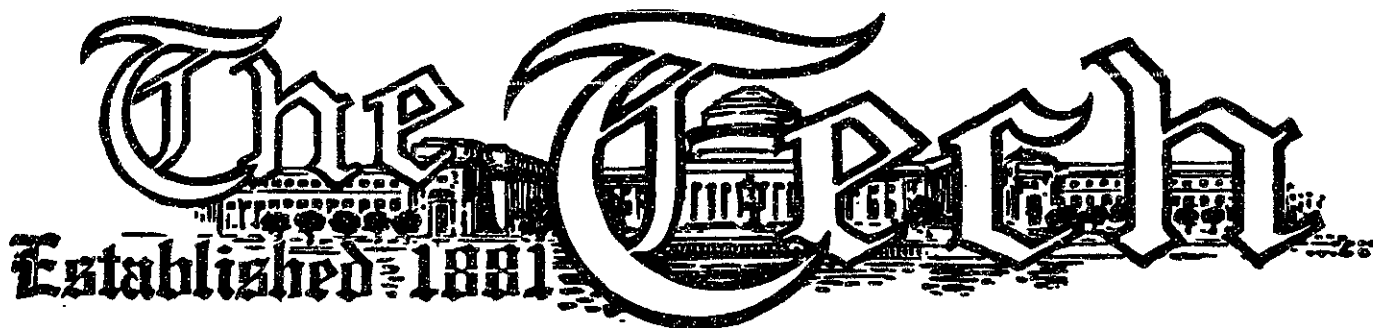


Drop Date Today!

MIT's
Oldest and Largest
Newspaper



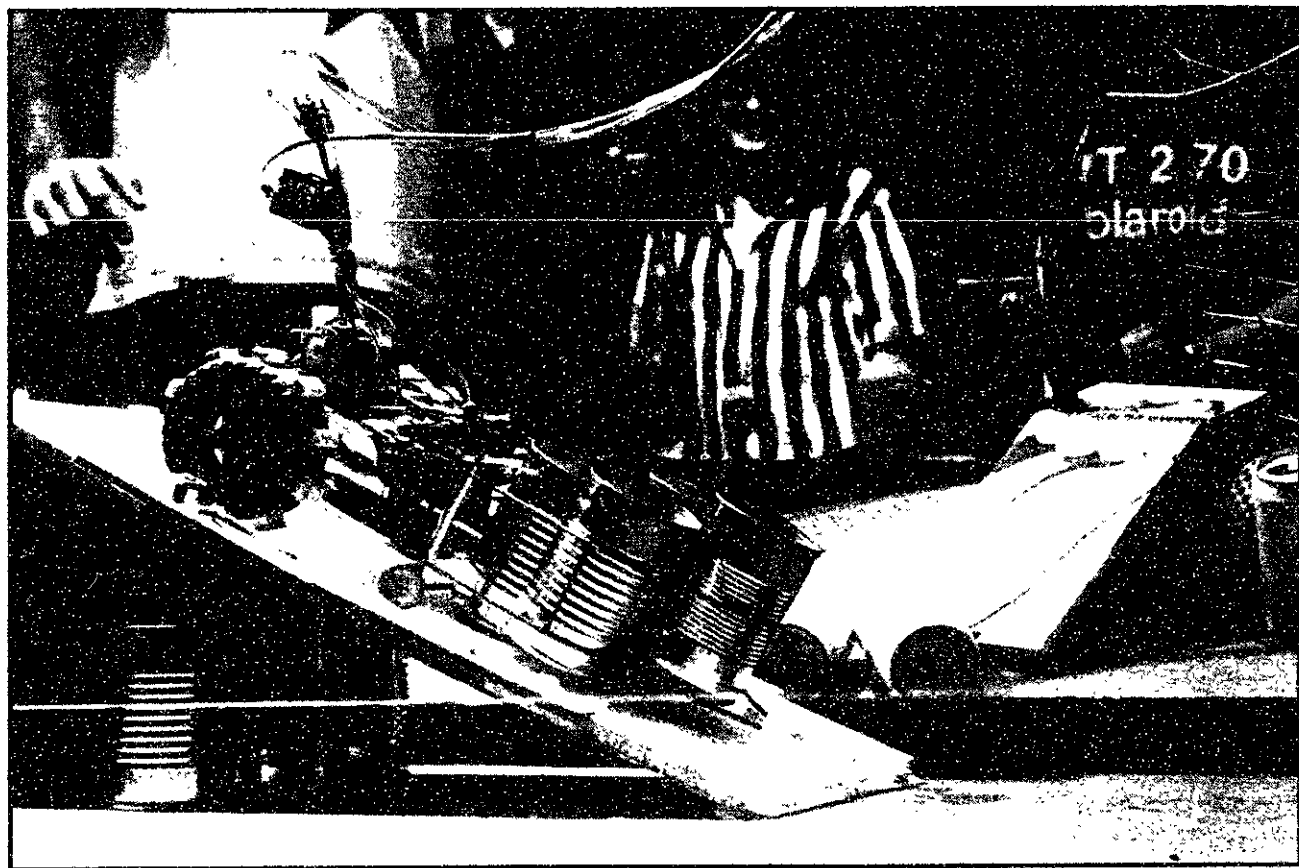
The Weather

Today: Cloudy, cool 56°F (13°C)
Tonight: Cloudy, cold 40°F (5°C)
Tomorrow: Sunny, breezy 68°F (20°C)
Details, Page 2

Volume 113, Number 23

Cambridge, Massachusetts 02139

Wednesday, April 23, 1993



In last night's 2.70 Design Competition, Donald L. Cho '95, the eventual winner, uses his machine to pull steel cans up a ramp towards his bin.

SARAH WHEELER—THE TECH

Tewhey Denies That He Harassed Nolan

By Josh Hartmann
PHOTOGRAPHY EDITOR

James R. Tewhey, the former associate dean for student affairs, denied harassment charges levelled against him by Katherine M. Nolan, associate director of student financial aid.

Tewhey, 44, resigned Tuesday amid charges and countercharges of harassment and office mismanagement. Earlier that day, his request for a restraining order against Nolan was turned down by a Cambridge District Court judge. Nolan's request for a similar order, lasting six months, was approved by a Newton District Court judge on April 16.

According to court papers, both Tewhey, who is married, and Nolan, 43, admitted to an 18-month relationship which ended in July 1992.

Each accused the other of harassment upon the conclusion of the relationship. On April 9, each obtained a temporary restraining order preventing contact from the other, pending a full hearing.

"Due to the existence of a court order against me, and to the hostile work environment created by harassment by a professional colleague, I felt my position was untenable," Tewhey said in a statement yesterday.

"I now know personally how damaging and dangerous harassment can be, and I never have and never would engage in activities that could be defined as harassment," Tewhey continued.

In his statement, Tewhey said that in March of 1992 he filed a for-

Tewhey, Page 13

Calendar Proposal Debated by Faculty

By Jeremy Hylton
EDITOR IN CHIEF

A handful of faculty members discussed a proposal to lengthen the academic calendar and start classes before Labor Day at Wednesday's faculty meeting.

The proposal, developed by the Institute Calendar Committee, was outlined by the committee's chairman, Professor Robert J. Silbey, head of the department of chemistry.

The proposed calendar would increase the number of teaching days in each term to 67 and lengthen Independent Activities Period to 19 class days. Under the new calendar, classes would start before Labor Day in three of the next seven years and effectively shorten the summer break by about two weeks.

The primary impetus for the calendar change was to provide more teaching days in each semester and to make the terms equally long, Silbey said. "One of the problems that confronted us was that the terms are not of equal length. This is something we felt caused some problems for teaching and education in general," he said.

Silbey formally moved the proposal, which may be voted on at the May 19 faculty meeting. Other faculty members may introduce their own calendar proposals before the meeting, but that could delay a vote of the calendar until September, according to Professor of Ocean Engineering J. Kim Vandiver, chair of the faculty.

Increases teaching days

Silbey and President Charles M. Vest each made introductory comments supporting the increase in teaching days. Both stressed that the current calendar provides substantially fewer teaching days than the calendars at most major research universities.

"What you see before you is the optimum proposal as they [the committee] saw it. I hope we can avoid

too much tinkering and microscopic changes," Vest said.

The longer teaching schedule also won support from Lester C. Thurow, dean of the Sloan School of Management. "I would like to support the idea of extra teaching time. You just don't get it done in 120 to 125 teaching days," he said.

Faculty criticism of the plan at the sparsely-attended meeting was focused primarily on three areas: the way IAP is used, increasing pace and pressure, and the shortened summer break. Undergraduate Association President-elect Hans C. Godfrey '93 and Graduate Student Council President Anand Mehta G also spoke out against the proposed changes.

"I feel concern about anything that increases the amount of time students are under the intense pressure they feel at this place," said Professor of Biology Graham C. Walker, a former housemaster at McCormick Hall.

Walker's concerns were echoed by Godfrey, who feels "that adding a week to each term will not benefit the students and will have a greater possibility of hurting them both financially and in terms of pace and pressure."

Would strain finances

Students discussing the proposal at last week's UA Council meeting also expressed concern about financial pressures. At that meeting, UAC member Jason J. Seid '96 estimated that undergraduate students would lose between \$700 and \$1000 of income because of the shorter summer.

According to Mehta, graduate students face many of the same financial concerns. He was concerned that "the attitude taken towards graduate students was not appropriate. Less than half the graduate students actually register during the summer for research or the-

Cho is 2.70 AlFePETE Victor

By Sarah Y. Kelghtley
NEWS EDITOR

You've undoubtedly seen them around the Institute, with white 2.70 Ford boxes on their shoulders or in their arms. For these students, last night was the culmination of long weeks spent designing and building a machine for this year's Introduction to Design (2.70) contest.

Before an energized crowd packed into 26-100, about 150 students competed in last night's final rounds of the annual 2.70 Design Competition.

After more than three hours of competition, Donald L. Cho '93 emerged as the winner of this year's contest. About three-fourths of the 200 students enrolled in 2.70 passed Wednesday's preliminary rounds to compete last night.

Cho, who is actually enrolled in the aeronautics and astronautics department, was awarded a trophy made of cans and topped with a

beaver. Though most students in the class are sophomores majoring in mechanical engineering, Cho took the class "just for the fun of it."

The student's machines were built entirely out of parts supplied in kits handed out in class. The final machines needed to weigh less than 4 kilograms and had to fit in a 300 cubic millimeter space.

Project AlFePETE

The aim of this year's contest was for the remote-controlled machines to collect "trash" spaced around the playing field and place the items in their own bins for points. The trash consisted of aluminum cans worth two points, plastic bottles worth three points, and steel cans worth five points. The power for the machines was supplied by gear motors and pneumatic actuators for auxiliary power to control ramps and arms. Each round lasted 30 seconds.

This year's project was named AlFePETE, in reference to the aluminum cans, steel cans, and plastic bottles that the machines needed to collect.

The contest was played on a flat U-shaped table, with bins placed at the tips of the U. Each machine started in front of its bin. The top of the field was flat, and it gently slanted to the bottom, which was also flat. There were seven plastic bottles along the top, several aluminum cans on the slope, and steel cans on the bottom.

In the event of a tie, players whose trash consisted of the most of one type would win, but this was never a determining factor in last night's contest. If both machines had the same number and type of trash, the machine that was closest to the starting area won the round. This rule was used to decide several

2.70, Page 12



JOSH HARTMANN—THE TECH

Cosmas N'Deti of Kenya (left) casts a glance back at the competitors he left in the dust in the Boston Marathon as he approaches the finish line to take the honors as this year's victor. Jim Knaub (above) pumps his way to the finish line, winning the wheelchair competition.

Calendar, Page 9

WORLD & NATION

Despite Voter Doubts, Russian Economy Appears to Stabilize

LOS ANGELES TIMES

MOSCOW

As he campaigns for a vote of confidence in Sunday's referendum, President Boris N. Yeltsin sounds at times like George Bush last fall — an embattled leader bearing tidings of economic revival to disbelieving voters.

Russia's economic free fall is over, Yeltsin keeps proclaiming. Inflation is down.

That message has drawn derisive laughter from an audience of rich industrialists and skeptical grunts from the elderly poor, who keep asking Russia's leader to explain how they're supposed to live on the minimum pension of less than \$8 a month.

In fact, the economy does show signs of stabilizing after a long, chaotic decline. But the fragile process is invisible to most voters, and it appears to be threatened by political turmoil over Yeltsin's free-market reforms that the referendum is unlikely to resolve, whether the president wins or not.

Under "shock therapy" reforms launched in January 1992, Yeltsin's government wrenched Russia from seven decades of Communist central planning. It freed prices for most goods, filled shops and small commercial kiosks with imported consumer items and put more than 6,000 state-owned enterprises up for sale.

Yeltsin's conservative rivals in Parliament say the reforms have destroyed Russia's industrial base. While millions of Russians have become small-scale entrepreneurs, tens of millions of others, about one third of the population, have fallen below the official poverty line of 8,500 rubles (\$10.90) per month in an era of growing uncertainty, rampant crime and high inflation.

Ozone Layer Reported To Plummet to New Lows

LOS ANGELES TIMES

In yet another ominous portent for the ozone layer, government scientists report Friday that the stratospheric shield that protects life from harmful ultraviolet radiation has plummeted to new, unexpected lows over the Northern Hemisphere, including the United States.

The researchers, who reported their findings in Friday's issue of Science, said the 1991 eruption of Mount Pinatubo in the Philippines released tiny particles or aerosols that may have interacted with industry-produced gases to speed the ozone layer's destruction. The eruption also may have triggered changes in high-altitude winds that accelerated the loss.

The losses, which are expected to persist into summer, include an average drop of 12 percent in ozone over the mid-latitudes where most Americans, Canadians and Europeans live and a dip of 15 percent over the West Coast, including California. Stratospheric ozone is down by as much as 20 percent over Northern Canada, Greenland, Norway, parts of Alaska and Siberia, the scientists reported.

Scientists had expected ozone levels to plunge during the months following Mount Pinatubo's eruption but believed the volcano's effects would have largely subsided by now.

Instead, the loss of ozone immediately following the eruption was largely limited to areas near the equator, and the most dramatic effects are occurring now.

"That is what really astonished everybody," said Paul Newman, an atmospheric physicist at NASA's Goddard Space Flight Center in Maryland and a co-author of the report.

The scientists' findings are based on an analysis of ozone measurements from the Total Ozone Mapping Spectrometer — TOMS — on board NASA's Nimbus-7 satellite, which was launched in late 1978. The results were confirmed by other space-based measuring instruments.

Newman said the loss over the United States and other mid-latitude countries could cause about a 16 percent increase in harmful ultraviolet radiation this summer, reducing the amount of time it takes for skin to burn in the sun.

WEATHER

March to May

Forecast by Marek Zebrowski

STAFF METEOROLOGIST

As a cold and rainy surface low slowly moves over our area on Friday, expect a temporary relapse in the glorious spring weather of the past few days. Fortunately, the unsettled regime is expected to move out for a pleasant (if windy) Saturday.

Sunday's weather will be determined by a warm front, associated with a low pressure over the Great Lakes area. Clouds and showers are therefore a possibility, and the current indications point to unsettled and progressively cooler conditions to return and remain for the first part of next week.

Today: Cloudy and cool with some rain through early afternoon. After a chilly morning, the highs are expected to reach 56 °F (13 °C). Clouds may begin to break late in the day, accompanied by gusty northeasterly winds that will gradually shift to northwest and continue at 15-30 mph (24-48 kmh).

Tonight: Cloudy to partly cloudy and quite cold with lows around 40 °F (5 °C) in the city; 30s (1-4 °C) in the northern and western suburbs. At 15-25mph (24-40 kmh) the northwesterly winds may bring back memories of the windchill index!

Tomorrow: Partly to mostly sunny, breezy and milder with an afternoon high of about 68 °F (20 °C).

Tomorrow night: Increasing high clouds, not so windy with the seasonably mild low around 50 °F (10 °C).

Sunday: Some clouds, chance of showers with temperate highs in the low 60s (16-18 °C).

Clinton Package May Reemerge With a New Name: Jobs Bill

By Karen Hosler
THE BALTIMORE SUN

WASHINGTON

Out of the ruins of President Clinton's economic stimulus package may soon emerge a slimmed-down spending package with a new name: the jobs bill.

Officials said Thursday the new legislation, which may be introduced next week, would consist almost exclusively of jobs-creating items. An exception could be one of first lady Hillary Clinton's top priorities: \$300 million for child immunization.

Also likely to be included would be the \$1 billion summer jobs program President Clinton asked for and \$150 million for Small Business Administration loans, congressional aides said.

