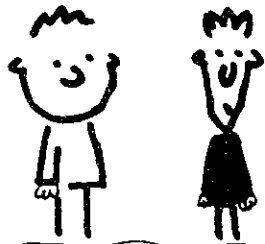
**You will be voting on the  
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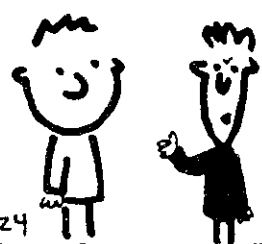
# Jim's Journal

by Jim

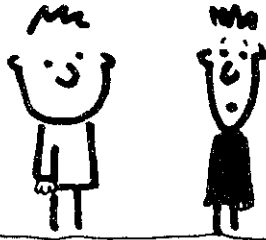
Today Steve was saying he wished they'd make an Aquaman movie.



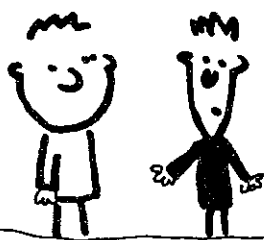
"He's my favorite super hero, and they haven't made a movie of him yet," he said.



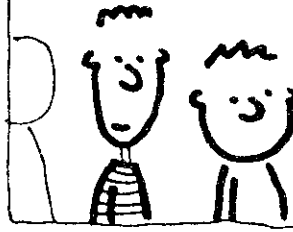
He asked me if I'd go to an Aquaman movie and I said I suppose I would.



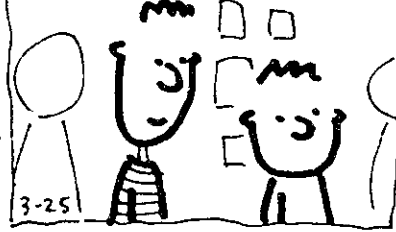
"see—" he said, "they should make one!"



I ran into Tony today and we ended up going to the post office together.



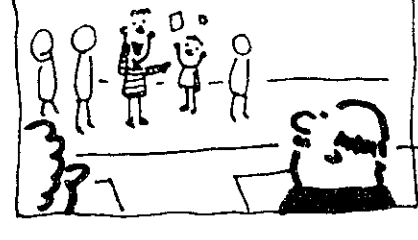
We stood in line and Tony was looking at the FBI posters of wanted fugitives.



He pointed to one and said, "Hey, this one looks like you, Jim."



Then he yelled to the postal workers, "I found one! I'll hold him down, you call the cops!" and laughed.



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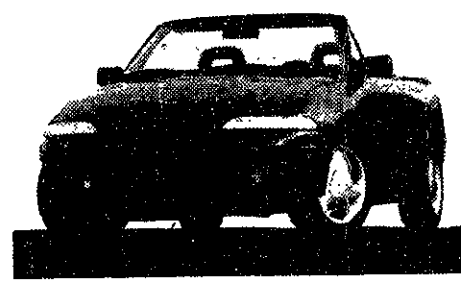
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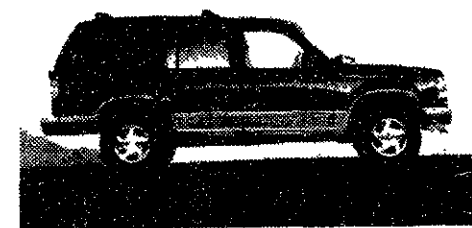
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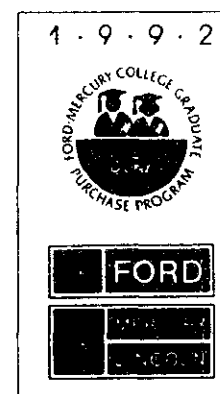
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## Japanese Course Gives Students Ability to Read Technical Articles

Japanese, from Page 1

United States, she added. The program was founded to address the "information gap" between Japan and the United States. The program pursues this goal through three core activities: education, research, and public awareness.

Sherwood added that the program "tries to level up the playing

field," as there are many Japanese in the United States and at MIT. In addition to the technical Japanese courses, the MIT Japan Program has sent about 50 interns to Japan in recent years, the first and largest American program to do this. This is "a drop in the bucket compared to what Japan is sending" to the United States, she added.

### Positive response

Scott M. Decker, a student at Harvard University and a freelance interpreter and translator, took the technical Japanese course in the summer of 1989. "I got a tremendous amount out of it," he said. It

"gave me a foundation from which I could build," and acted as a "springboard" into translating and interpreting in the areas of quality control, production, and manufacturing, he said.

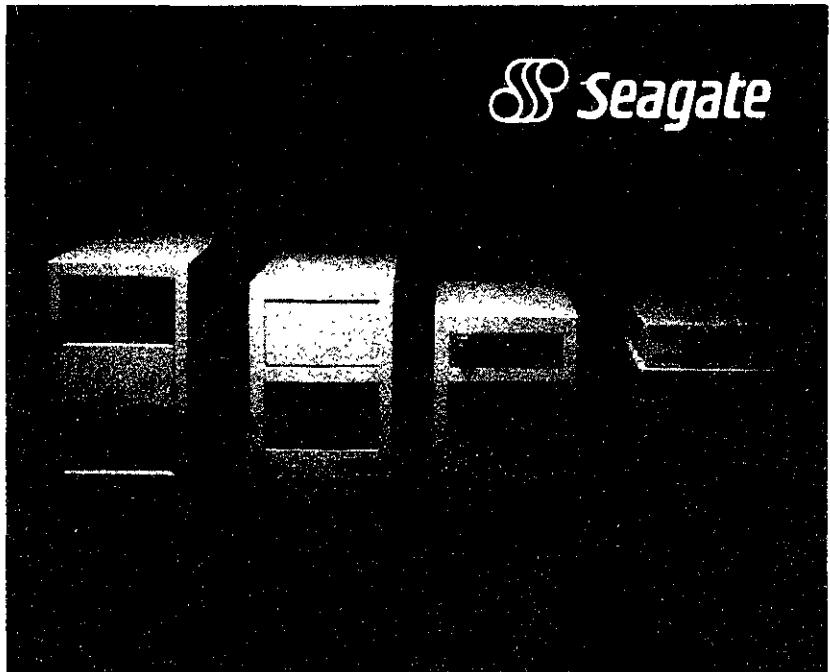
Michael E. Caine SM '85, a PhD candidate in mechanical engineering, described the class as "intense." He added that "it gave me a little more confidence [and] allowed me to take more away from [technical articles] when I read them."

Now Caine said he can read technical articles more quickly for his research and thesis work. "I think [the program is] great. The more areas they can branch out to, the better," he added.

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# Outing Club Offers Students Chance to See Nature

By Kathy Sun  
STAFF REPORTER

As an alternative to the long days spent at MIT, the Outing Club, operated by students and alumni, takes every opportunity to help students escape problem sets by organizing various activities that bring them closer to nature.