No final decisions on the proposal have been made yet, the aides said, making it impossible to know how much of the original \$16.3 billion stimulus package the administration might try to revive. Senate Republicans effectively killed the stimulus plan Wednesday, dealing Clinton the first major legislative defeat of his presidency.

Thus far, the only piece of the stimulus plan to win congressional approval was \$4 billion to extend unemployment benefits. That measure was sent to Clinton for his signature Thursday after the House

passed it, 301-114.

"We're going to be consulting with congressional leaders right now and over the next few days and try to figure out the best way to get the president's initiatives passed," White House spokesman George Stephanopoulos said Thursday.

The stimulus sequel might include some of the \$3.2 billion the

House Speaker Thomas S. Foley of Washington said he was confident, however, that parts of the plan would be enacted in other forms, "such as summer jobs, and child immunization and other aspects of the program, including, I hope, a broadened jobs program."

Before such a proposal is offered, the White House is likely to

"We're going to be consulting with congressional leaders right now and over the next few days and try to figure out the best way to get the president's initiatives passed."

—George Stephanopoulos
White House Spokesman

president wants to release from the highway trust fund to finance road and bridge construction. Administration officials also listed wastewater and community development projects and money for mass transit as elements of a second spending bill.

But Senate Appropriations committee chairman Robert C. Byrd said he was dubious about any attempt to try to revive the ill-fated stimulus package.

"We made our effort and the effort was killed by a filibuster," the West Virginia Democrat said.

make sure that at least a few GOP Senate moderates would be willing to vote for it.

Meanwhile, administration officials confirmed that Clinton is thinking about withdrawing the \$15 billion package of investment tax credits he had hoped would stimulate the creation of new jobs in private industry.

The proposal had already appeared doomed by the opposition of key Democratic leaders, who said they were not convinced that the tax credit program would achieve the desired results.

Cult Survivors Tell Tales of Chaos; Blame Deadly Fire on FBI Assault

By David Firestone
NEWSDAY

WACO, TEXAS

In a dramatic rebuttal to the government's charges of mass suicide and murder, survivors of Monday's catastrophic fire at the Branch Davidian compound have described scenes of terror and hysteria as the flames spread and insist that the blaze was a direct result of the FBI assault.

Tanks slamming into the cult building to spray tear gas crushed a propane tank and knocked over lanterns, sending open flames onto hay bales being used as insulation, according to attorneys for six of the nine survivors. Survivors say the fire caused pandemonium as infants screamed and adults raced fruitlessly to find exits through the thick black smoke.

Many of those who survived remain loyal to cult leader David Koresh, and their account may be suspect for that reason. They may also be preparing their defense against possible federal prosecution for their roles inside the compound. But attorneys who have gathered detailed statements from the cult members say the accounts are consistent and, in their opinion, credible.

"Based on their body language and their demeanor, I believe as a defense attorney that they are being truthful," said Jack Zimmermann, a Houston attorney who conducted a lengthy interview Wednesday with four of the survivors now being held as material witnesses. Attorneys for two other members have given similar accounts.

The survivors described a group of 86 people who believed they were on the verge of surrendering this week after Koresh completed a planned manuscript on the Book of Revelation. Although the FBI says the manuscript promise was a stalling tactic and a sham, surviving cult member Jaime Castillo told attorney Jeff Kearney that Koresh had been working on it night and day and would have finished it this

week.

"They were looking forward to coming out," Kearney said. "They knew they would be taken into custody, but they were sick of the standoff and were ready for it to be over."

Zimmermann, formerly attorney for Koresh's deputy, Steve Schneider, who did not survive the fire, said cult members were shocked

one started the fire, they didn't see anyone start a fire, they didn't hear anyone start a fire, they didn't smell lantern fuel being expelled like the FBI says," Zimmermann said Thursday.

The flames began because the house and its foundation were shaken so violently by the tanks that several lit Coleman lanterns — used by the cult after its electricity had been

"It was a matter of less than a minute, and the heat was so intense they had to get out,"

—Attorney Jack Zimmermann

when the tank attack began early Monday because they had believed the bureau's promises not to begin an assault. He noted that the FBI had given Koresh a typewriter ribbon for his manuscript the night before.

The group remained calm as the tanks sprayed tear gas throughout the compound, Zimmermann said. Much of the gas quickly dissipated because of high winds swirling through the holes the tanks had punched in the walls, he said. But the members still donned gas masks in an orderly fashion and moved to the interior of the compound where the gas was less intense, he said.

"They were more afraid of the ramming than they were of the gas," said Zimmermann, who is not representing any of the survivors. "People moved away from the front of the house being destroyed, and moved into the interior rooms, which is probably what caused them to be killed. Because when the fire broke out they were trapped, and the only people who survived were those near windows that were not aflame."

Koresh was last seen by the survivors checking on members' gas masks and walking calmly through a second-floor hallway as the assault continued, Zimmermann said. He said they maintain Koresh had no role in the fire's ignition.

"There was no plan for a fire, no

cut off — were tossed onto bales of hay being used to keep the cold air from coming in shot-out windows, he said.

Although the survivors were in different parts of the house when the fire began, he said, they were consistent in attributing the flames to the action of the tanks.

In one case, a propane gas tank used for cooking was jostled and crushed by a tank pushing through the building's entrance, Zimmermann said, and a lantern was seen falling nearby. He said none of the survivors actually observed a lantern igniting gas or hay.

"It was a matter of less than a minute, and the heat was so intense they had to get out," Zimmermann said. "They heard people and children screaming and crying; they were trapped, they couldn't get out ... There was nothing but big black clouds of smoke that disoriented everybody. A lot of them couldn't see anyway because they had gas masks on."

Zimmermann and Kearney said the survivors did not know what happened to the children, but they denied reports emerging from Washington that some of the bodies have been found with gunshot wounds, indicating that some may have been shot before the fire.

They also denied reports that Koresh had built a bomb to kill federal agents.

Yeltsin Betting Russians Will Stick With Painful Reforms

By Carey Goldberg
LOS ANGELES TIMES

MOSCOW

They feel impoverished, deceived. They don't like the way Russia's reforms are turning out. They have little hope for the near future. But they don't want to go back to the old Communist order.

This, pollsters say, is the Russian electorate — the people who cast their ballots Sunday in a climactic referendum that will decide President Boris N. Yeltsin's political fate.

In a gamble that could force his resignation, Yeltsin is betting that he knows these people well enough to put his future in their hands. In the end, he is wagering, they will support their embattled leader, they will opt to push forward with reforms no matter how painful.

The acid test is the referendum, four questions meant to resolve a paralyzing conflict at the pinnacle of Russian politics. As nearly as he can, Yeltsin is asking Russian voters to choose between him and his nemesis, the more conservative Congress of People's Deputies that he contends is blocking Russia's transition to capitalism.

Along with promising some political peace, the referendum gives the Russian public its first post-Communism chance to formally voice its opinion after 16 months of excruciating economic reform. When they pronounce judgment on

Yeltsin, Russians will also be determining their country's future course — continued radical change or a retreat to slower measures.

Some of the latest polls show that Yeltsin could manage to win the 50 percent backing of voters that he needs on the main question whether the people trust him.

The second question, whether they support his economic reforms, is far more iffy.

But pollsters said that question will carry little weight anyway because it is improper by its nature. "You shouldn't ask a person whether he likes the doctor who's cutting off his arm," observed pollster Grigory Pashkov. "He's doing something necessary and you don't have to like it."

On the last two questions — whether people want early presidential or parliamentary elections — pollsters see public opinion as overwhelmingly in favor of elections for the widely despised Parliament and mixed on the president.

When it comes to a direct contest between Yeltsin and the conservative Parliament, Yeltsin always wins, said pollster Masha Volkstein, who noted: "Yeltsin's rating has gone up because the Congress is so nasty. It's a natural Russian response. The more they pound on Yeltsin, the more people defend him."

Yeltsin's overall approval rating appeared to be hovering around 60

percent last week, according to various polls. That level of support shows just what an amazing electorate this is, especially compared with American voters, who dumped President Bush largely because the economy drifted downward during his term.

Here, many prices have increased by 150 times — not 150 percent but 150 times — since Yeltsin took office. According to pollster Nugzar Betaneli, of more than 1,000 Muscovites polled by his Institute of Parliamentary Sociology, about 35 percent say economic conditions are unbearable, while a steady 50 percent say things are tough but just about bearable. Another 7 percent or so say they are doing all right and only 2 percent-3 percent say they are doing well.

Deputy Prime Minister Andrei Fyodorov said last week that 15 million people, from kiosk owners to factory shareholders, had benefited from Russia's reforms — impressive, but only one-tenth of the population.

About 70 percent say they are "constantly dissatisfied" with their lives. What they want most is some economic relief, the chance to get through this painful transition and get a shot at "normal life."

"On the one hand, everyone is dissatisfied with everything," Betaneli wrote recently in the daily Izvestia.

Clinton to Unveil Campaign Reform Package Before 100 Day Mark

By Paul Richter and Sara Fritz
LOS ANGELES TIMES

WASHINGTON

Eager to move beyond the debacle of his economic stimulus package, President Clinton next week will unveil a campaign finance reform package that would ban contributions from lobbyists to any candidate for federal office, the Los Angeles Times has learned.

The proposal would also virtually eliminate the so-called "soft money" contributions that are supposed to underwrite grass-roots party activities, but often circumvent the intent of campaign finance laws by benefiting national candidates, according to knowledgeable sources. Both these proposals would likely create a great deal of uneasiness in Congress, where members of both parties will appreciate the plan's voter-appeal but fear the financial sacrifice it will entail.

The campaign finance proposal will be made public next week along with long-awaited details of Clinton's program for a national service program, which will offer young people a chance to work for the country while reducing their college tuition costs.

Locked in a conspicuous losing streak, Clinton is hoping through these announcements to regain some momentum and to beef up his early record for next week's reviews of his first 100 days.

Both were campaign proposals with substantial voter appeal, and last year Clinton hit them hard from the stump. Indeed, if he backs down on campaign finance reform, his 100-day reviews are likely to accuse him again of abandoning key campaign pledges.

Administration officials hope the campaign proposal will win Clinton glowing reviews with campaign-finance advocates by showing he will risk alienating Congress when he will soon need their votes for his economic and health care programs. And, no less, the White House hopes the proposal will score big with another group: The 19 million

Ross Perot voters, whose candidate continues to call for curbs on lobbyist and "soft money."

Currently, special interest lobbyists — like all other individuals — may contribute up to \$25,000 per year directly to a candidate, and unlimited sums to political parties. Many contribute to the maximum, and thus provide candidates one of their principal sources of campaign

ration, who are not considered to be lobbyists even though they may be seeking favors from the government.

The proposal also calls for lifting the limit on individual contributions to candidates from the current \$25,000 to \$60,000 per election cycle. Within the \$60,000 maximum there would be sub-category limits. Voters could contribute up to one

"I don't think the timing hurts. Everybody is ready to get on with the business that the president was elected to handle."

—Press Secretary Dee Dee Meyers

funds.

Dee Dee Myers, Clinton's press secretary, Thursday night declined to comment on the campaign finance proposal, saying it is not yet completed. She denied that the two proposals were being prepared to draw attention away from Clinton's first major legislative defeat, noting that Clinton had promised the plans within his first 100 days.

But she added that the unveiling "certainly will have that effect ... I don't think the timing hurts. Everybody is ready to get on with the business that the president was elected to handle."

It remains unclear how the administration intends to define lobbyists, and that may be a key provision of the proposal. But eliminating their contributions would by no means eliminate special interest money and influence in elections.

Political action committees could continue to operate under Clinton's plan. Indeed, by cutting lobbyists out of the picture, the proposal guarantees that Congress may never take the much debated step of eliminating PACs entirely, for fear of cutting off too much of their sources of campaign funds.

Furthermore, the proposal would do nothing to curb the massive amounts of money that pour into campaign coffers from executives and employees of big corpo-

specified amount for candidates; up to another for political parties, and a third for grass-roots activities, such as voter registration and get-out-the-vote drives.

Structuring the proposal in this way is intended to head off criticism that "soft" money reforms would could prevent legitimate political purposes.

The proposals would presumably hurt Democrats more than Republicans, since lobbyists give most to incumbents and there are far more Democrats than Republicans in Congress. The soft money proposal would have a marked effect on the Democratic National Committee, which now employs about 160 and pays 40 percent of their salaries from soft money.

Rep. Bill Thomas, R-Calif., who is closely involved with campaign finance as the ranking Republican on the House Administration committee, said Clinton's timing in releasing the proposal looked "a little suspicious."

He said the White House might be planning to offer a package that looks good and wins him credit for toughness, but would be defeated in Congress.

"Then they could say 'we tried' and the Republicans would get the blame," said Thomas. And Democrats in Congress would keep their funding sources, he added.

Huge Number of Gay Activists Expected for Washington March

LOS ANGELES TIMES

WASHINGTON

Gay activists began lobbying Congress and gay veterans fought the American Legion over a wreath-laying at Arlington National Cemetery Thursday as participants in Sunday's march for gay rights flowed into the capital, filling hotel rooms as far as 100 miles away.

March organizers predict that more than 1 million people will join in the demonstration, urging action on a range of gay and lesbian issues, including legal protection against discrimination and an end to the military's ban on homosexuals.

Although organizers insist that politicians friendly to the gay cause have not intentionally headed out of town for the weekend, the list of those scheduled to participate in the march and rally is rather short.

As activists launched a lobbying campaign, Rep. Henry A. Waxman, D-Calif., chairman of a House subcommittee on AIDS research and other health issues, received so many requests for meetings that he scheduled a single session with about 100 people Friday.

passed it, 301-114.

U.Va. Votes to Bar Sex With Students

THE WASHINGTON POST

CHARLOTTESVILLE, VA.

University of Virginia faculty members who engage in sexual relations with students attending their classes could be dismissed under a policy adopted Thursday evening by the school's Faculty Senate.

The policy, which applies to teachers and any other school employees who oversee students, will be forwarded for review to university president John T. Casteen III.

If the proposal receives final approval, Virginia will join a growing number of universities nationwide and in Virginia that have imposed or are considering similar policies in an effort to discourage relationships between professors and students.

Some students said afterward that they supported the resolution. "This will hopefully make faculty members think before approaching amorously a student," said Sarah Alexander, 24, a second-year student from Reston, Va.

The final proposal also met the approval of the university's Committee on Women's Concerns, which had drafted a more restrictive version that would have banned all sexual relationships, including consensual ones, between undergraduate students and faculty, including teaching assistants.

But Ann J. Lane, the school's director of women's studies and one of the backers of the stricter ban, said the compromise was strong enough because it could be broadly interpreted to cover relationships between most faculty members and students.

"It's now on the agenda. This has become a national debate on what professional responsibility is," Lane said.

The adopted policy says that teachers, supervisors or evaluators "shall not engage in amorous or sexual relations with, or make amorous or sexual overtures to, any student over whom he or she holds a position of authority." Violators "will be subject to sanctions ranging from a letter of reprimand to dismissal."

Clinton Leads Dedication Of Holocaust Museum

BALTIMORE SUN

WASHINGTON

On a day of biting cold and burning memories, President Clinton on Thursday led foreign leaders and thousands of Americans in an outdoor dedication of the U.S. Holocaust Memorial Museum, a national monument to one of the darkest episodes in human history.

Assisted by Nobel Peace laureate Elie Wiesel and memorial council chairman Harvey M. Meyerhoff, Clinton lit the eternal flame of remembrance for the millions of Jews and others who died in the genocide of Nazi-occupied Europe.

An estimated 10,000 people, many of them Holocaust survivors and World War II veterans, braved the cold, wet weather to attend the two-hour ceremony. Some were moved to tears at times by the emotional speeches and accounts of bravery and survival.

A few dozen demonstrators, protesting the Holocaust as a lie and denouncing the use of American tax dollars for the museum, gathered across a street from the ceremony and behind police lines. After shouting slogans and waving banners for about 30 minutes, they dispersed.

Ross Perot Assails North American Free-Trade Agreement

THE WASHINGTON POST

WASHINGTON

Former presidential candidate Ross Perot has told members of Congress that he plans to mount a major public campaign against the North American Free-Trade Agreement including a number of paid television presentations, sources said.

Perot, who opposed the free-trade pact in last year's campaign, appeared Thursday at a Senate Banking Committee hearing to denounce the pact in his strongest terms yet. The treaty, signed last year, is awaiting House and Senate consideration later this year.

"Last time I testified on this agreement, they said I wasn't specific enough," Perot said. "So let me try to be specific: Just don't do it. It's not in our country's best interests."

The Texas billionaire has been telling supporters at his Unite We Stand rallies that he wants to speak to the country about NAFTA.

"We are thinking about it," said a spokesperson for his organization. "It's more an educational campaign about NAFTA than a campaign against it."