According to Richard Brezina '92, a coordinating chairman of the group, "The club is organized to help people 'get away' from MIT. ... Our main goals are to make trips convenient, inexpensive, and fun." MITOC has approximately 200 members, about 50 of whom are active, with a third taking the role of

experienced leaders. The club's trips often include activities such as hiking, canoeing, kayaking, rock-climbing, and even ice-climbing. To keep things in order, MITOC meets twice a week to plan trips and discuss how to improve future "outings."

One special activity MITOC has

offered was a winter school, held during Independent Activities Period. About 50 students, faculty, and alumni enrolled this past January. Students learned about the skills necessary for cross country skiing, how to hike in harsh weather with snowblades, and other winter sports needs. "Once a week, they did lectures which included winter hiking and winter skiing," which then helped on weekend trips, said Abraham D. Stroock '95.

Each year, MITOC also hosts a fall and spring circus in which a large group of people head out to the mountains for a long weekend and camp-out. This year's spring circus will be held at Camelot, a cabin near Plymouth, New

Hampshire.

Trips have traditionally been gone to places such as Arcadia National Park and Baxter State Park, both in Maine, as well as numerous stays in the backwoods of New Hampshire. The club welcomes all students, especially freshmen, to join now. Trips are normally organized by popular request, and the ice-climbing season looks to be around for a few more short weeks, club members say.

Jonathan Richmond PhD '91, a member of MITOC's board of directors, said, "In one weekend, the club taught many lessons of community which are so often lacking at MIT, and built relationships of friendship and respect."

## 8.01L Will Continue into IAP

8.01L, from Page 1

the fall, and why or why not. It also asked for comments and suggestions.

"On the whole, current 8.01 students like the idea of being given the chance to develop problem solving skills," said Margaret S. Enders, an associate dean in the Undergraduate Academic Affairs Office who helped organize the course.

'Not 8.01-slow'

Administrators and faculty involved with 8.01L emphasized that it is equivalent to the other forms of 8.01, and that students who have taken it will be as prepared for further work as other members of their class.

"We view the course as fully equivalent — it's not easier or more difficult, it just has a different ramp-up period," said Rappaport, who will teach a recitation section of 8.01L.

The course covers the same material as 8.01, and is offered to assure that "students really absorb and grapple with the material," said Lazarus.

"It's not 8.01-slow, just 8.01-different," Enders said.

Idea came from many places

The idea for 8.01L came "to some extent ... from the Institute colloquium" on teaching within a research university, Rappaport said. Several meetings with academic officers in other departments also contributed to the course's development, he said.

Results of the math diagnostic test administered to freshmen each fall also spurred the creation of 8.01L. Rappaport said examinations of these results indicated that students who did not do well on the test also did not do well in physics.

"More students are coming in less well-prepared, and as a result, more are failing, especially with the change from D-level passing to C-level passing. No one is happy about that," Enders said.

"Last year's combined D and F fail rate [in 8.01] was 18 percent, and it has been steadily heavier than in math or chemistry," said Travis R. Merritt, an associate dean in the UAAO.

Next year, students who perform poorly on the test may be advised to take 8.01L. "It will be done on a strictly voluntary basis through each advisor, who will review the entire situation and make a recommendation," Rappaport said.

"Some high school courses try to

cram everything into them, and sometimes the information is too compressed for anyone to understand, so we're trying to take a fresh look" at the material, Lazarus said.

'First semester's back porch'

The course is not likely to threaten the current structure of IAP, Merritt said. Extending the 8.01L idea to other parts of the core curriculum "could have serious ramifications in keeping students on campus for IAP. I would definitely think twice before extending this to the rest of the core and turning IAP into the first semester's back porch," he said. "I don't think it's in the cards."

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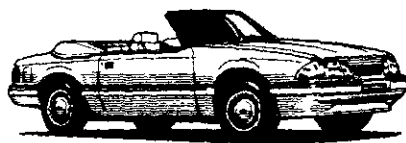
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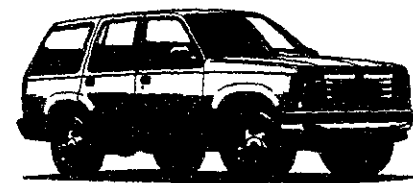
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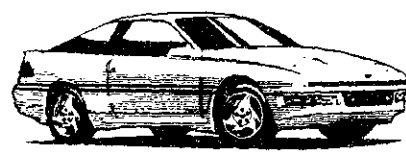
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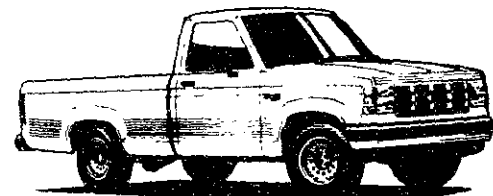
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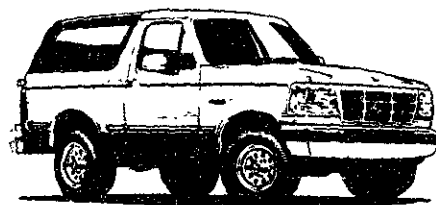
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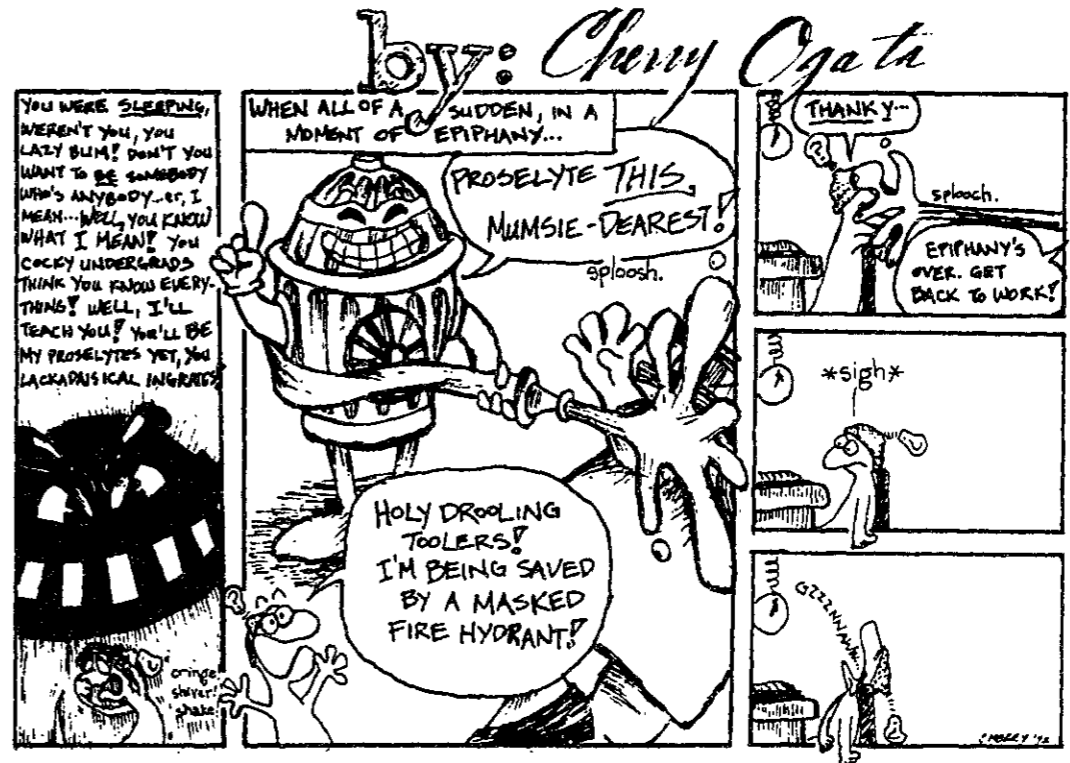
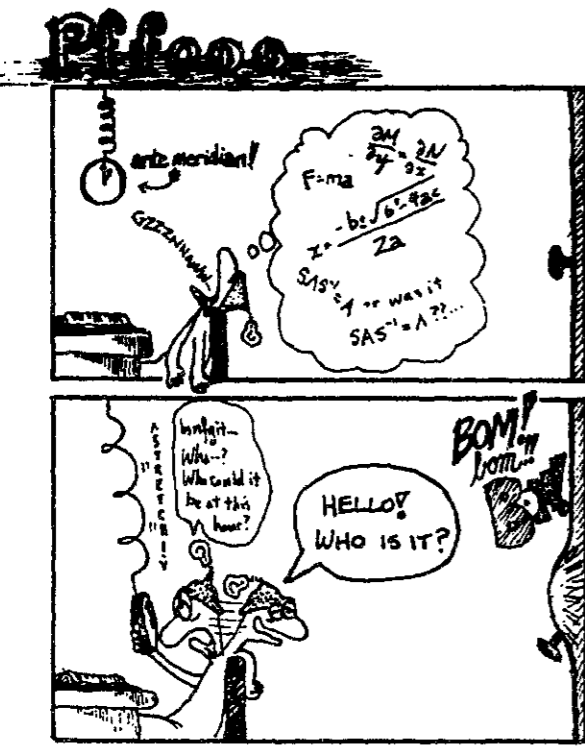
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**Solutions**  
Puzzle page 16