OPINION

Letters To The Editor



Chairman

Douglas D. Keller '93

Editor in Chief

Jeremy Hylton '94

Business Manager

Benjamin A. Tao '93

Managing Editor

Garlen C. Leung '95

Executive Editor

Matthew H. Hersch '94

NEWS STAFF

Editors: Karen Kaplan '93, Katherine Shim '93, Sarah Keightley '95, Eva Moy '95; **Associate Editors:** Jackson Jung G, Eric Richard '95, Hyun Soo Kim '96, Michael A. Saginaw '96; **Staff:** Rahul T. Rao '94, Sabrina Kwon '95, Trudy Liu '95, Matt Niemark '95, Ben Reis '95, Nicole A. Sherry '95, Kevin Subramanya '95, Charu Chaudhry '96, Deena Disraeli '96; **Metereologists:** Michael C. Morgan G, Yeh-Kai Tung '93, Arnold Seto '96, Marek Zebrowski.

PRODUCTION STAFF

Editors: Vipul Bhushan G, Matthew E. Konosky '95, Michelle Sonu '96; **Associate Editor:** Teresa Lee '96; **Staff:** Sasha K. Wood '93, Chris Council '94, Ravi Dalal '96, Rolf Rando '96, Vivian Tung '96; **TEN Director:** Josh Hartmann '93.

OPINION STAFF

Editor: Bill Jackson '93; **Staff:** Michael K. Chung '94.

SPORTS STAFF

Editors: Lynn Albers G, Haider A. Hamoudi '93; **Staff:** Mike Duffy G, Andrew Heitner G, Ognen J. Nastov G, Bo Light '96.

ARTS STAFF

Editor: Chris Roberge '93; **Staff:** Dave Fox G, Joanna E. Stone G, Joshua Andresen '93, Allison Marino '93, Allen Jackson '94, John Jacobs '94.

PHOTOGRAPHY STAFF

Editors: Josh Hartmann '93, Yueh Z. Lee '95; **Staff:** Ben Wen '92, Sarah Wheeler '93, Rich Domonkos '95, Michael Oh '95, Raluca G. Barbulescu '96, Sherrif Ibrahim '96, Lenny Speiser '96; **Darkroom Manager:** Douglas D. Keller '93.

FEATURES STAFF

Christopher Doerr G, Pawan Sinha G, Mark Hurst '94, Cherry Ogata '94, Steve Hwang '95.

BUSINESS STAFF

Advertising Manager: Aaron Belenky '96; **Associate Advertising Manager:** Pradeep Sreekanthan '95; **Accounts Manager:** Oscar Yeh '95; **Staff:** David Gomez '94, Shawn Bolan '96.

CONTRIBUTING EDITORS

David A. Maltz G, Michael J. Franklin '88, Jadene M. Burgess '93, Brian Rosenberg '93.

ADVISORY BOARD

V. Michael Bove '83, Jon von Zelowitz '83, Bill Coderre '85, Robert E. Malchman '85, Thomas T. Huang '86, Deborah A. Levinson '91, Jonathan Richmond PhD '91, Reuven M. Lerner '92.

PRODUCTION STAFF FOR THIS ISSUE

Night Editors: Vipul Bhushan G, Michelle Sonu '96; **Associate Night Editor:** Matthew E. Konosky '95; **Staff:** Josh Hartmann '93, Douglas D. Keller '93, Jeremy Hylton '94, Garlen C. Leung '95.

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 Ave., Cambridge, Mass. 02139-0901. Third Class postage paid at Auburn, Mass. Non-profit Organization Permit No. 59720. **POSTMASTER:** Please send all address changes to our mailing address: *The Tech*, P.O. Box 29, MIT Branch, Cambridge, Mass. 02139-0901. Telephone: (617) 253-1541. FAX: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 1993 *The Tech*. Printed on recycled paper by MassWeb Printing Co.

Armernian Genocide Should Be Remembered

Every year on April 24, the Armenian people commemorate the 1.5 million Armenians who were massacred at the hands of the Ottoman Turks. April 24, 1915 was the beginning of the Armenian Genocide, the first genocide of the 20th century. A genocide is the killing of an entire race of people and a nation.

Armenian leaders and intellectuals were killed first. Townspeople were gathered together, and the men were massacred while women, children, and the elderly were sent on death marches into the deserts. Town names were changed and all references to Armenia and Armenians were attempted to be deleted from the minds of the Turkish youth and the Armenians who survived.

Hitler was inspired by the Turkish and massacred millions of Jews. Germany and people all over the world acknowledge the

Jewish Holocaust while the Turkish Government will not admit to the horror of the Armenian people in 1915. Speaking out today is what we owe the 1.5 million Armenian people who were massacred for no reason.

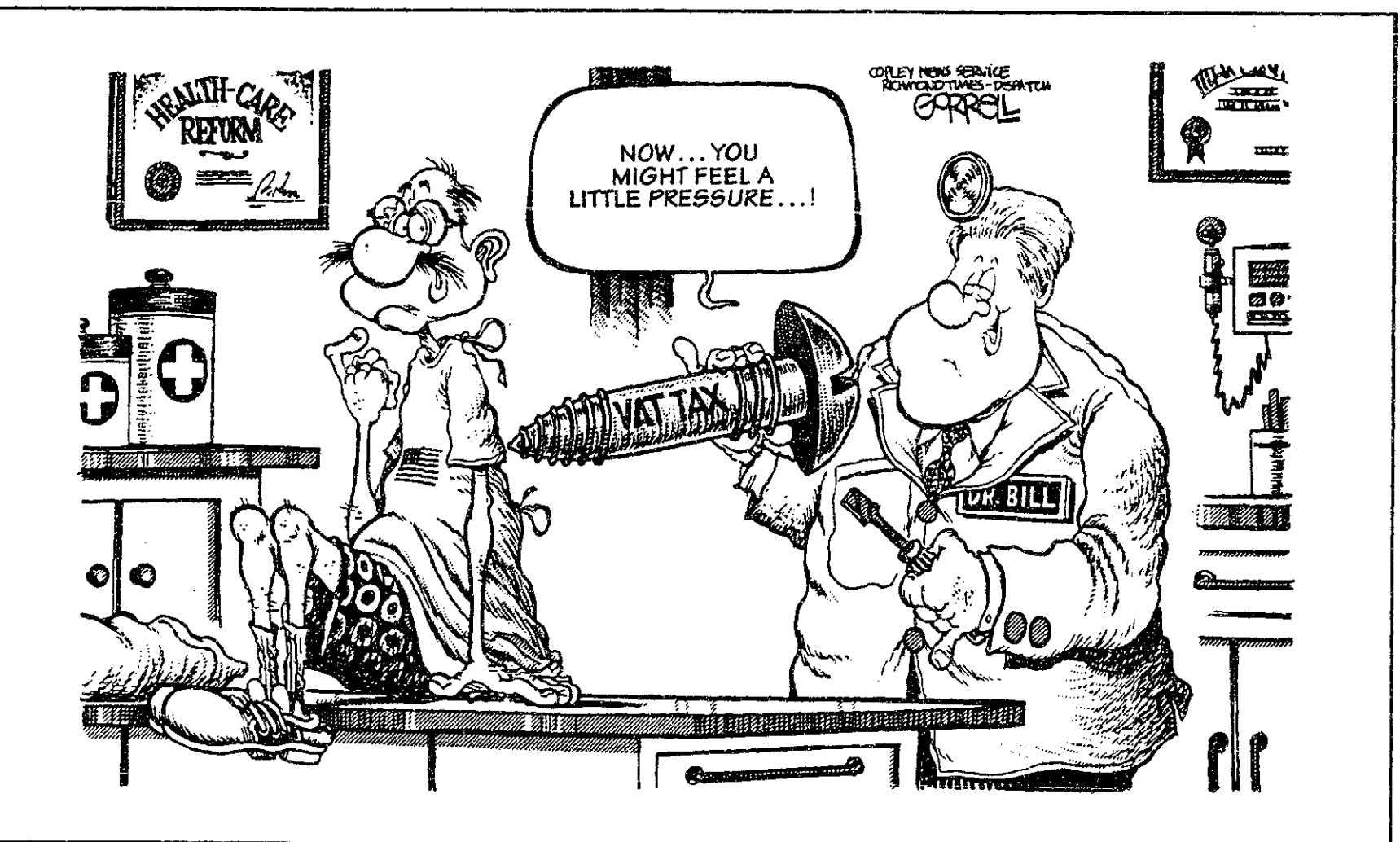
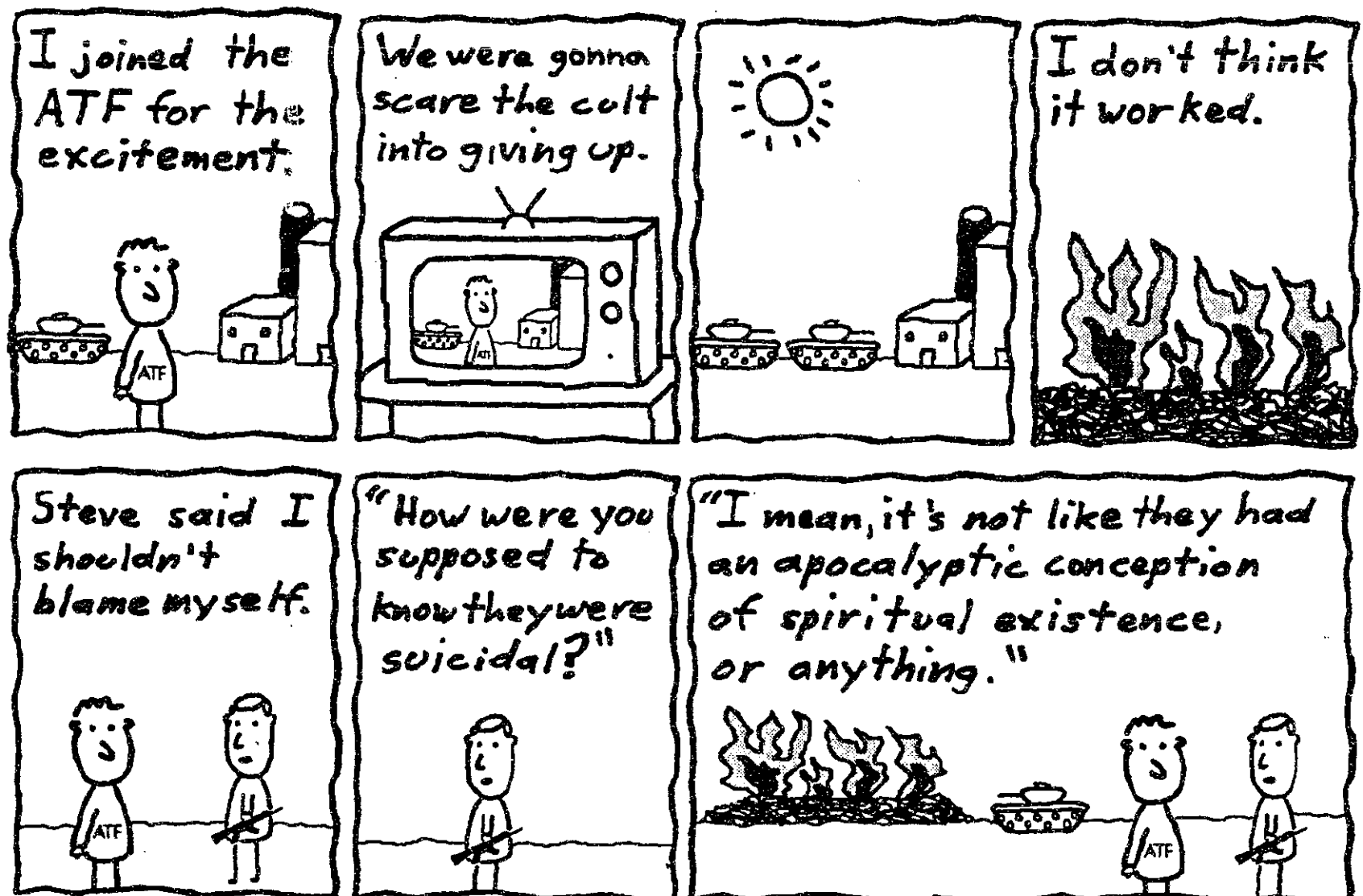
People realize that genocide can happen, even today. If the world had recognized the Armenian massacre of 1915, such events as the Jewish Holocaust and the events in Bosnia may have been prevented.

Paul Boyajian G

Jim's Waco Journal

by Matthew H. Hersch

with apologies to Onion Features Syndicate



Opinion 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*, P.O. 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 letters@the-tech.mit.edu. All submissions are due by 4 p.m. two

days before the date of publication.

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. Once submitted, all letters become property of *The Tech*, and will not be returned. We regret we cannot publish all of the letters we receive.

To Reach Us

Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.

SUMMER IN ISRAEL!

Spend three weeks as a student volunteer working and living at army base.
Six month open return ticket!

LOW PRICES

INCLUDES ROUNDTRIP AIRFARE, ROOM,
KOSHER BOARD & TOURS

FROM
\$799

+REG. FEE

* Departing from New York
beginning 5.23, 5.29, 5.30, 5.31, 6.2, 6.5, 1993

Call for other dates and cities.

Contact:
National Student
Coordinator

Hope to see you soon.

Love, Israel

**VOLUNTEERS
for ISRAEL**

330 WEST 42ND STREET
SUITE 1818
NEW YORK, NY 10036-6902
212 643-4848
FAX 212 643-4855

M.I.T. Community Summer Softball 1993

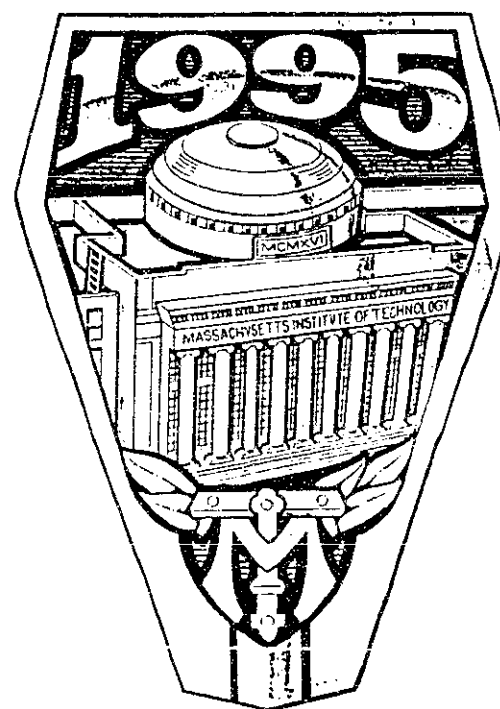
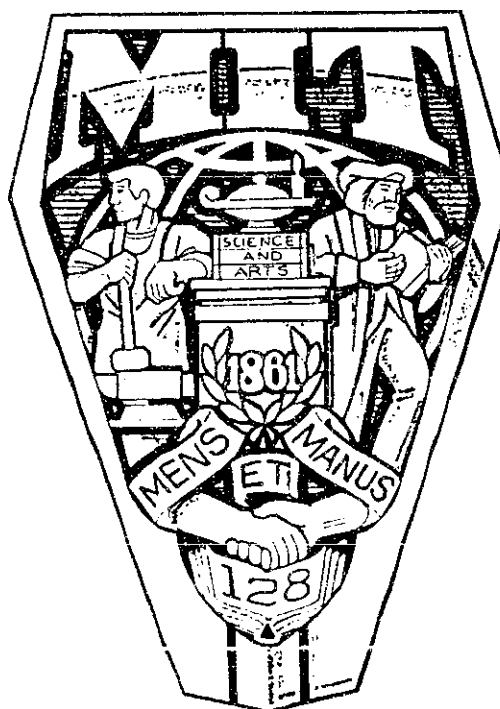
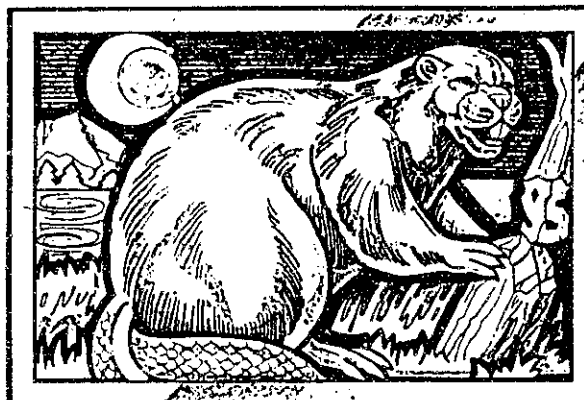
Organizational Meeting Wed. May 5
New Team Entries Accepted

5:30 P.M.