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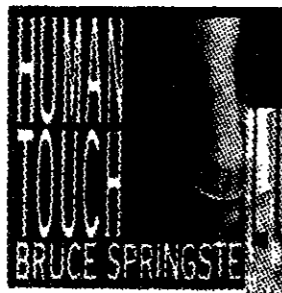
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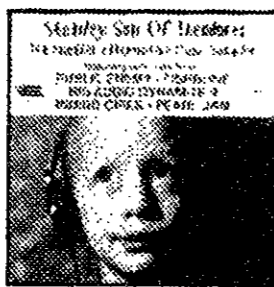


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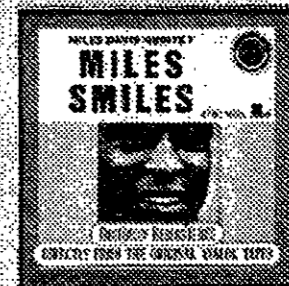


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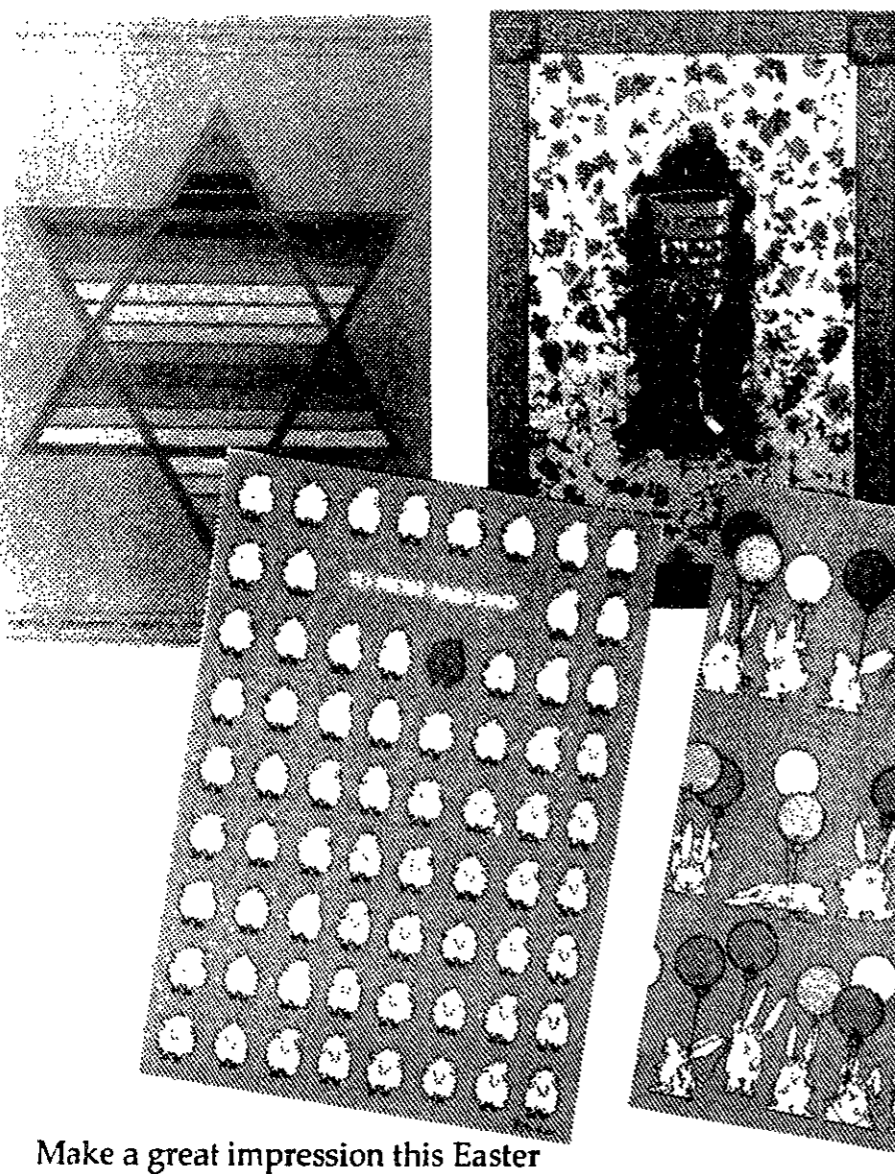


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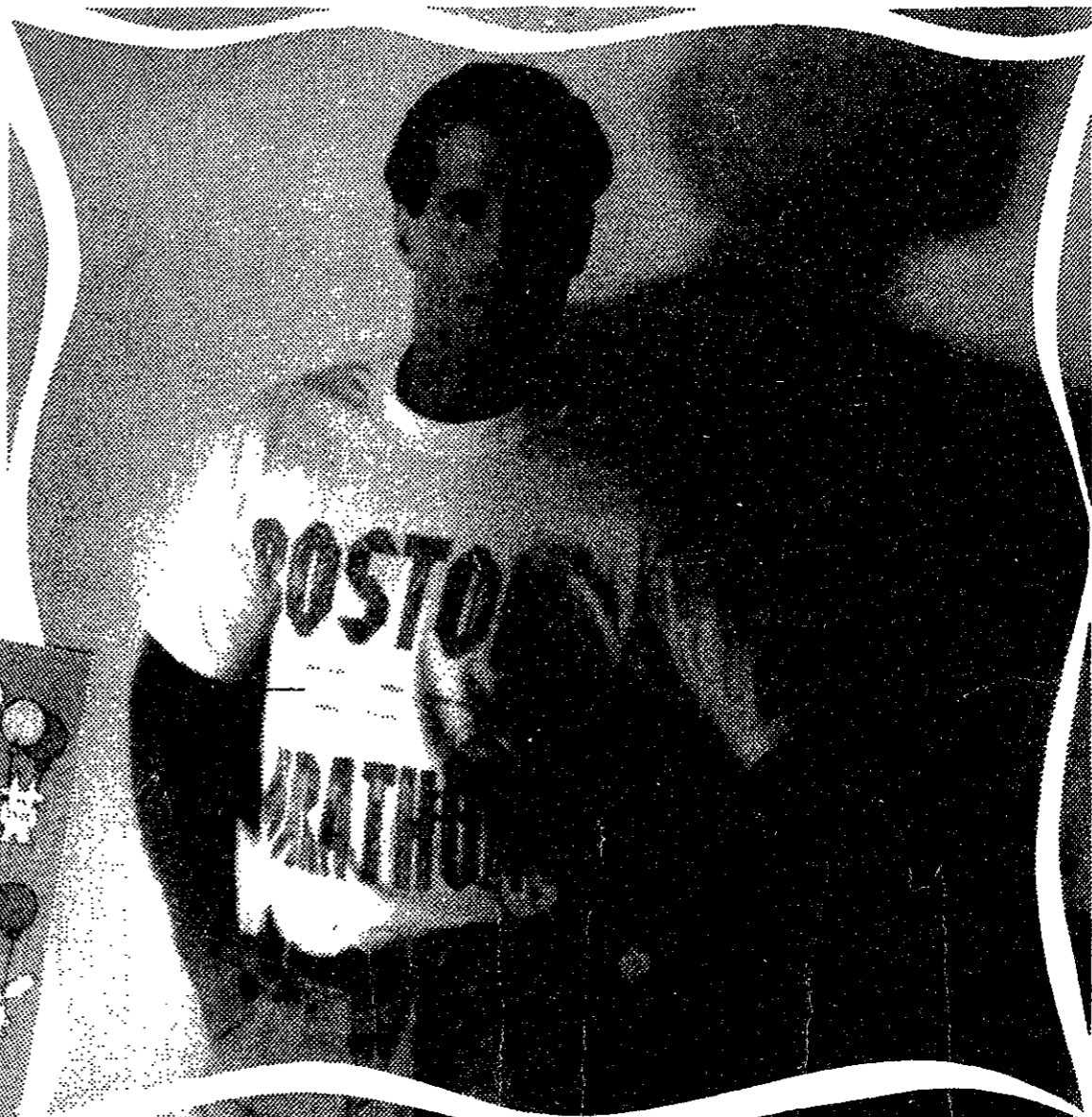