Student Center
Twenty Chimneys

For more information, contact:
Marino D. Tavaraz, MITCSS Commissioner
MIT Rm. 20B-131, Messages: 262-9032

CLASS OF 1995 RING DELIVERY



MONDAY & TUESDAY, APRIL 26 & 27
10AM - 3PM, LOBBY 10

JOSTENS
AMERICA'S COLLEGE RING

T E C H N I Q U E

CLASS OF 1994

Your time here.

**Sign up for your senior portraits
NOW outside 10-100.**

**We will be giving away a \$50 gift certificate from
Newbury Comics everyday! The sooner you stop by
the better your chances are!**

Sittings will be: April 26-30 & May 3-4

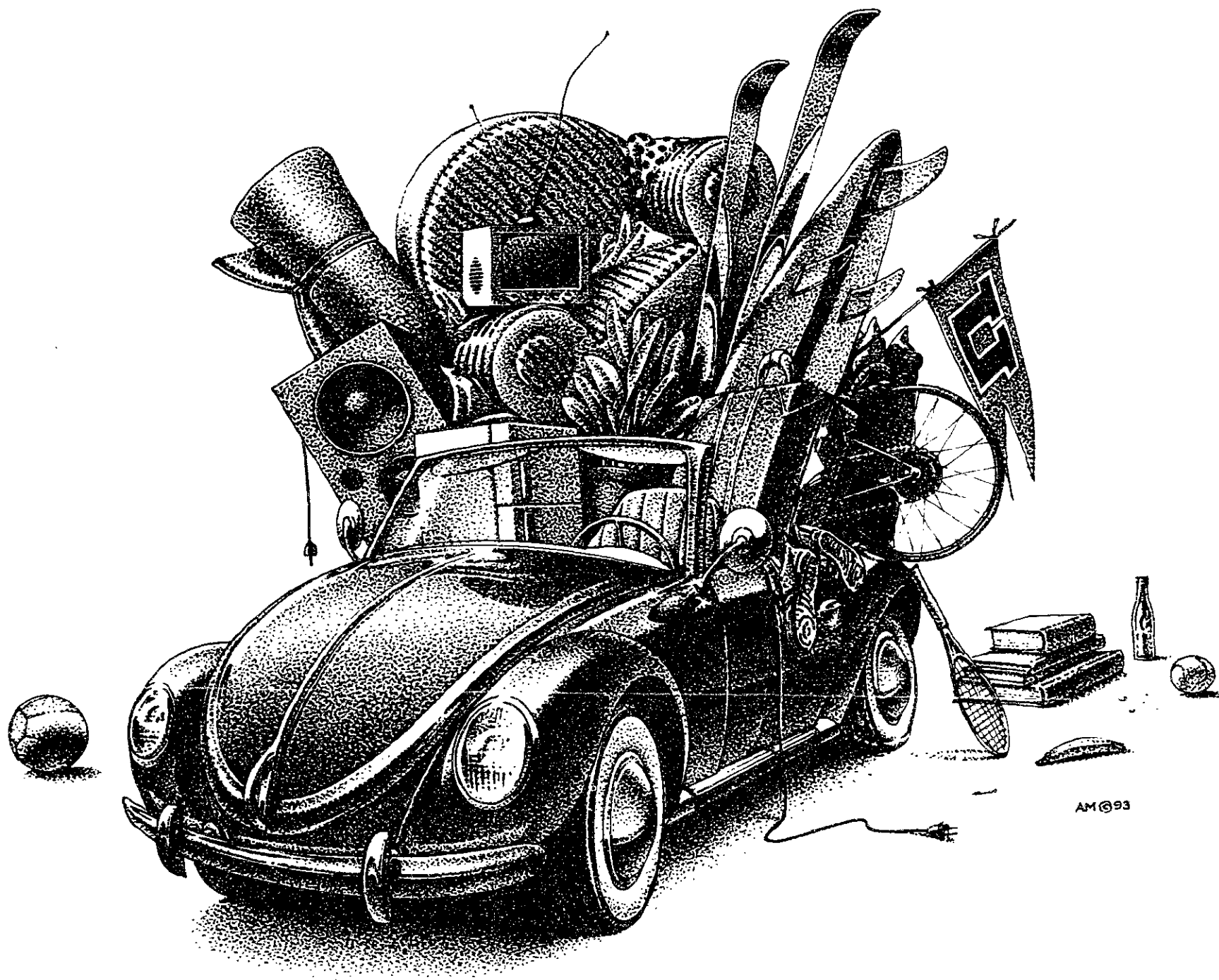
Take pictures of cool things around campus,
be provided with all the film you can use,
have your work admired by 15,000 people...

Sound interesting?

Join *The Tech* photography staff!!!

Call us at 253-1541 or come eat pizza with us Sunday evening at 6 p.m.

STOP CRAMMING.



**Make It Easy
With Ryder.**

Now you can take all your stuff home without overstuffing it. Just rent a Ryder truck and it's easy.

Ryder trucks have plenty of cargo space, so they're easy to load. And with power steering, air conditioning, and AM-FM stereos, they're fun to drive. There's even a Ryder dealer close to campus, so choosing the right truck and getting all the help you need is easy too.

Plus, Ryder makes it easy to save money with special discounts just for students. So stop cramming and start saving. Call your local Ryder dealer today and take the easy way out.

Pat's Tow Service
94 Prospect Street
547-1027

Twin City Storage Depot
265 Msg O'Brien Highway
623-3360

\$25 OFF
One-Way Rental

\$10 OFF
Local Rental

START SAVING.

Take this coupon to your authorized Ryder dealer. It entitles you to a \$25 discount on a One Way Rental or a \$10 discount on a Local Rental.

Discount valid through December 31, 1994. Offer not valid with any other offer, rebate or discount program. Void where prohibited. Limit 1 coupon per rental. Current student I.D. required.

RYDER®

We're there when you need us.™

THE ARTS

Terrifyingly disturbing *Beirut* deserves to be seen

BEIRUT

Written by Alan Bowne.

Directed by Janet Sonenberg.

Starring Arthur H. Roberts '92, Charlene M. Suwanabhand '93, and Daniel N. Zentner '92. Kresge Little Theater.

April 22-24, 29, May 1 at 8 p.m.

By Brian Rosenberg

CONTRIBUTING EDITOR

Let's just get this out of the way: Yes, someone is naked for part of this play. Nude. Naked as a jaybird. In his birthday suit. Whatever you want to call it.

Phew. Now we can move on to the important stuff. On the whole, *Beirut* is not entertaining — it's terrifying. There are funny moments and wonderfully tense moments, but the overall effect is one of dread at the proximity of our own world to that of the play.

In that world, Beirut is in New York City, not Lebanon. The residents have all tested positive for a viral disease that remains nameless but bears a haunting similarity to AIDS: It's transmitted through bodily fluids, is highly infectious, and attacks the immune system. Symptoms include lesions and severe weight loss. People who test positive may not show symptoms for weeks or years, or they may only be carriers and never get sick.

Torch (Arthur H. Roberts '92) recently tested positive, so he got a "P" tattooed on his left buttock and was carted off to Beirut to live, and mostly to die, with the other Ps. He sits in his one-room (okay, there's a bathroom too) apartment eating the cold canned food the government gives him and reading about his disease by candlelight — heat and electricity are severely rationed for Ps. He's not showing any lesions, but that doesn't keep him or his lesion inspector (Daniel N. Zentner '92) from checking.

Torch's sort-of girlfriend Blue (Charlene M. Suwanabhand '93) is in love with him and wants to spend the rest of her life with him. Problem is, she's negative, and negatives found in Beirut are killed. So she buys an imitation P tattoo on the black market and sneaks into Beirut to see him, and for the next hour or

so they struggle to decide the shape of their futures.

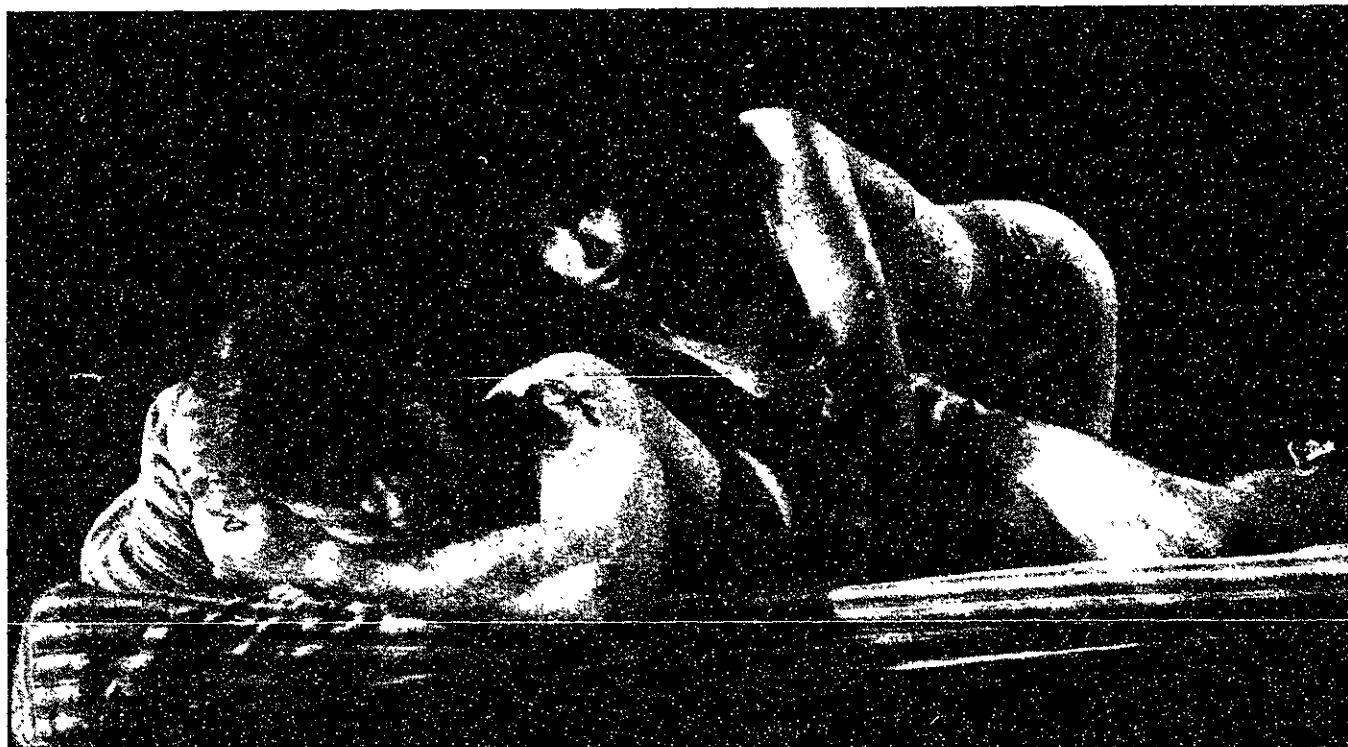
Sexual tension dominates *Beirut*. Blue wants Torch to take her, and take her out of the negative world, where there are no movies, no bars, and cameras are everywhere, monitoring compliance with the laws forbidding sex. (Test-tube babies are humanity's only reproductive hope.) Torch would gladly take her were it not for the fact that he'd also probably be killing her.

Roberts and Suwanabhand are spectacular together. Whether she's crawling across the bed or giving Roberts a massage, Suwanabhand moves with a feline grace and intensity that underscores her stalking of him. Roberts responds to her touch with just the right blend of indulgence and reluctance. When he inevitably realizes that every touch could be killing her, the jerky suddenness of his retreats preserves their spontaneity. Though their interaction becomes extremely intimate (each fondles the other's crotch; she licks his behind), there is never a break or a hesitation in the

Beirut

action. On the contrary, the pair bring a riveting energy to the sexual exchanges. One dry-humping scene near the play's midpoint is particularly intense. Perhaps the only flaw in the sexual presentation comes in the handling of the play's hints of sadomasochism, an admittedly difficult element which nonetheless seems to have been glossed over.

The play's treatment of death is also



Blue (Charlene M. Suwanabhand '93) stalks her lover Torch (Arthur H. Roberts '92) with an intensity that matches that of the AIDS-like disease infecting the residents of Beirut.

superb. Roberts spits lines into Suwanabhand's face about how every drop of him is "crawling with cockroaches that will shit in your blood slowly, for months" with a delicious venom. Torch's circumstances have inured him to death in general, however, and he appropriately displays this anger only when death confronts him directly; Blue's report of six negatives hung from a lamppost for entering Beirut elicits only a casual, "That's unsanitary." Torch's and Blue's morbid and uncomprehending fascination with the development of the disease also rings true.

Though a few lines fall flat, the responsibility seems to lie more with Bowne than the actors. The most prominent example comes when Torch and Blue discuss pornographic movies. He suggests that she satisfy her sexual needs by watching them instead of having sex with him, but she proposes that they masturbate in front of one another. "You're not in any of them..." We could be VCRs for each other," she says. Later, Torch tries to convince

Blue to leave Beirut by reminding her about all the things he can no longer have. "I miss pizza," he says. Soon after, she replies with "You can't live without love," a line which may be impossible to cleanse of camp. These failings are by far the exception, however, and the play survives them virtually unscathed.

Beirut also succeeds technically. Haphazardly organized canned food, scattered papers, and a girlie calendar on the wall help transform the Kresge Little Theater into a squalid hole. An eerie green light blinks on and off through a high window to meet the orange glow of lamps at the sides, and strange synthesizer music completes the otherworldly effect. The rapid strobing of the green light that accompanies a discussion of rock clubs is an annoying distraction, however.

Despite a few lapses, *Beirut* is a powerful and stunning play that will both disturb and attract you. It deserves to be seen, even if you only go because you can't believe people would do that on stage.

The *Dark Half* captures suspense of original novel

THE DARK HALF

Written and Directed by George A. Romero.

Based on the Novel by Stephen King.

Starring Timothy Hutton, Amy Madigan, and Michael Rooker.

Loews ???

By Douglas D. Keller

CHAIRMAN

In a class on fiction, Thad Beaumont (Timothy Hutton) explains to his students that in everyone's mind there is a "dark half" and that, while most people suppress that half, the fiction writer does not. Through writing, the author is able to exorcise the demon within, and Beaumont, a "serious novelist," knows what he is talking about, having written several very successful graphic novels under the pseudonym George Stark. *The Dark Half* is about what can go wrong when the demon within begins to want a material life of its own.

Confronted by an opportunistic blackmailer about his secret other identity, Beaumont,

after consulting with his wife, Liz (Amy Madigan), decides to go public. Beaumont has already begun a new novel that will put him on the literary map, so he decides to literally bury his pseudonym. With a fake gravestone and shovels in hand, Thad and Liz "bury" George in the family plot in an event that generates a story and pictorial in *People* magazine.

The couple think nothing more of the whole incident until Castle Rock Sheriff Alan Pangborn (Michael Rooker) shows up at their door with two state troopers. Seems the writer and the photographer of the *People* spread, the blackmailer, and one of Beaumont's publishers are all dead and Thad stands accused. George Stark has come to life and is just taking a little revenge for his pal Thad. But George also is coming apart physically as Thad distances himself from his pseudonym. George kidnaps Liz and the Beaumont twins in order to force a writing showdown with Thad. In the process, George hopes that he will be able to take over Thad's body and life. The movie is not too clear on exactly how this

is to be accomplished except to say that it involves mysticism and enough sparrows (symbolic soul conveyors) to blacken the daytime sky.

Writer and director George A. Romero (*Creepshow*, *Night of the Living Dead* (1968)) has done an admirable job of bringing Stephen King's unique blend of visceral and psychological terror to the screen. There is a lot of blood shed in the film, and like the plot, the volume builds to a climax. The joy of watching *The Dark Half* comes in trying to figure out, along with Sheriff Pangborn, whether George Stark actually exists.

Timothy Hutton is strong in his roles as both the pensive Beaumont and the purely evil Stark, showing a firm grasp of the motivations and emotions of each character. Amy Madi-

gan plays the reserved yet determined wife who knows her husband is innocent, but has also experienced Thad's "dark half" whenever he is writing as Stark. Madigan's performance is realistic but it is a shame that her part wasn't bigger. Michael Rooker, who played the title role in *Henry: Portrait of a Serial Killer*, finds himself on the other side of the law as the unbelieving Pangborn. Rooker is reserved and powerful in his portrayal of the sheriff who unwillingly becomes Beaumont's confidant and supporter.

The Dark Half is a complex, gripping mystery/horror film. The acting is tight and believable. The script is at times incredulous and varies from the original novel, but works as a whole. The suspense will bring you to the edge of your seat while the bloodshed will make your regret the \$3 box of Goobers™ you just downed.