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Untitled - First Place



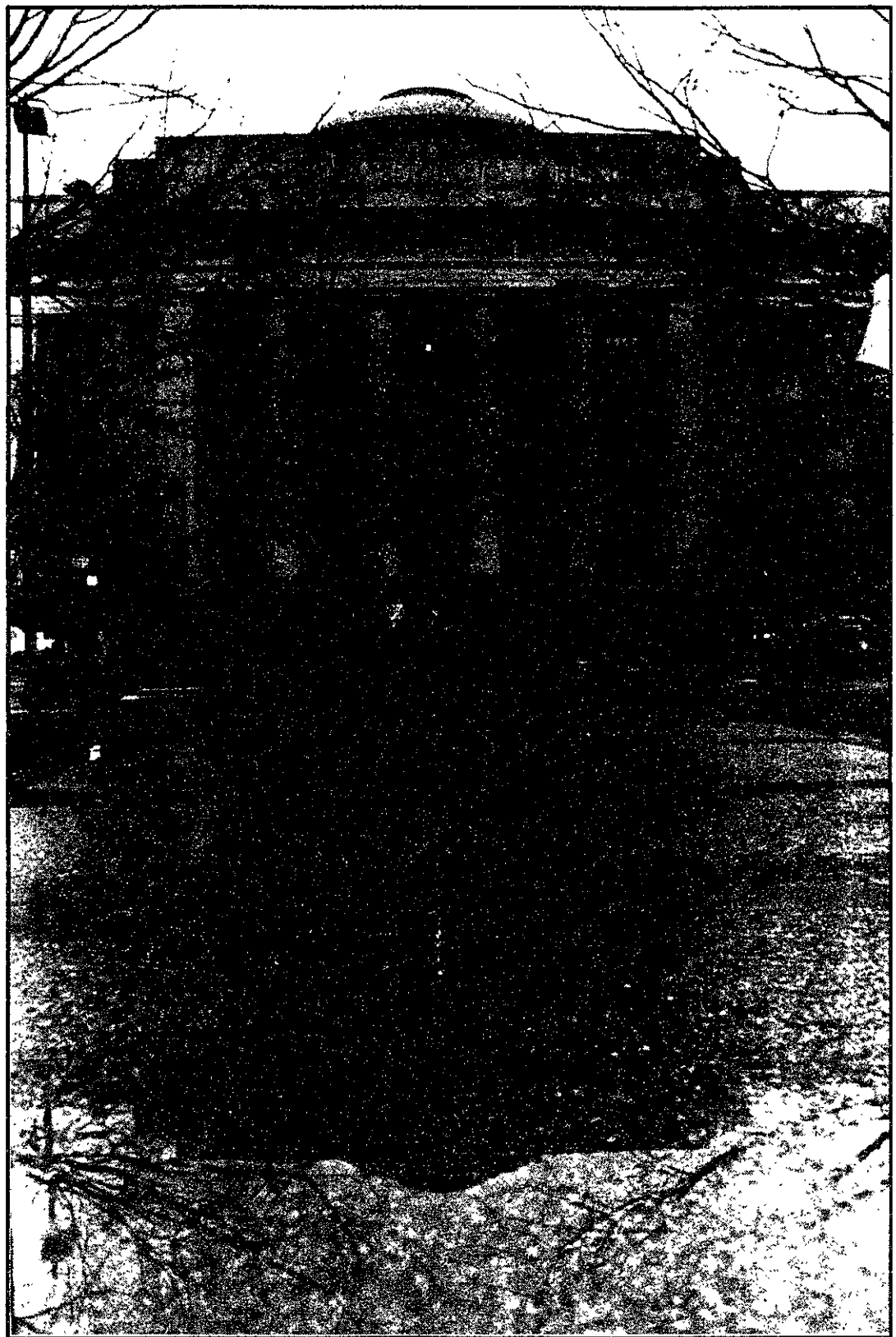
GREG ROGALSKI

Eva - Second Place



MATTHEW HERSCH

In It Together - Third Place



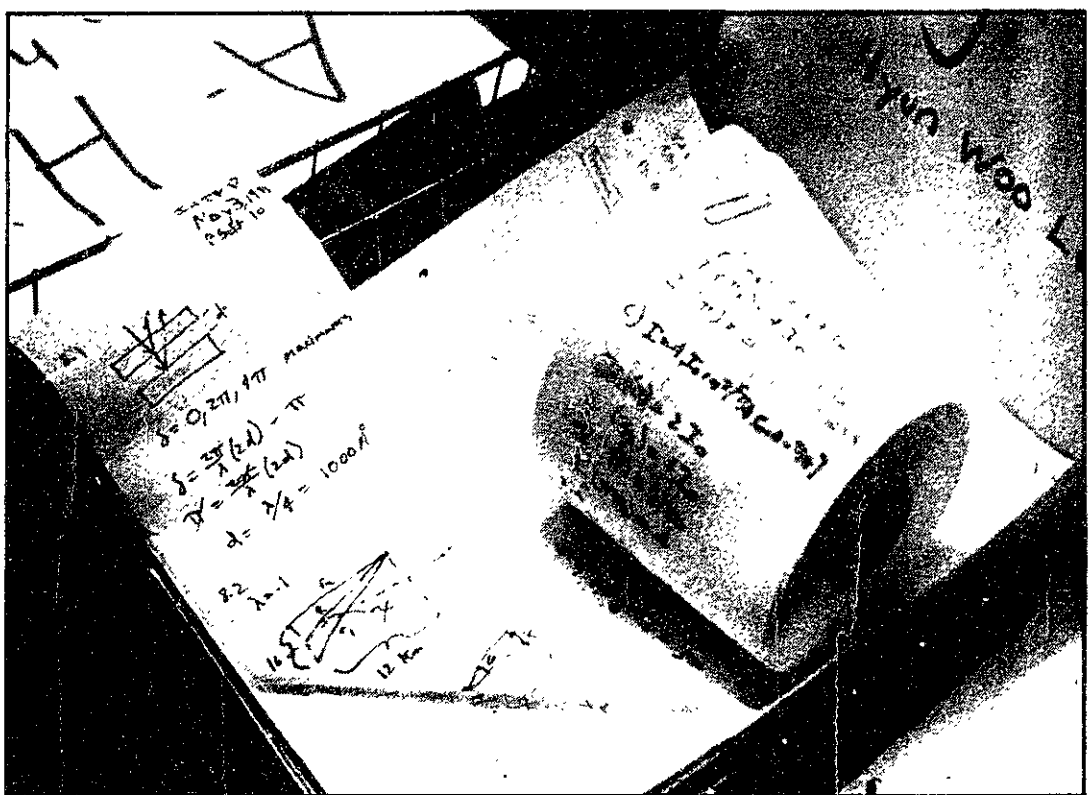
YUEH Z. LEE

Reflection on Lobby 7 - Honorable Mention



PATRICK GRIFFIN

Looking Up - Honorable Mention



MATTHEW BARNHART

IHTFP - Honorable Mention

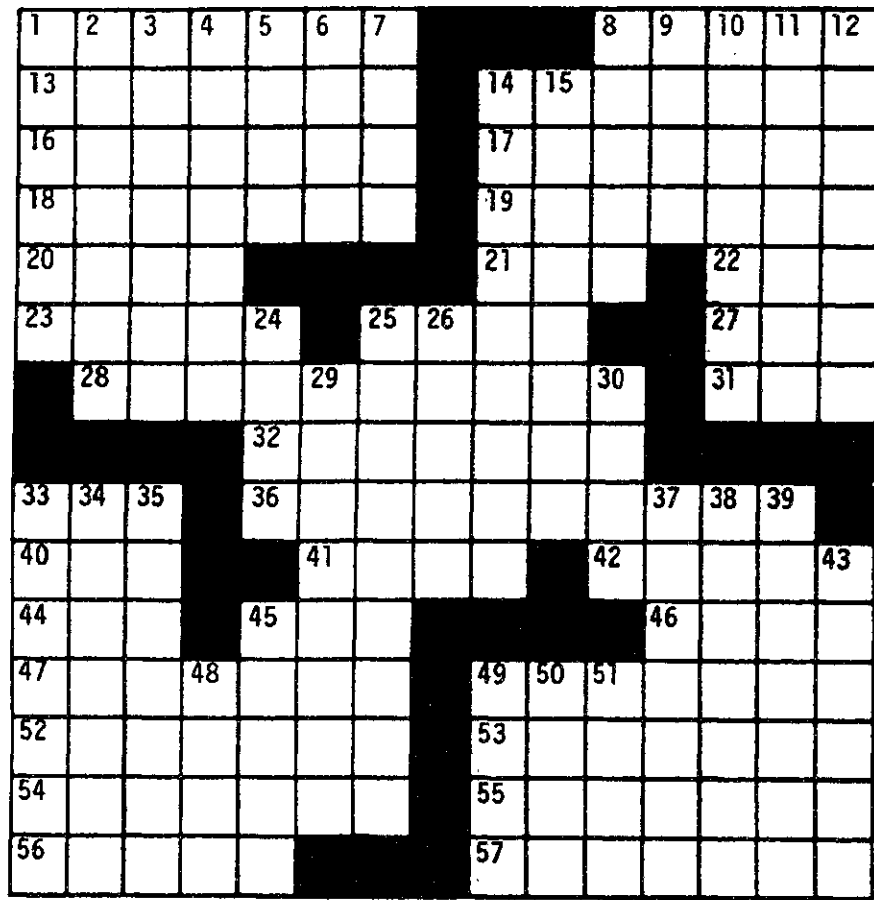


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The Sailing Pavillion - Honorable Mention

Honorable Mentions also go to Donald Cho, for "Newton"; Javier Segovia, "Untitled"; Stephen Hau, "Late Night Coffee Break (Self-Portrait)" and "MIT at Play: Steel Roast at Senior House"; Michael Su, "Acute Angles"; Benson Wen, "Dome Musings" and "Dynamic Dancing Duo"; and Greg Rogalski, "6.270."

# collegiate crossword



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- ACROSS**
- 1 Slangy children
  - 8 Mixes
  - 13 Bakery item
  - 14 Incrustations on old copper coins
  - 16 Oxygen-supplying apparatus
  - 17 Descendant of Esau
  - 18 Most like Jack Sprat's food
  - 19 Label
  - 20 Have — with (have connections)
  - 21 Mischievous child
  - 22 Suffix for mason
  - 23 Plant again
  - 25 Certain doctors, for short
  - 27 Swiss river
  - 28 Followers of Lions and Tigers
  - 31 Army officers (abbr.)
  - 32 San —, Texas
  - 33 College entrance exam
  - 36 Necessity for 7-Down
  - 40 —-Jongg
  - 41 Impudence
  - 42 More suitable
  - 44 Simian
  - 45 Likely
  - 46 Shoe part
  - 47 Class of ball-player
  - 49 Novelist — France
  - 52 Atom —
  - 53 Applied an ointment
  - 54 Rapidly-maturing plants
  - 55 Like some kitchens, in color
  - 56 Held back, as water
  - 57 Sounded a warning signal
- DOWN**
- 1 Having only magnitude
  - 2 Cashed a pawn, in chess
  - 3 Hoist
  - 4 Beginning of George Washington saying
  - 5 Part of i-prt (abbr.)
  - 6 Ring decisions
  - 7 Spanish painter
  - 8 Jazz dance
  - 9 Well-known magazine
  - 10 Monogram component
  - 11 Knocking sound
  - 12 Singer Pete, and family
  - 14 Confessors
  - 15 Tracy/Hepburn movie (2 wds.)
  - 24 Outer garment, as a fur
  - 25 Ones who impair
  - 26 Stiff-collared jackets
  - 29 Buying everything in sight (3 wds.)
  - 30 Short-billed rail
  - 33 Gathered together
  - 34 Town on southern tip of N.J. (2 wds)
  - 35 Toe —
  - 37 Albany, in relation to New York City
  - 38 Was atop (2 wds.)
  - 39 Greek
  - 43 Like a clarinet or oboe
  - 45 Sap-sucking insect
  - 48 — of Night
  - 49 Rental listings (abbr.)
  - 50 " — lay me..."
  - 51 Love, in Spain

Solutions page 13

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**3** And, if you're one of the first 20 people to sign up for trade-up for April 23, you'll get \$50 extra credit!

**4** Contact Ginny Williams at 258-9537 or <ginnyw@mit.edu> for more information or an appointment.

Next trade-up date:  
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Student Center Lobby

MIT Computer Connection, Student Center-Lower Level, Mon. 12-4:30, Tues.-Fri. 10-4:30, <mcc@mit.edu>, (617) 253-7686

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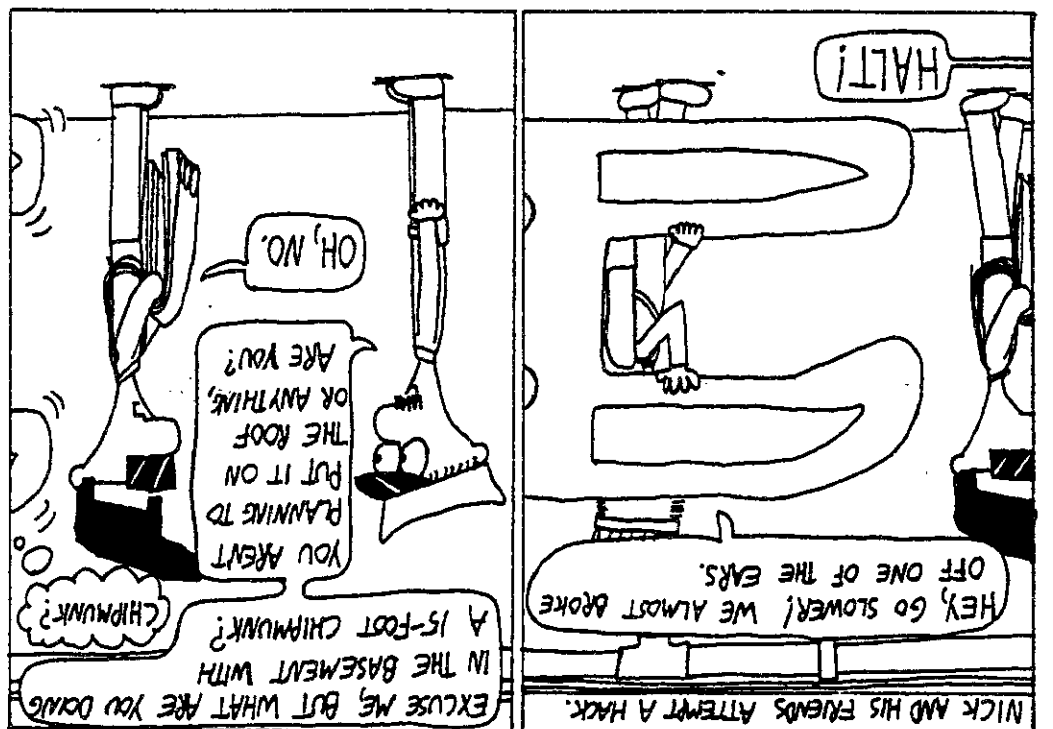
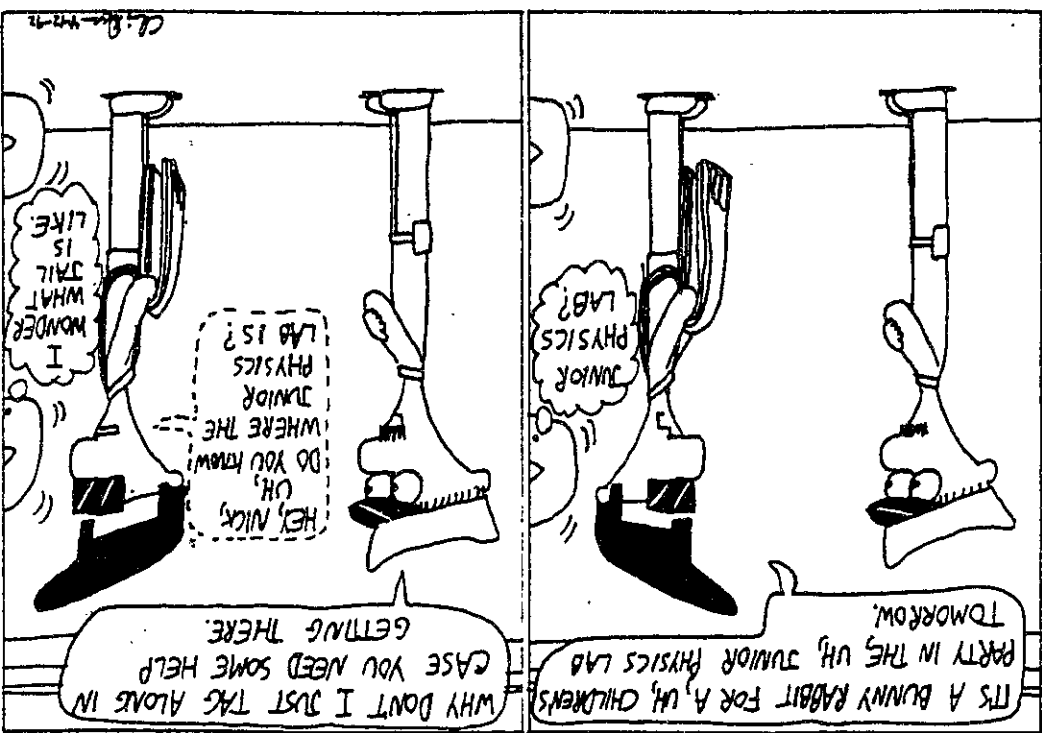
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NICK