THE DARK HALF

THE TECH PERFORMING ARTS SERIES

ALFRED BRENDEL, PIANO

The pianist performs an all-Beethoven program of sonatas: *A Flat Major*, Op. 26; *E Flat Major*, Op. 27, No. 11; *C sharp minor*, Op. 27, No. 2; *F Major*, Op. 54; and *C Major*, Op. 53 "Waldstein." A Bank of Boston Celebrity Series Event.

Friday, May 7, 8 p.m., Symphony Hall
MIT price: \$7.50.

PRESERVATION HALL JAZZ BAND

Original band members and their disciples perform in an evening of traditional and Dixieland jazz. A Bank of Boston Celebrity Series Event.

Saturday, May 1, 8 p.m., Symphony Hall
MIT price: \$7.50

Tickets are on sale at the Technology Community Association, W20-450 in the Student Center. Office hours posted on the door. Call x3-4885 for further information.

The Tech Performing Arts Series, a service for the entire MIT community, from *The Tech*, MIT's student newspaper, in conjunction with the Technology Community Association, MIT's student community service organization.



Thad Beaumont (Timothy Hutton) looks over a copy of his latest novel written under a pseudonym, after being confronted by a blackmailer who knows his alter ego.

ECONOMY

Hardware & Home Center

438 Mass. Ave., Central Square, Cambridge
864-3300, 536-4013 (V/TTY)

WOW!

\$36.88

Remote Answering System
with this coupon
Expires 5/7/93





Save Money, Stay Out of the Coop!
We Have Everything A MIT Student Needs

Offers can not be combined. Limit 2 per person.

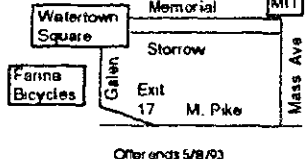


Out of This World Performance.



Pick up a SUPER deal on the hottest GT mountain & cross bikes!
FREE "U" Lock with GT purchase & ad (\$30. Value)

Find us fast in the NYNEX Yellow Pages



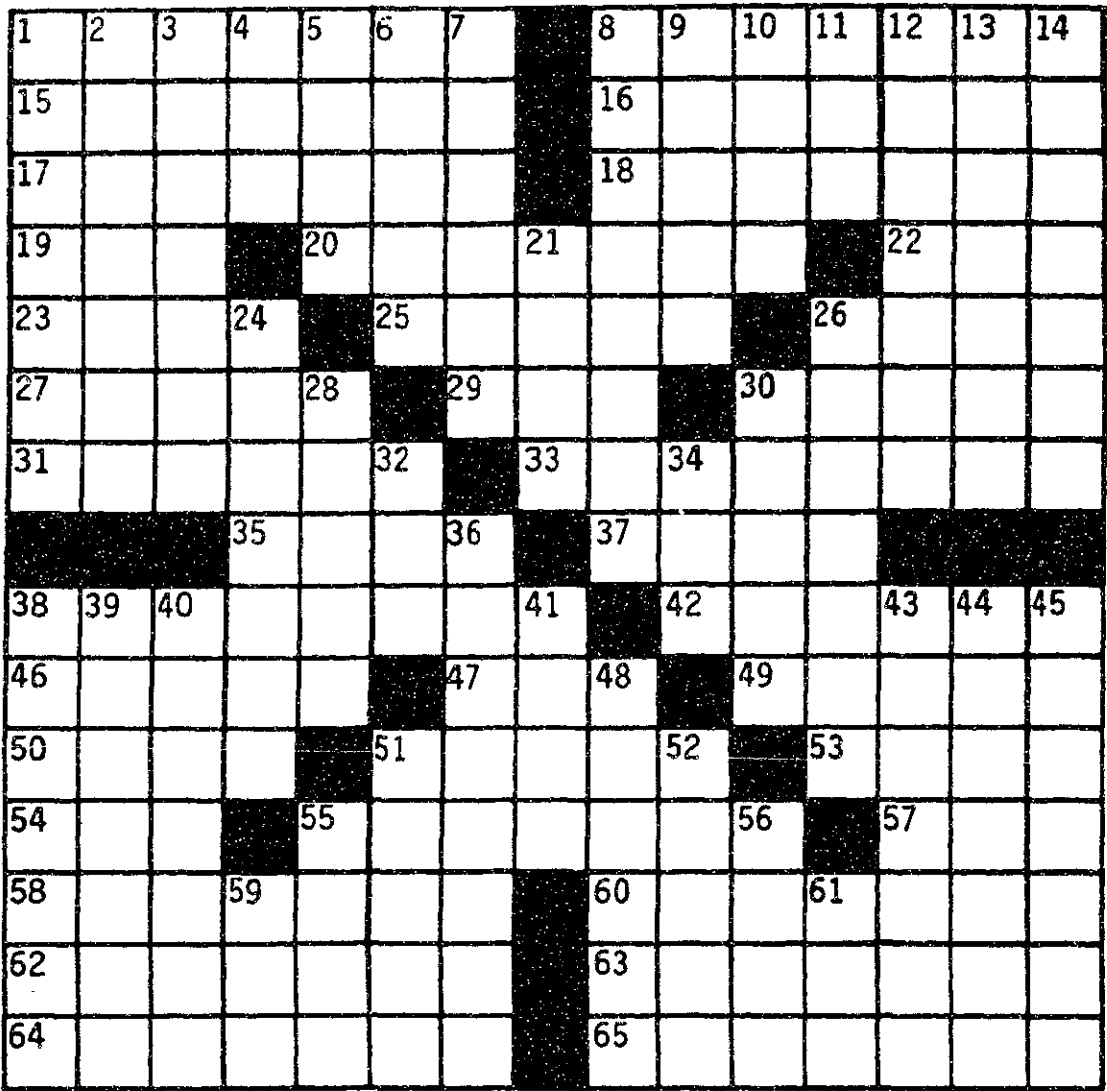
Karina BICYCLES

61 GALEN ST. WATERTOWN 926-1717

Offer ends 5/8/93

OFFICIAL SHOP OF THE MIT CYCLING TEAM

collegiate crossword



© Edward Julius Collegiate CW8829

ACROSS

1 Lists of names
8 Tells
15 Level of authority
16 Scholarly
17 Capacity to endure
18 Gruesome
19 Male cat
20 Fatty
22 Continent (abbr.)
23 Shortened form (abbr.)
25 Popeye's girlfriend
26 To be: Fr.
27 Type of race
29 — jump
30 The — (Mt. range)
31 Mine-boring tool
33 Belonging to The Hoosier State
35 Cultivate
37 Precious stones
38 Apportioned
42 Slow down
46 Comedienne Ann —
47 Out of: Ger.
49 Olympics entrant
50 Mr. Maverick
51 French states

DOWN

1 Begin again
2 Black Tuesday's month
3 Shuffling gait
4 Egyptian god
5 Charles Lamb's pen name
6 Musical piece
7 — pace
8 Taking away
9 Expunge
10 Publisher
11 Society of dentists
12 Native of Lhasa

53 Vena —
54 Mr. Gershwin
55 City in Kentucky
57 Letters engraved on a tombstone
58 All together (2 wds.)
60 Carpentry joint
62 Not one nor the other
63 Famous reindeer
64 Delirium —
65 Bird dogs

13 Part of ancient Italy
14 Female prophet
21 Maize bread
24 Harmony of relation
26 Rubber band
28 Site of 1945 conference
30 Directed toward
32 Prefix for withstanding
34 German article
36 Endures
38 Completely surrounding
39 Student, e.g.
40 City in Wyoming
41 Double
43 Greed
44 Editor
45 Dealers in cloth
48 Mailing necessities
51 City in Germany
52 Nighttime noise
55 Tennis great
56 "Darn it!"
59 Prefix: air
61 Dynamite

Solutions Page 13

DEPARTMENT OF OCEAN ENGINEERING

Presents

DR. WILLIAM I. KOCH

1992 America Cup: Teamwork, Technology and Talent = Victory

Dr. Koch will describe the approaches and procedures he used in winning the 1992 America's Cup Match. Two notable differences between his approach and other aspirants for the oldest trophy in sports are Dr. Koch's emphases on teamwork and technology. Through a technology development program based on a scientific background and a disciplined approach, Dr. Koch's team, America³ developed the fastest boats amongst the ten competing teams. The use of a technical and design team introduced more useful ideas into the effort than could have come from a more traditional effort involving a more restricted set of individuals.

Date: Thursday, April 29, 1993
Time: 4:15 p.m.
Place: Massachusetts Institute of Technology
Building 9 Room 150
77 Massachusetts Avenue
Cambridge, MA

Refreshments: 3:45 p.m.

1ST SEMI-ANNUAL MARIAB ANTIQUARIAN BOOK FAIR

THE PARK PLAZA CASTLE
BOSTON, MA

Friday, April 30, 1993 - 5-9PM
Saturday, May 1, 1993 - 10-5PM

Admission \$4.00
For information Call: (508) 588-6566
*All coats and cases must be checked.
\$1.00 off either ticket price with this ad*

BOOK NOW FOR THE SUMMER

from

PARIS \$450
AMSTERDAM \$478
GUATEMALA \$430

Fares are round trips from Boston.
Taxes and surcharges not included. Fares subject to change.



We are right here in the
Stratton Student Center,
W20-024
925-2555
Call Now

Faculty Meeting Dominated by Debate on Calendar

Calendar, from Page 1

sis. Cutting out two weeks of the summer can be quite a burden on [the other student's] finances," he said.

Walker and David H. Friedman, associate professor of the history of architecture, were also concerned about the shortened summer's effect on faculty research efforts.

Friedman explained that he and his colleagues found teaching duties so time-consuming that it was difficult to spend enough time on

research. The summer break is essential for research projects, he said.

"Those people that do their research away from their offices here need to have that time [over the summer]. To take those two weeks away is ultimately a destructive act," Friedman said.

Walker said that during the six years he was a housemaster, he effectively lost two weeks of time during the summer to administrative duties. "It's a big chunk out of the unrestricted time I can spend on my

research," Walker said. "I think it's going to be a substantial burden."

Role of IAP questioned

Various interpretations of the purpose and use of IAP were at the heart of several faculty members' criticism of the calendar proposal.

Professor of Physics Robert L. Jaffe suggested that some required classes be offered over IAP. "We could redefine IAP so that it extends the amount of teaching time for those departments that want it," he said.

Godfrey, who spoke on a behalf of a group of interested students, said, "Most people we spoke with felt that three and a half weeks was unsatisfactory for teaching their courses and we feel that to increase the number of credit-giving courses during IAP, it needs to be four weeks." He endorsed giving IAP a more academic focus.

Thurrow observed that although IAP is voluntary for students, "IAP was not supposed to be voluntary for faculty. Every faculty member was supposed to teach during IAP."

Silbey, however, said there was little support among the faculty for a more academically rigorous IAP. "There is no strong feeling on the grounds of pressure and pace to force students to be here during IAP or forcing faculty to teach," he said.

Walker suggested that IAP could be shortened to maintain the length of the summer. Silbey agreed that if IAP were shortened to "a two week truly independent period" that the summer break could be lengthened.

CLASSIFIED ADVERTISING

Classified Advertising in The Tech: \$5.00 per insertion for each 35 words or less. Must be prepaid, with complete name, address, and phone number. The Tech, W20-483; or P.O. Box 29, MIT Branch, Cambridge, Mass. 02139

Programmers: A leading options trading firm is currently seeking programmers for its trading and research groups. Heavy training involved. Strong C, C++ or FORTRAN required. Pluses included good grades, relational database or quantitative/math skills. Please call for more information Jan Klein (212) 943-6194 or fax resume to (212) 943-6197. (US citizen or permanent resident required) No internships available.

Do you have a good idea and need help getting a patent? I can help! Call me! Mr. Scott (617) 631-2080.

Toshiba Notebook T4400SX, 2RAM, 80MB, LCD. New. Still in box. Full warranty. \$1950. 4RAM and 120MB also available. Please check prices and call (617) 499-8666.

Arlington Luxurious 2 bedroom, 2 full bath, AC, washer, dryer, WW carpet, microwave, alarm, underground parking, at the bus stop on Mass. Ave. Available May 1, \$1300, 648-1728.

Tax Returns Professionally Prepared, Economically Priced for any year, any state, individual or business. 20 years experience. Electronic filing capability provides refunds within two weeks. Convenient MIT location. James Moore, One Kendall Square, (617) 621-7060.

Peak Experience Intensive meditation for beginners. Free, near MIT. "The Boston Meditation Society... a bit of altruism still left in the world." —Boston Globe. For information about classes and other events, call (617) 576-8885.

Special Moving Rates for MIT Community. Receive MIT Discount toward Spring/Summer moving costs. Friendly, professional, local moving company. For help with your local, USA, and international moving and storage call VVV Moving at 643-5723.

Nationwide Summer Sublet Exchange: List your apartment or find sublet in Boston, NY, Chicago, Washington DC, San Francisco, LA or other US cities. A service for students and summer employees nationwide. Call anytime 1-800-877-3007.

Word for Word: Professional Word Processing. Fast, accurate, reliable. Manuscripts, letters, tapes transcribed. Fifteen years experience. Graduate degree in English. Call Ruth. 232-9034.

Sierra Club Environment Tour: Help remove remains of an F-4 fighter from Colorado Wilderness. 3 wks \$1500; Mexico 4 wks camping rafting horses; Acapulco, New Orleans, \$1800. Also Scotland & EcoSafari. Eric (607) 723-1403.

The Funny Farm Harvard Square's premiere toy store is looking for promotional help on a one-time or part-time basis. Hand out fliers in exchange for discounts or free merchandise. Call 661-3999, ask for Caroline.

A national Pro-Life group is looking for students to establish a local chapter. Write to: Stop the Killing, Inc., P.O. Box 7725, Metairie, LA 70010.

Cruise Ships Now Hiring: Earn \$2000+/month + world travel! (Hawaii, Mexico, the Caribbean, etc.) Holiday, Summer, and Career employment available. No experience necessary. For employment program call 1-206-634-0468 ext. C5033.

Adoption: Dear birth mom, please feel comfortable calling. We're loving, professional family waiting to share lifetime of love/security with healthy white newborn. Expenses paid. Call collect Judie/Eddie 617-332-9984.

Middlebury College Professor and family on sabbatical at MIT needs home or apartment to rent for one year within commute of MIT starting August 1st. (802) 388-1649.

Greeks & Clubs Raise a Cool \$1,000.00 in just one week! Plus \$1000 for the member who calls! And a free Igloo Cooler if you qualify. Call 1-800-932-0528, Ext. 65.

Belmont, MA Historic House for rent Sep-Dec 1993. 3 BR, 2 1/2 baths, 4 fireplaces, modern kitchens, LR, DR, foyer, patio, large yard, off street parking, artists studio, gas heat, 15 min Harvard Square, one block from shops, train, bus. \$2000/mon. 617-489-0372.

Group Discount: Encyclopedia Britannica, reference standard of the world. Great scholarship tool grade school children. Edison Smith 617-321-3557.

House for Rent in Winchester. Available 6/93 - 5/94 (negotiable). Fully furnished/equipped. 3 BR; lovely fenced in yard; walk to train/shopping; 15 minute drive to MIT/Harvard. Faculty/researcher desired. \$1200/month + utilities. (617) 729-1164.

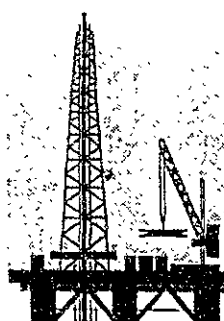
Car for Sale: 1982 AMC Eagle four-door hatch back. 88,000 miles. In good condition. Ski rack on roof. Great for transporting things. Worth \$900. Asking \$700.00. Call 494-8931 in the evenings and ask for Ben.

The Rev. Sun Myung Moon: makes the proclamation of Messiahship and the dawning of a new age, the Completed Testament Era. We at the Boston CARP student center, at no charge, are lending out this book, The Diving Principle, for those open minded students who want to learn more. Please call 266-8756 to pick up your copy.

Room for Rent: 1 room available in 3-bedroom apartment near Central Square. Large and spacious kitchen, living room. 15 minute walk to MIT. To share with 2 other MIT students. \$300/month + utilities. Call 492-6229 and ask for Pradeep.

Summer Sublet—Edgerton, 143 Albany Street. 1 bedroom in a 3 bedroom apartment. Parking available. Air conditioning. Huge bi-level largest bedroom. Fully furnished. \$450/month. Available May 17 - Aug 31. Call 225-0345. Must be MIT affiliated.

The Tech subscription rates: \$20 one year 3rd class mail (\$37 two years); \$55 one year 1st class mail (\$105 two years); \$52 one year air mail to Canada or Mexico or surface mail overseas; \$140 one year air mail overseas; \$10 one year MIT Mail (2 years \$18). Prepayment required.