By Chris Doerr



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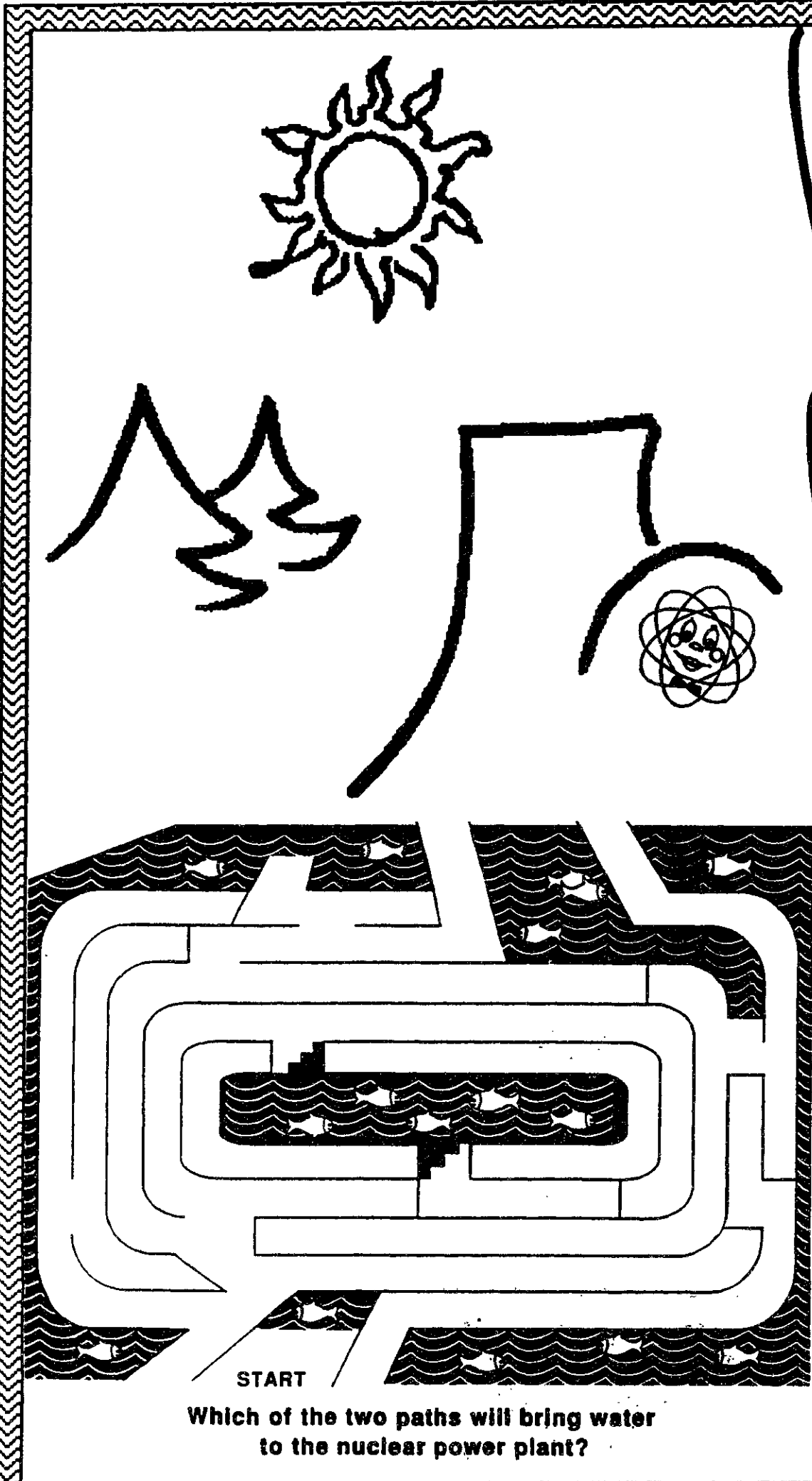
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# SPORTS

## Men's Track Sweeps Tri-Meet; Tops Bowdoin, Bates

By Kevin Knoedler  
TEAM MEMBER

BRUNSWICK, MAINE

The men's track team nearly doubled the score of its nearest competitor in the first outdoor meet of the season. MIT scored 95 points to host Bowdoin University's 57 and Bates College's 50.

MIT got off to a strong start with a win in the 4x100 meter relay (Jay Chiang '94, Dan Corcoran '94, Ed Patron '95, and Dan Rubenstein '92) with a time of 44.57. The strong showing continued in the steeplechase, where MIT had three scorers. David Moyle '94, Rob Casadonte '94, and Tarik Saleh '95 finished two-three-four with times of 10:34, 10:44, and 10:47. Ethan Crain '95 placed first in the 1,500 in a time of 4:14.6, followed by John Noland '95 with 4:16.3. David Brann '94 took fourth in 4:28.4.

In the field events, MIT swept the pole vault with Matt Robinson '94 winning the event at 14'6" and Scott Rixner '94 placing second with a vault of 11'6". In the javelin, David Frohman '95 placed third with a throw of 150'7". Amechi Nwachuku '95 placed third in the long jump with a leap of 19'23/4". Despite an extremely strong Bates throwing team, Rob Flemming '93 placed fourth in the hammer with a throw of 143'7", third in the shotput with a throw of 41'6", and third in the discus at 124'5". Nwachuku

took third in the triple jump with 40'9", followed by Andy Ugarof '95 at 40'8 1/4". Ugarof also did well in the high jump, placing second with a jump of 6'4". Tom Washington '92 matched this jump, also placing third, and James Kirtley '94 followed at 6'2".

Midway through the meet, MIT had built up a solid lead as good performances continued to come in. Starting these off was the victory of Dean Moon '92 in the 110 high hurdles with a time of 15.7. Placing second was Colin Page '95, also in 15.7. In the 800 meter run, Patron placed second with a time of 2:03.07, Andrew Romain '95 came in third at 2:04.01, and Noland came back from the 1,500 to place fourth in 2:05.37. Chiang had an excellent showing in the 100 meter dash with a personal best time of 11.63, placing him second, followed by Rubenstein at 11.67 in third.

At this point, MIT had a substantial lead, and victories in four of the five final events clinched it. The first of these came as Corcoran won the 400 meter dash in 51.78. Brad Geilfuss '94 took fourth at 52.87. The next victory was a 1-2-3 sweep in the 400 intermediate hurdles, led by Kevin Knoedler '94 at 57.85 followed by Chiang in 58.92 and Chip Goetzinger '95 at 59.54. In the 200 meter dash, Geilfuss won with a personal best of 23.07, Rubenstein took third in 23.65 and Elliott

Mason '94 was fourth at 24.02. In the last open event, the 5000 meter, Peter Ronco '92 took fourth in 16:07.45. The 4 x 400 meter relay team of Romain, Noland, Crain, and Knoedler took first in 3:33.45.

Many other members of the team did well, including Dave Winter '93, who ran 16:27.64 in the 500

meter, beating his previous best time by 40 seconds. Also in the 5,000 was Jesse Darley '95 with a time of 16:15.17. In his premier for the team, Steve Gomez '93 ran a 1:08 in the 400 meter intermediate hurdles. Craig Andera '94 did the grueling 400 meter dash in 56.16. Nathaniel Bogan '93 leaped 5'10"

in the high jump and 38'6" in the triple jump. Alan Cockern '95 put the shot 38', and Brad Bolivar '94 put it 33'9". Elliott Hui '94 leapt 40'53/4" in the triple jump. Eric Scott '93 ran the 110 meter high hurdles in 17.8. Finally, Tom Musson '92 threw the javelin 141'11".

## Women's Crew Edges Williams, Leaves Host WPI in Their Wake

By Amy Bowen

TEAM MEMBER

WORCESTER, MASS.

The women's crew raced Connecticut College, Williams College, and WPI Saturday at Worcester. The women raced very competitively in the chilly rain, sleet, and slight wind. Despite the illness of the stroke, the varsity eight had an intense race. Connecticut pulled ahead, winning the race in a time of 7:05.00. However, MIT hung in with Williams until the end, when they sprinted ahead to beat Williams by about a seat (7:18.25 and 7:19.70, respectively), leaving WPI (7:46.54) in the distance.

The junior varsity eight proved to be fierce competition for Williams, fighting them for second place all the way down the course. MIT took about half a boat length on Williams in the last 500 meters, finishing with a time of 7:41.97, 5.45 seconds ahead of Williams. Both crews owe a great deal to the motivating commands of their coxswains throughout the races.

The two novice women's crews also had a good race, coming in third and fourth behind Connecticut and Williams with times of 7:29.52 and 7:44.41, soundly beating WPI by almost 27 seconds. Both crews rowed well, and the first boat even recovered from a crab caught a little past the halfway point.

Although the women lost their

shirts to Connecticut this weekend, they are looking forward to racing them again at New England regionals on May 2 with a completely healthy crew and hopefully, warmer conditions. Next weekend the women will travel out to western Massachusetts to race Mount Holyoke and Simmons.

## Veterans Lift Women's Water Polo to 5-2

By Cheryl Ann Klepser

TEAM MEMBER

MIDDLETOWN, CONN.

Two weeks ago, the women's water polo team opened its season with a tournament at Wesleyan in Middletown, Conn. With a strong core of returning players, MIT won all their games, beating Princeton 15-0, Harvard 9-8, Brown 6-4, and Wesleyan 9-8.

Last weekend, the team traveled to Amherst, Mass. to participate in the Referees' Tournament, held at UMass-Amherst and Amherst College. MIT lost to Queens College, 10-9. MIT was much faster than Queens, but it was Queens' experience that won the game for them.

In the second game, MIT beat

UMass 10-6. Gretchen Martin '92 started MIT's offense with a goal from the hole, her first score from the hole set position. Maroula Bratakos '93, playing her first tournament as goalie, allowed only three goals during the first half.

MIT lost to Harvard 14-6 in the last game. MIT lacked aggression and just never got into the match.

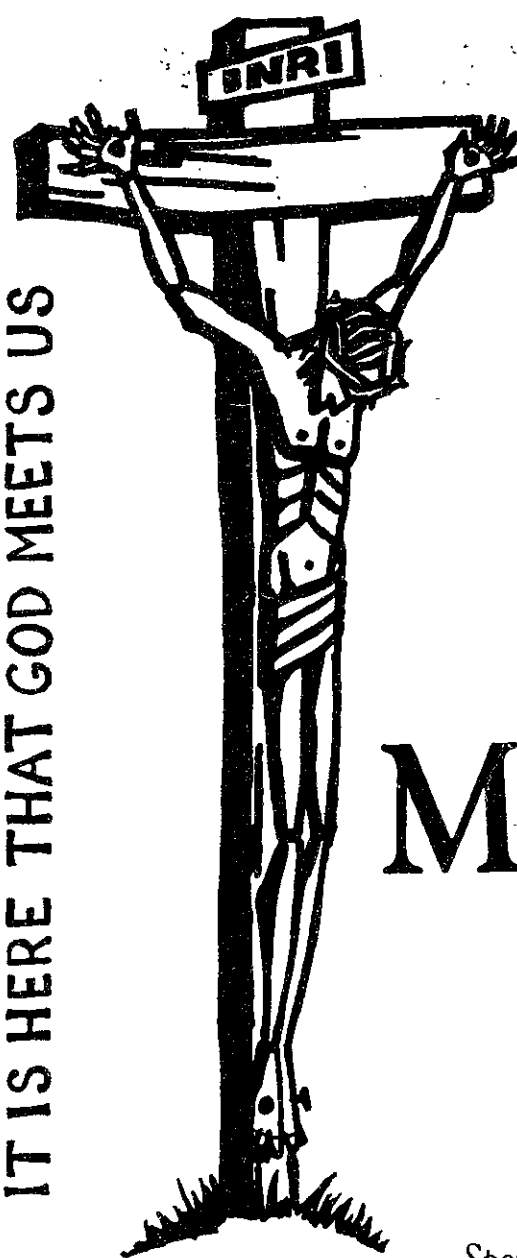
Yvonne Grierson G, Maureen Fahey G, and Janie Anderson G led MIT's offense over the weekend, scoring six, six, and four goals, respectively. Coaches Don Lasko G and Mike Vale G got a chance to play this weekend as members of the Metro Boston men's team, which also attended the tournament.

The MIT women are hosting a tournament on April 17 and 18.

The Tech Sports Hotline ...  
253-1541

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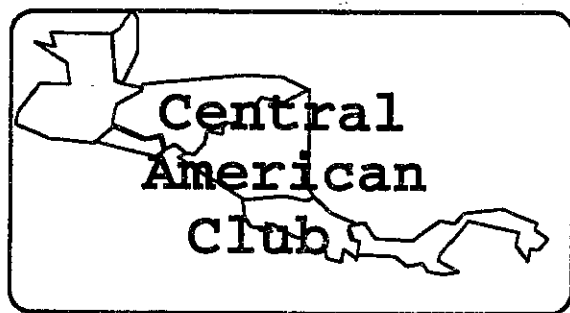


IT IS HERE THAT GOD MEETS US

APRIL 17  
12:00 Noon

## MIT Chapel

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**Juan J. Daboub PhD**

PRESIDENT OF THE INDUSTRY COMMITTEE  
CHAMBER OF COMMERCE AND INDUSTRY  
OF EL SALVADOR

**El Salvador,  
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Place: Massachusetts Institute of Technology  
Room 3-133 (Across from Project Athena)  
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Time: 5pm

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