WANTED IMMEDIATELY Software and Equipment/Instrumentation Engineers

- Development of Unique Innovative Hardware & Software for (Petroleum) Wellbore Drilling and Completions
- System/Graphics/Data/Modelling
- Windows Environment (also running DOS)
- C++, FORTRAN (physical models) etc.
- TOP PAY for PARTTIME (~ PERFORMANCE)
- FULLTIME position possible for the right person
- Small High-Tech R&D/Consulting/Software Firm
- Send resumes to:
 - One Cambridge Center, Suite 407
 - Cambridge, MA 02142
 - FAX 617-621-6989

Chomsky: A Brief Bibliography.



The Latest

Year 501: The Conquest Continues

"A wonderful single-volume education in history and world politics." —Howard Zinn
South End Press \$16.00

with Edward S. Herman

After the Cataclysm: Postwar Indochina and the Reconstruction of Imperial Ideology, The Political Economy of Human Rights, Vol. 2 \$12.00
Manufacturing Consent: The Political Economy of the Mass Media \$14.95
The Washington Connection and Third World Fascism: The Political Economy of Human Rights, Vol. 1 \$13.00

Linguistics from The MIT Press

Aspects of the Theory of Syntax \$10.95
Barriers \$9.95
Language and the Problems of Knowledge: The Managua Lectures \$9.95
Some Concepts and Consequences of the Theory of Government and Binding \$10.95
The Sound Pattern of English with Morris Halle \$17.95

and more...

Chomsky: The MIT Interviews with David Barsamian (two cassettes) \$19.95
The Chomsky Reader edited by James Peck \$15.95
Chronicles of Dissent: Interviews with David Barsamian \$16.95
The Culture of Terrorism \$12.00
Deterring Democracy \$15.00
The Fateful Triangle: The United States, Israel, and the Palestinians \$16.00
Knowledge of Language: Its Nature, Origins, and Use \$11.95
Language and Politics, edited by C. P. Otero \$24.95
Media Control: The Spectacular Achievement of Propaganda \$4.00
Necessary Illusions: Thought Control in Democratic Societies \$16.00
Noam Chomsky: Radical Priorities, 2nd edition revised, edited by C. P. Otero \$16.95
On Power and Ideology: The Managua Lectures \$10.00
Pirates & Emperors: International Terrorism and the Real World \$8.95
Reflections on Language \$16.00
Terrorizing the Neighborhood: American Foreign Policy in the Post-Cold War Era \$6.00
Turning the Tide: U. S. Intervention in Central America and the Struggle for Peace \$10.00
What Uncle Sam Wants \$5.00

See Manufacturing Consent: Noam Chomsky and the Media

A film by Mark Achbar & Peter Wintonick at The Brattle Theatre, Harvard Square
Starts Friday for one week only. Info: 876-6837

GET 20% OFF ANY OF THESE TITLES WITH YOUR TICKET STUB!

FREE CATALOG of Government Books

Send for your copy today!

Free Catalog

Box 37000
Washington DC 20013-7000

*****This space donated by The Tech

The MIT Press Bookstore

Kendall Square 292 Main Street, Cambridge MA 02142 617.253.5249

2.70

Introduction to Design

This page, clockwise from right:

Donald L. Cho '93 holds up his trophy for all to see. He will represent MIT along with seven other contestants at the international competition in Tokyo.

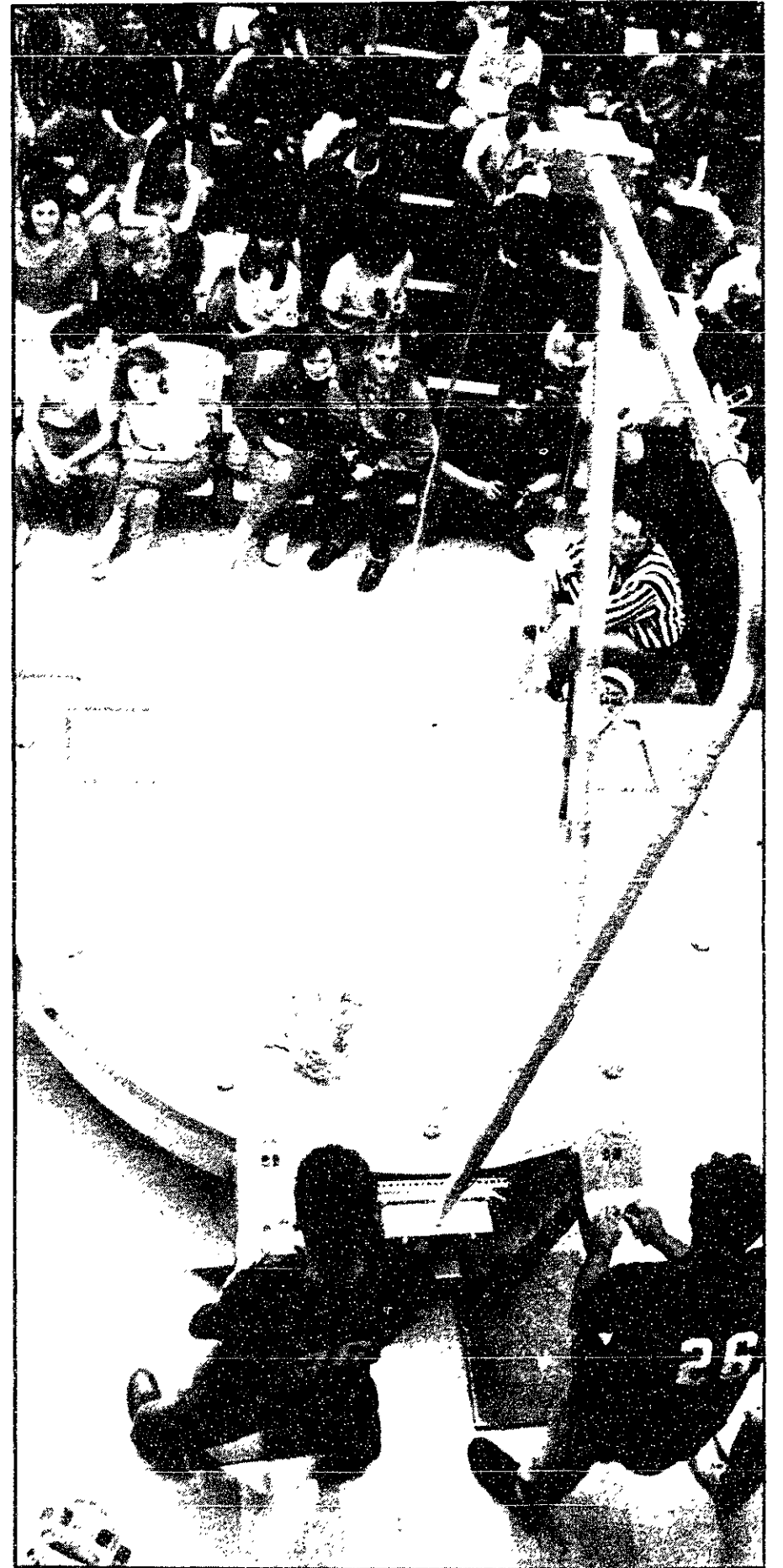
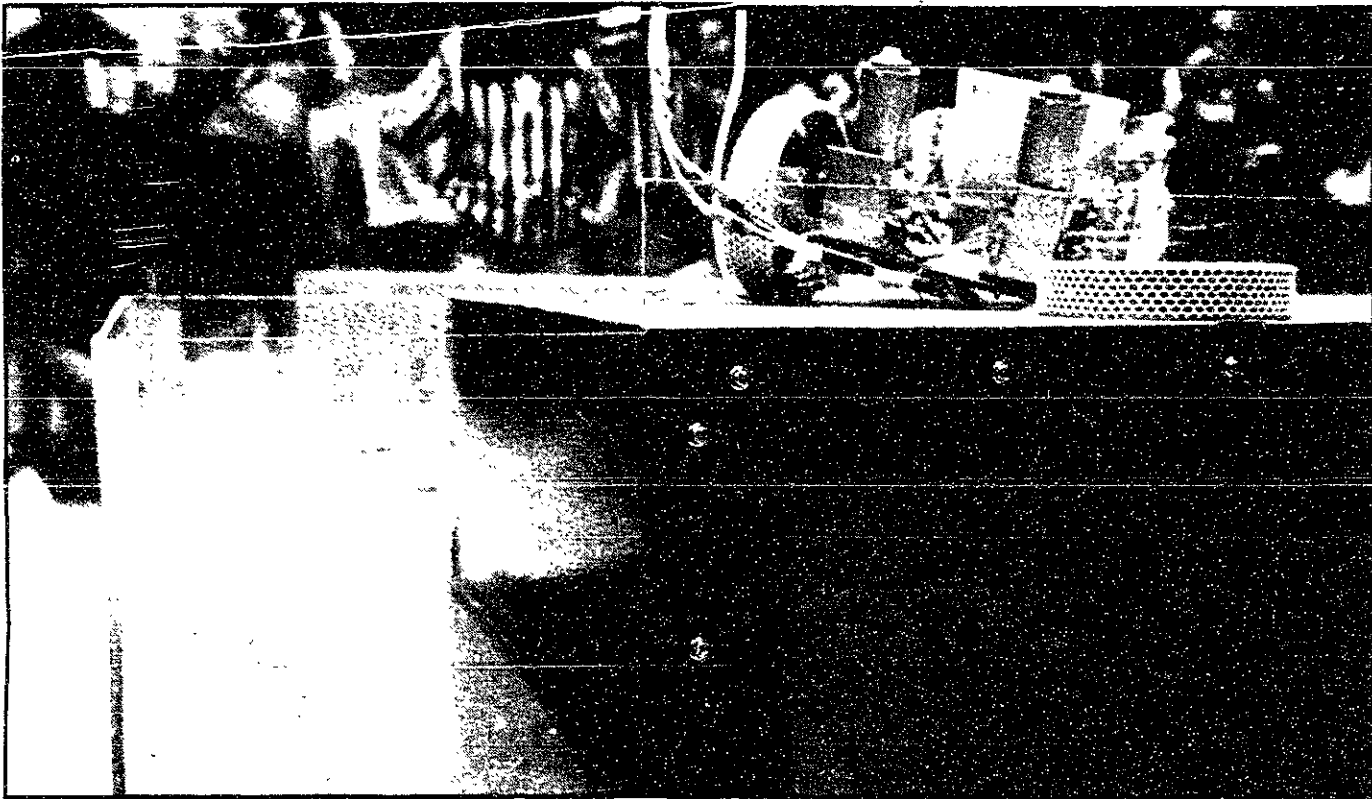
Serge K. Adam '95 competes against Simanta C. Chakraborty '95 in the early rounds of the contest. The objective of this year's competition was to deliver as many cans as possible into a bin in 30 seconds.

Introduction to Design (2.70) professor, Harry West PhD '70, watches a close match between his students.

John Muir Kumph '95 gives his victory a thumbs-up.

The Chorallaries open the competition with a spirited MIT ballad.

One machine loses a wheel after a successful drop.



Photos by
Josh Hartmann
Sarah Wheeler



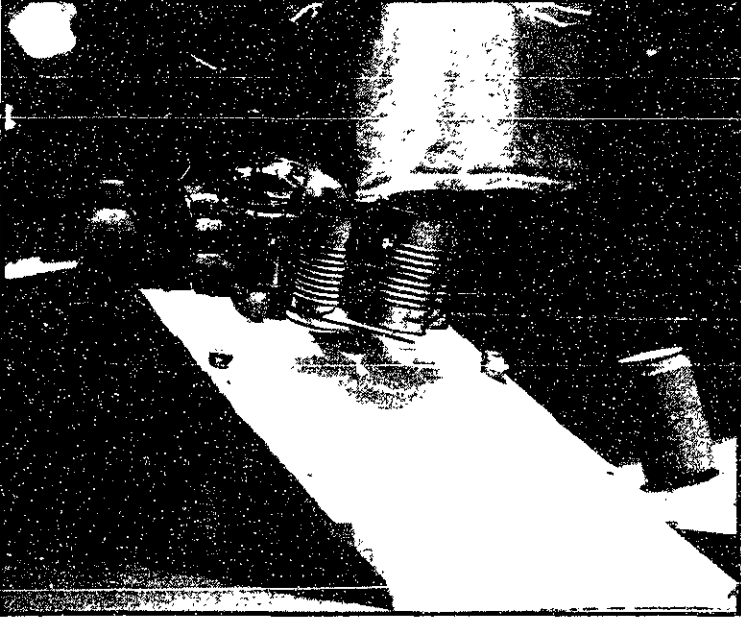
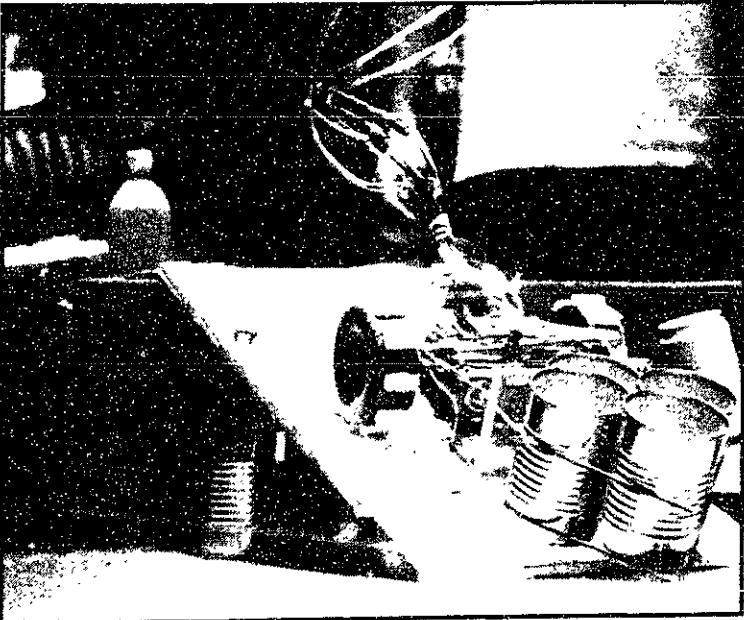


This page, top to bottom:

The audience cries in suspense during the first of eight rounds of the competition.

David A. Brandenburger '95 concentrates on his machine maneuvering, a common difficulty in the contest.

Cho's winning machine drags a load of five-point cans up a ramp before dumping them into the bin.



Eight Students Will Compete in International 2.70

2.70, from Page 1

rounds last night.

The items did not count if they were touching the contestant's machine; this was occasionally a problem when machines fell into the bins. If neither machine put an item in its bin during a round, both were eliminated from the contest.

International competition

The 2.70 contest concept has spread around the world. University students from Japan, England, Germany, and for the first time from

Korea and Brazil are holding similar competitions in their respective countries. This year's winners from around the world will meet in Tokyo this July for an international design competition.

The eight students who will represent MIT in Japan this year include the four semifinalists and four others selected by judges from industry and MIT. The sixth round determined that Cho, Kendrick C. Boardman '95, who came in second, Arthur Fong '95, and Mukund C. Venkatesh '95 would definitely be going to Japan. Professor Harry

West PhD '70, who teaches 2.70, later announced that they would be joined by Andrea L. Jensen '95, Rhonda K. Howard '95, Alfred Hernandez '95, and Dean L. Franck '95.

The international competition is not of the same format as AIFePETE. Instead, students from the different countries will form teams and work on a design project together. It is an exercise in communication, "seeing what it is like to design with people from other countries," said Assistant Professor Kevin Otto, who teaches two sec-

tions of 2.70.

Before the contest began, West emphasized that the course's "primary function is educational," not merely "a show." He said he wanted his students to learn what the design process is and to experience the satisfaction of building a functioning machine. He added humorously that if you do not win it is "not because you're a bad person, it's because of physics analysis in design."

Design strategies

Joseph P. Feehan G, who is a 2.70 teaching assistant, classified most designs as pushers, elevators, and ramps with various modifications. The pushers included wheelbarrows and bulldozers and were "probably safer," less risky designs, he said. In addition, there were one or two machines that grabbed cans and tried to throw them into the bins, he said. "The ramp ones are interesting to watch because there's a lot of action," Feehan added.

Most of the machines were pushers, whose strategy was to remain on the flat top of the U and collect the bottles. Cho's winning machine was based on a ramp-strategy.

During the contest, Otto predicted that the machines that are fast and stay on the flat top of the playing field, gathering as many of the pink bottles as possible, would win. "The bottles are worth a lot, and the bottom is too much of a mess," he said.

John M. Feland III '94, a 2.70 teaching assistant, found this year's game plan "more exciting and interactive" than last year's project. It allowed students "more creativity in design," he said.

Cho said his ramp machine was designed to "beat the dump trucks." He knew that his design would be vulnerable to machines with an arm or similar extension, but he correctly predicted that most people would

design dump trucks, or "pushers," as Feehan called them.

Cho said that it was "mostly luck," because most of his competitor's machines were dump trucks. He added that during the final round, his ramp was broken, so he changed his strategy.

Cho is looking forward to the contest in Japan. "It's great — it gives me something to do this summer."

Venkatesh, one of the other semifinalists, said, "I can't believe this thing worked!"

West said that there were "very high quality machines this year." He was thankful for this year's motor donations from Ford and BGAM because the better motors "helped all the students succeed."

High school students involved

Three teams of high school students from Cambridge Rindge and Latin and Boston Latin also competed against each other in an exhibition match during last night's contest. Students from four high schools had built machines for a similar, smaller-scale contest with the help of MIT students. This was the first year that high school students participated, and the outreach program will be expanded next year, West announced.

"What was so interesting was having high school students involved," West said. He hopes to assimilate them more because these "skills are so fundamental" and should be taught to them. The program will continue to expand, he said.

During breaks before the final rounds, artistic placebos made by local design firms and former 2.70 students were demonstrated before the crowd. Also, Arthur Ganson, a local kinetic sculptor, showed off his machine-sculpture which gave a short performance.

Israeli Independence Day

MIT Hillel is honored to host

Mr. ASHER YARDEN

CONSUL OF ISRAEL

"The Quest for Peace: Israelis and Arabs at the negotiation table"

Friday, April 23, 1993

8:30 pm.

Walker Hall Blue Room (2nd floor)

For more information, call MIT Hillel, 253-2982

Special student and youth airfares.

London.....	\$399
Paris.....	480
Rome.....	655
Madrid.....	597
Frankfurt.....	549
Budapest.....	661
Athens.....	730
Lisbon.....	597
Tokyo.....	859
Sydney.....	865

All fares are Roundtrip.
Tax not included. Some restrictions apply.



(617) 576-4623
65 Mt. Auburn Street
Cambridge, MA 02138

MONDAY, APRIL 26, 1993

10 a.m. - 4 p.m.

Straton Student Center Steps
84 Mass. Ave., Cambridge
(Rain location, Kresge Lobby)

ISRAEL . CELEBRATES . 45 . YEARS!

. Music & Dancing .

. Israeli Foods .

. Exhibits on Israeli Life .

. Mac-in-Hebrew Display .

. Hebrew Calligraphy Display .

. Information on Travel & Study in Israel .

Sponsored by M.I.T. Hillel and M.I.T. Students for Israel
With support from Jewish Student Projects of Greater Boston.
For more information contact M.I.T. Hillel,
312 Memorial Drive, Cambridge. #253-2982
or Dalia Trachtenberg #225-8480

FINGERPRINT IMAGE RECOGNITION SYSTEMS ELECTRICAL ENGINEERING

Seeking individuals with expertise in fingerprint image recognition systems; and electrical engineering. Seeking partners in project involving development of an innovative new product. Will trade equity for expertise. Must be motivated, dependable, and aggressive.

FAX to: (508) 693-3062

Financial Aid Deadlines

Undergraduate renewal financial aid applications for the 1993-94 academic year are due in the Student Financial Aid Office today (Friday, April 23, 1993) in order to receive a financial aid decision before the first Bursar's bills are issued (July 17, 1993).

Applications will be accepted after this date, but applicants will be responsible for making arrangements to pay any Bursar charges until a financial aid decision can be made. Applicants will also be responsible for payment of any finance charges or late fees incurred on unpaid balances.

Applications completed after October 8, 1993 (fall term Add Date) will be designated as late. The consequence of submitting applications late may be reduced grant eligibility. Students unable to meet these deadlines because of extenuating circumstances should notify the Student Financial Aid Office as soon as possible. The final deadline for students registered for only the spring term is March 4, 1994 (spring term Add Date).

Tewhey Denies Harassing Nolan

Tewhey, from Page 1

mal grievance with the personnel office. He declined to say who the colleague was who harassed him, nor would he describe the nature of the hostile work environment.

"I am confident that once the investigation of this charge is completed it will be proven that a hostile work environment was created at MIT which made it impossible for me to perform my duties," Tewhey said.

Joan F. Rice, the director of the personnel office, could not comment on whether a complaint was filed.

"He has some problems I think he needs to address at this time," said Provost Mark S. Wrighton, who accepted Tewhey's resignation. "I think he has made the commitment to resolve them. I think he has done the right thing for himself and for MIT."

Nolan alleges over 25 incidents

In the affidavit, Nolan said Tewhey harassed her over 25 times, detailing several incidents. Nolan did not return telephone messages left at her home yesterday. Her lawyer Wednesday said Nolan stands by her affidavit made to the Newton court.

In one incident, Tewhey allegedly appeared from a remote side street in Cambridge as she was leaving work in her car the evening of April 6. He pulled his vehicle very close to the right side of her car while waiting for a traffic signal. Nolan said that at this point, the encounter violated Feb. 22 Campus Police cease and desist orders forbidding contact between the two of them.

She continued: "I took a left hand turn through the red light to avoid him, and he followed taking a left turn from the right lane until I pulled over in proximity of an MIT Campus Police station." She added that similar behavior occurred since

September 1992.

She also said that on Dec. 18, 1992, Tewhey waited in the parking lot and approached her as she entered her car. "He admitted he was timing his departure to run into me and talk and see me. He also stated he was so madly in love with me that he lived his life from one moment he saw me to the next," she wrote in the affidavit.

Eisenmann assumes duties

Assistant Dean for Student Affairs Andrew M. Eisenmann '75 was handed Tewhey's day-to-day duties as head of the residence and campus activities section yesterday, according to Kenneth D. Campbell, director of the news office. Associate Dean Robert M. Randolph will assume overall responsibility for Tewhey's department while Dean for Undergraduate Education and Student Affairs Arthur C. Smith is on vacation.

"This is a difficult situation for all of us," Randolph said in a statement to housemasters. "Jim has made major contributions to the MIT community that have made this a better place."

A search for Tewhey's permanent successor will not begin until Smith returns from vacation next week, Campbell said. Undergraduate Association Floor Leader Raajish A. Chitaley '95 said he was confident that students would serve on that search committee.

"I think the students will be well-served in the future as I think they have been in the past," Wrighton said. "I hope we can continue to provide the services we have in the past."

Management style questioned

Past and present employees who worked under Tewhey offered conflicting opinions of Tewhey's man-

agerial ability before news of Tuesday's resignation spread.

Humanities lecturer Ann Russo has dealt with Tewhey on a number of occasions as a lecturer in the Women's Studies Program. "There's been a number of students and staff who have come to me with a number of problems they've had dealing with Tewhey," she said, adding that she felt many harassment cases were not handled properly.

"He did some inappropriate management things," said Adam Goodie, a former Dean's Office assistant who worked in the Undergraduate Association office. "He had very little contact with me, which bugged me."

But Mary Ni, assistant dean for student affairs, tells a different story. "I did hear from some people that he wasn't a good boss," she said. "My personal assessment is that I think he's pretty good. I have found him to be very fair and thoughtful. His managerial style is loose, but I don't find it terribly problematic."

Although sources said formal complaints were made regarding Tewhey's management procedure, Wrighton said he was not aware of those concerns and would not comment on personnel matters.

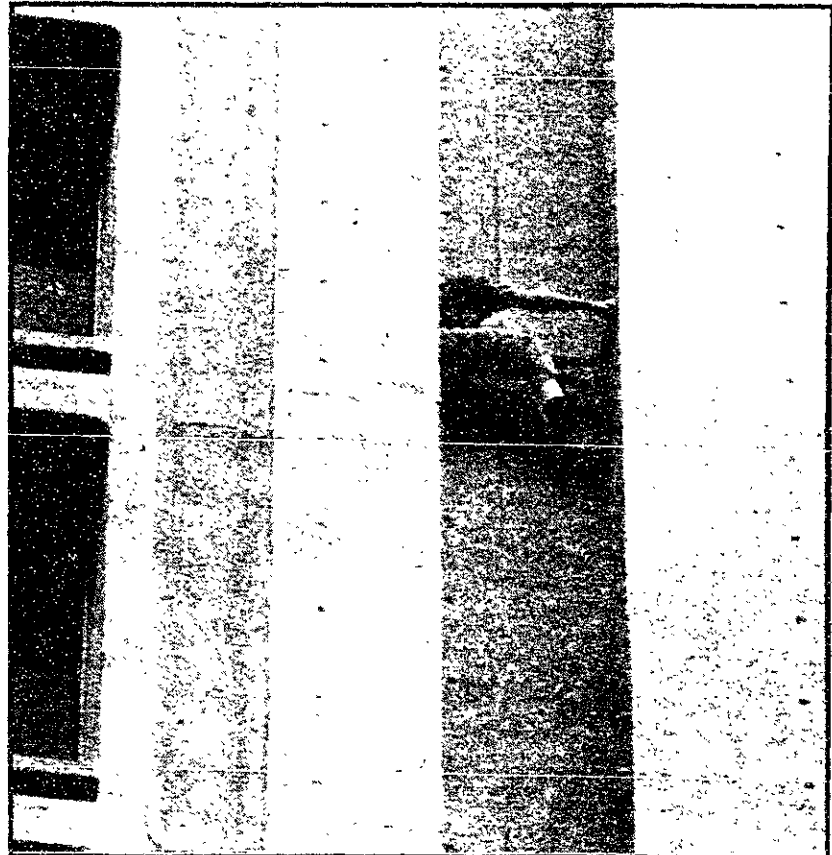
"I suspected MIT's plan was to get him out as soon as possible," said one source who has worked with Tewhey. "It looks better for him to resign than be fired. I don't think he stands any chance of getting a student affairs position in Boston. It was a *fait accompli* that he was going to leave," said the source, who requested anonymity.

(Editor's note: Hyun Soo Kim and Garlen C. Leung contributed to the reporting of this story.)

Tewhey's Statement

The following is the text of a statement by James R. Tewhey, former associate dean for student affairs.

On April 20, 1993, I offered to resign my position as associate dean for student affairs at MIT. Due to the existence of a court order against me, and to the hostile work environment created by harassment by a professional colleague, I felt my position was untenable. I now know personally how damaging and dangerous harassment can be, and I never have and never would engage in activities that could be defined as harassment. In March of 1992, I activated a formal grievance that I had filed with Joan Rice, the director of personnel at MIT. I am confident that once the investigation of this charge is completed it will be proven that a hostile work environment was created at MIT which made it impossible for me to perform my duties. For the past nine months, my sole priority has been to try to prioritize time with my family and in some way to make up for the pain I have caused my family.



Kristoffer H. Pfister '93 scales the Green Building Friday.

SOLUTIONS

Puzzle, Page 8

ROSTERS	RELATES
ECHOLON	ERUDITE
STAMINA	MACABRE
TOM	ADIPPOSE
ABBR	OLIVE
RELAY	SKI
TREPAN	INDIANAS
ALLOTTED	RETARD
MEARA	AUS
BART	ETATS
IRA	ASHLAND
ENMASSE	MORTISE
NEITHER	PRANCER
TREMENS	SETTERS

TOP TEN SCARIEST PEOPLE ON EARTH

10. Prune-eating Sumo wrestler.
9. High-rise window cleaner with bladder problem.
8. Near sighted knife juggler.
7. Megalomaniac Third World Dictators.
6. Grown men named "Biff."
5. Heavily armed hot dog vendors.
4. Carsick brother in the seat next to you.
3. Brain surgeon with hiccups.
2. Anyone with a cranky disposition and a chainsaw.
1. People who offer you drugs.

This space donated by The Tech

\$1 off



ANY BURRITO GRANDE

Limit one per customer

149 FIRST STREET
CAMBRIDGE
354-5550

Expires 5/1/93

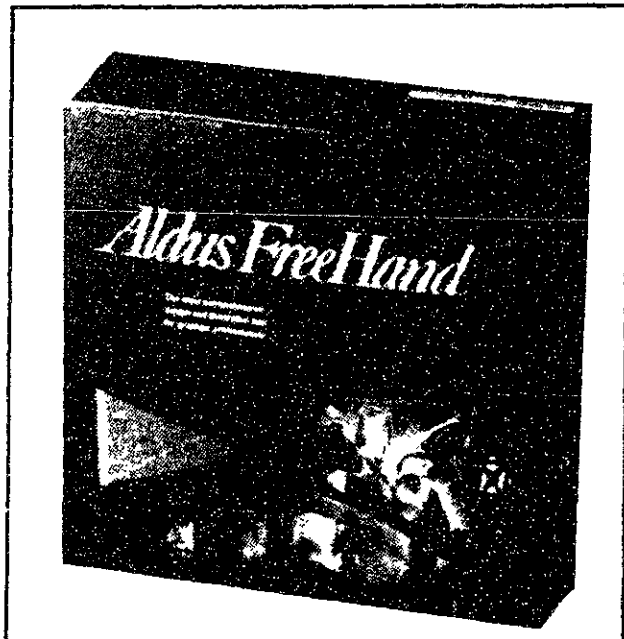
Imagine what da Vinci could have done with one of these!



Aldus® PageMaker®. World Leader in Page Layout Software.

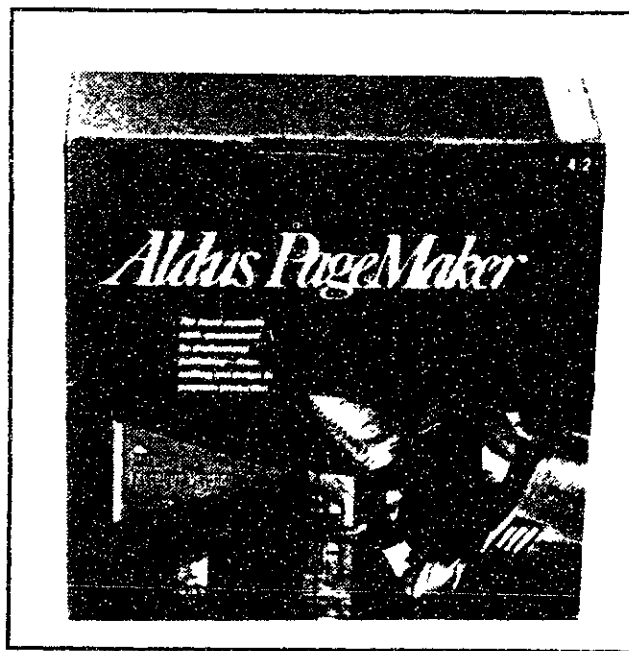
Aldus PageMaker is the most flexible, intuitive, and reliable work environment for writing, designing, and producing professional-quality printed communications. Use it for designing and producing any publication, black-and-white or color; business reports and newsletters, design-intensive magazines and catalogs, multichapter books and technical manuals.

\$150



COOP AT KENDALL
3 CAMBRIDGE CENTER
M-FRI 8:45-7 THUR TIL 8:30
SAT 9:15-5:45

Aldus® Gives You the Creative Edge in Business.



Aldus® FreeHand®. Dedicated to Design and Illustration.

Aldus FreeHand combines an elegant interface with exceptional power to give you the easiest-to-use software for creating high-quality graphics. It's the most comprehensive design and illustration tool you can use - from rough sketches to full-color production. Use it for anything from logos and forms to marketing and advertising collateral, technical illustrations and product packaging to fine art and textile design, information graphics to games and maps.

\$109.95

University ID required for purchase.

the
Coop
THE VALUES ARE CLASSIC



SO THERE'S ONLY A FEW WEEKS LEFT.
YOU'RE PROBABLY WORKING ON THAT FINAL PAPER,
PROJECT, LAB OR THESIS FROM HELL. SO WHAT. BLOW OFF
YOUR WORK. DON'T PLAY TETRIS, MINESWEEPER, NETTREK OR
STREET FIGHTER. PUT THE SEGA AWAY.
GO RUNNING, SAILING, PLAY FRISBEE, LAY OUT IN THE
GRASS, HANGOUT IN THE SQUARE, EXPLORE THE CITY.
IT'S SPRING! BE SPONTANEOUS! DON'T WAIT!

SKIP CLASS & GO OUTSIDE!

RUNE

The MIT Journal of Arts and Letters

Announces
a public reading
from 14RUNE

Thursday, April 29
7:30 pm

Bartos Theater of the MIT Media Lab
20 Ames Street
Cambridge, MA

Free and open to the public

For more information, contact
Leelila Strogov at 225-1527

The Mile, Inch, Degree, Second, and other Mysteries
The seconds in 10 days equal the diameter of the sun in miles. The number of square inches in 40 acres is the radius of the Earth in inches. By chance? Articles probe topics from ancient history through modern science; reveal surprising connections. Topics for entertainment or your original research. Write to SGM Publ., Box 181T, Bound Brook, NJ 08805. Call 908-281-9858; 24 hrs.



AMERICAN
CANCER
SOCIETY

DIPPING IS FOR DIPS.
DON'T USE SNUFF OR CHEWING TOBACCO.

This space donated by The Tech

MIT
THE EMILE BUSTANI MIDDLE EAST LECTURE
Presents

LAMIS ANDONI

Neiman Fellow
Harvard University

Journalist, Amman, Jordan

**"THE ARAB-ISRAELI PEACE PROCESS:
WHAT CHANCE FOR A BREAKTHROUGH?"**

TUESDAY, APRIL 27, 1993
4:30 - 6:30 pm
E51-004
70 Memorial Drive
Cambridge, MA

OPEN TO THE PUBLIC

Sponsored by the Center for International Studies

airline freight services, inc.

4 Eagle Square
East Boston, MA 02128
(617) 569-5990

Ship Your Personal Effects Home

- Cartons available for Sale
- Reasonable Rates
- CODs acceptable
- Free Pick-up Service

Call for Quotations or Information (617) 569-5990
8 a.m. - 7 p.m. Mon. - Thu.
8 a.m. - 11 p.m. Friday

Would you like to be one of

THE HAPPY FEWTM ?

Are you young (18-40) and college-educated? Are you seriously searching for love? We offer self-descriptive essays written by people who are, like you, looking for true love and companionship. You decide whom to contact.

Whether you are . . .

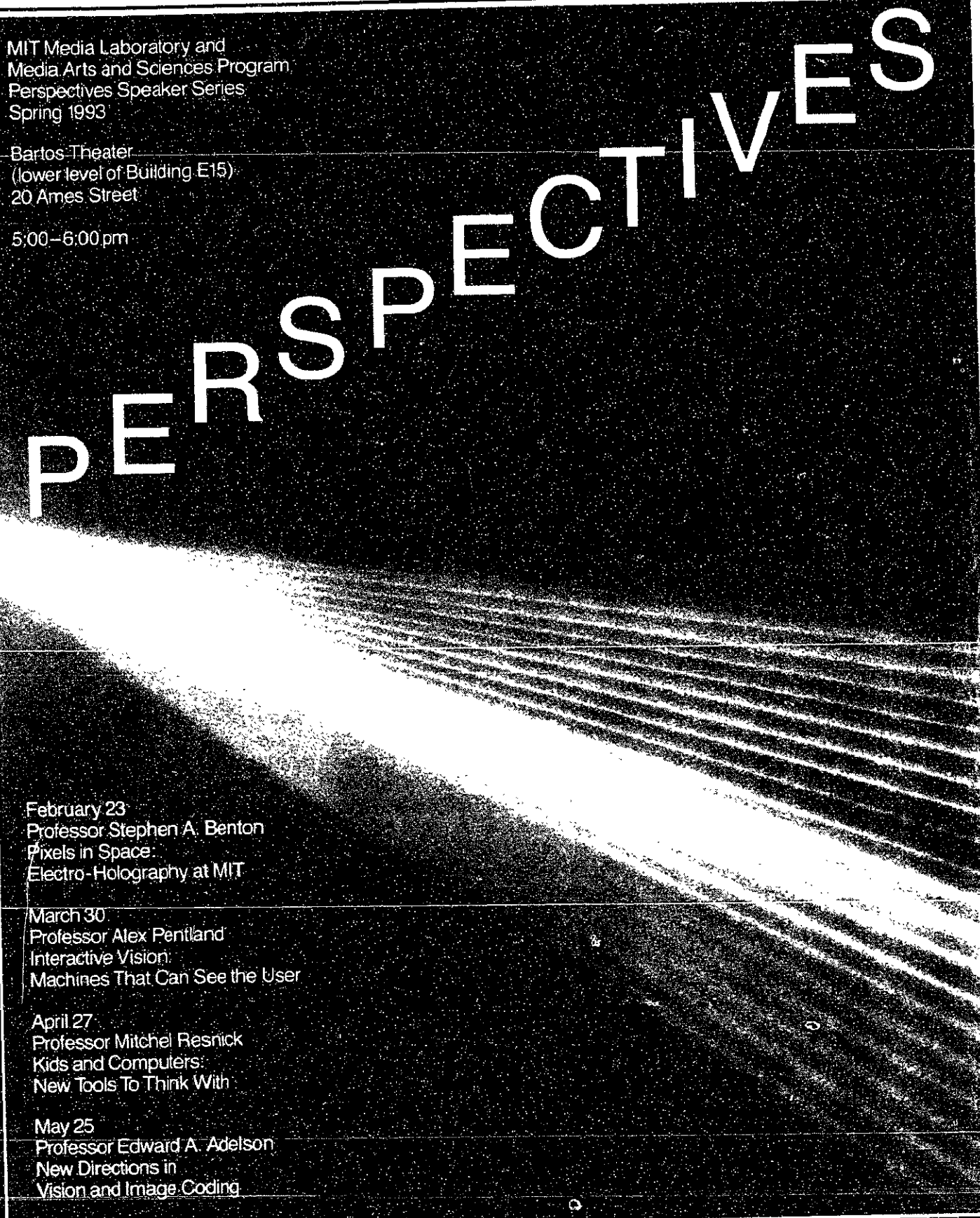
- a man seeking a woman,
- a man seeking a man,
- a woman seeking a man, or
- a woman seeking a woman,

The Happy Few is a decent, confidential, and intelligent way to discover your perfect love. For details, send a stamped, self-addressed envelope to: Dept. MT, Box 382805, Cambridge, MA 02238.

MIT Media Laboratory and
Media Arts and Sciences Program
Perspectives Speaker Series
Spring 1993

Bartos Theater
(lower level of Building E15)
20 Ames Street

5:00-6:00 pm



February 23
Professor Stephen A. Benton
Pixels in Space:
Electro-Holography at MIT

March 30
Professor Alex Pentland
Interactive Vision:
Machines That Can See the User

April 27
Professor Mitchel Resnick
Kids and Computers:
New Tools To Think With

May 25
Professor Edward A. Adelson
New Directions in
Vision and Image Coding



The Massachusetts Space Grant Consortium

presents the
fourth annual public lecture

Mr. Aaron Cohen

Director

Lyndon B. Johnson Space Flight Center

"The Horizons Ahead: Opportunity and Challenge on the Final Frontier"

Monday, April 26, 1993
Building 26, Room 100
2:15 pm

Pats to Draft Mirer; Chiefs Gain in Montana Trade

By Mike Duffy
and Andrew Heltner
SPORTS COLUMNISTS

We begin our column with greetings and salutations to the following MIT athletics alumni who will be on campus this weekend: Alex Virgilio '92 and Chris Sonne '91, basketball; Will Scruggs '92 soccer; Vic Antaramian '92 and John Springsteen '91, rugby; Ken Chay '91, Lacrosse; Nathan Cultice '92, baseball; Tom Aviv '91, crew; and Steve Hao '92 and Mike Rehtin '89, swimming.

With the NFL Draft coming up this Sunday, we present a "needs" list for the top five drafting teams as well as our own predraft analysis:

1. New England: Quarterback, offensive line, wide receiver, logo, etc. You name it the Patsies need it. If they do keep this pick (and don't trade it to San Francisco), look for Parcells to take Notre Dame QB Rick Mirer.

2. Seattle: An offense. The 'Doves will take Drew Bledsoe, a QB from Washington State. Bledsoe should keep fans interested in the Pacific Northwest, as he is a local boy.

3. Jets: Offensive line, line-backer, and running back. They will take Willie Roaf, an offensive tackle from Louisiana Tech. He impressed scouts at Indianapolis enough to move him ahead of Lincoln Kennedy.

4. Phoenix: Offensive line, defensive backs: Joe Bugel covets Washington OT Lincoln Kennedy

and is not at all worried about his ballooning up to 380 this past winter.

5. Cincinnati: Wide Receiver and a defense: Shula will reach back to his roots and take defensive force Eric Curry of Alabama.

Even though we feel the Patsies will pick Rick "Not an ad" Mirer, if they really want a solid quarterback they should draft Bledsoe. At 6 feet 4 inches, 220, Bledsoe is more of the prototype NFL QB than Mirer is. Mirer got a lot of exposure playing on NBC all year and was fortunate to be surrounded by great talent, unlike Bledsoe (many apologies to the Cougar faithful out there in Spokane) who was flanked by mediocre players at best. Bledsoe is more confident staying in the pocket (a trait needed by all NFL QB's outside of Randall and Young), has a stronger arm, and has comparable speed (although he is not quite as mobile). If New England really wants Mirer, they should swap positions with Seattle (who lust after Bledsoe) and acquire a later round draft pick of the 'Doves in the process. If your humble scribes were at the helm of the Patsies, we would select Eric Curry since he is the best player in the draft (apologies to Marvin Jones of FSU) and the most likely player to dominate a game next year. The Pats would be better off spending the dough to acquire free agent Steve Beurlein or some other QB to fill the gap for a couple of years.

Of course all of this will change

if the Pats move their first pick to San Francisco in exchange for the 17th, 27th, 52nd, and 81st picks owned by the Niners. Though tempting, we advise against it as the Pats need an impact player (which they can get by not picking the likes of Eugene "Everybody Wang" Chung) in order to fill the Stadium and make Foxboro, once again, one of those places that sends shivers down opponents' spines. The trade the Niners recently completed with Kansas City turned out to be a good one for the Chiefs. Not only do they get the starting QB they need, but they also managed to weasel a defensive back and a draft pick from the Niners. With a dominating defense and a weak division, Montana will lead the Chiefs to a place Dave Krieg can only dream of.

Other thoughts: If you scan over the needs list of all the worst teams, you will see a common ingredient: offensive linemen. They are the most underrated players on the field, yet they are vital to a team's success (see Detroit Lions 1991 vs. Detroit Lions 1992). Teams are starting to realize this, as is evidenced by the fact that there was a great deal of money being thrown in front of free agent linemen this past winter...

If the NFL is so foolishly go to pay per view, we would like to see them utilize the concept developed by ABC for college football last autumn. This would be ideal for NFL hungry fans. People in New England could watch the end of a Buffalo-San Francisco thriller instead of laboring through the Patsies-Rams 'game'...

Continuing our coverage of cricket, the most popular sport of the Caribbean, we lamentably report the retirement of English superstar Ian Botham. In a brilliant 19-year career with Durham, the "Pirate of the Pitch" scored 5,200 runs, captured 383 wickets, diddled 754 minges to a thumb, and, on defense, trapped 148 "holes in a box." Hard to believe that the 37-year-old all-rounder did this in only 102 matches.

A lucrative career in color commentary is likely to follow...

Bonehead play of the week

To Wayne Huizenga and the front office of the latest NHL expansion team for naming the team the South Florida Panthers. Not only do panthers have nothing to do with Miami, but it is always bad luck to name your franchise after a defunct USFL team. Your humble scribes send in our vote for the team to be called the Miami Humidity, so sportswriters in Little Havana could use the catchy phrase "The Heat is not too bad, but the Humidity is terrible."

Berman's nicknames of the week

Alex Medina '92 writes to us requesting that, since most of the MIT population does not have ESPN (yet), we keep him and our faithful followers abreast of the latest Chris Bermanisms. Never denying a request from a fan, we kick off this feature with some of Alex's favorites: Bruce "Two minutes for" Ruffin, Al "Cigarette" Leiter, Bob "Intentional" Walk, Bert "Be home" Blyleven, Jim "Frito" Leyritz, and John "I'm not a" Kruk. This feature will take the place of the Globe gem of the week. We've decided to lay off the Olde Towne "writers," as we will be hob-nobbing with Bob, Dan, and Mike in the press box at Fenway this season.

Race For Futility

Dallas: 9-70
Baltimore, Kansas City, and Cincinnati: Last place

The Mavs are three losses away from tying the futility record held by the Sixers. Meanwhile, comparisons to the *Sports Illustrated* jinx are being made as the teams *Let's Argue* picked for contenders are currently buried at the bottom of their respective divisions.

Where are they now?

Famous Chucks
Chuck Tanner, Chuck Muncie,

Chuck Foreman, Chuck Howard, Chuck Taylor, Chuck Connors, Chuck Bednerick, Chuckie Brown, and Dave Howerchuck.

Trivia question of the week

This week's question comes from our man on the prairies, Pat Moriarty in Atchison, Kan.: What teams were moved to form the following major league baseball teams: Milwaukee Brewers, Atlanta Braves, Minnesota Twins, Texas Rangers, and Baltimore Orioles? Send answers, comments, and favorite Bermanisms to sports@the-tech.

Answer to last week's question: the Colorado Rockies. Kudos to Alex Tapia '96, Matthew Olsen '93, Nick Ulman, Lester Hui, Pat Moriarty, and Jonathan Sigman '95, who is duking it out with Geno Torres '93 for overall trivia supremacy. All winners (except Pat, whose prize will be collected by son Dan Moriarty G) win a free night and entertainment at the next Sloan Consumption Function. Just show up at Walker Memorial with a healthy supply of Chapstick and resumes.

Rumblings from around the 'Tute

Matthew Olsen '93 writes: "The Colorado Rockies moved to New Jersey and changed their name to the Devils. But, O Journalistic Sports Studs, who moved to Colorado to become the Rockies?"

Although it is pushing it to call us journalistic, Olsen stumped us. For our answer we turn to Pat Moriarty: "Answer is Kansas City Scouts to Colorado Rockies to New Jersey Devils." He also sends us the best first years for expansion teams: Los Angeles Angels (1964) 70-91, Kansas City Royals (1969) 69-93, Houston Coits (1962) 64-96, Seattle Pilots (1969) 64-98, San Diego Padres (1970) 63-99, Washington Senators (1961) 61-100, Toronto Blue Jays (1977) 54-109, Montreal Expos (1969) 52-110, and New York Mets (1962) 40-120.

Polo Team Shows Improvement

By Darren Castro

Despite losing all three matches at last weekend's water polo tournament at Brown University, the MIT women's water polo team showed great improvement from play earlier this season. The team lost 17-4 to Wesleyan College, 8-6 to the University of Massachusetts Amherst, and 12-6 to Harvard University.

MIT was led by the four most experienced players: Maroula Bratakos '93, 2 goals, 1 assist; Barbara Hayes G, 3 goals, 2 assists; Cheryl Klepser G, 5 goals, 2 assists; and Amy Smith G, 5 goals, 1 assist.

In the first match, against a veteran and speedy Wesleyan team, MIT's inexperience showed as the defense took too long to set up following a turnover while the offense sputtered. However, in the second match, MIT played much better

while attempting to avenge a 9-5 loss earlier this season to the same UMass Amherst squad.

The teams played a competitive first half that ended in a 3-3 tie when goalie Smith scored from just beyond half-pool as time expired. At the start of the fourth quarter, however, the Engineers found themselves trailing 5-4. They tied the count at 5-5 with 5 minutes, 29 seconds left when Klepser scored from the hole. UMass tallied the next two goals to pull ahead, but MIT fought back to within one at 7-6 with 2:11 to go in the game. But that was all the scoring MIT would have, and UMass notched the clinching goal with under a minute to play.

Sunday morning saw a spirited match with MIT's rivals from Harvard. Again, the Engineers were facing a team from a college that

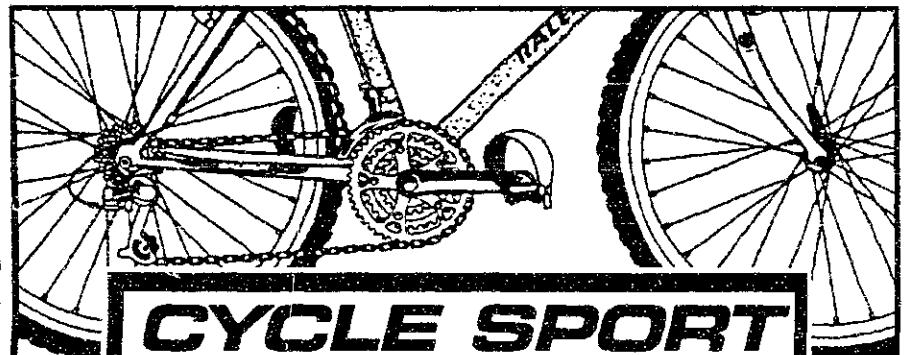
actively recruits water polo players. Nevertheless, MIT managed to stay competitive for the entire match. The Engineers got on the scoreboard first, only 25 seconds into the match, on a goal by Bratakos. However, at half-time, because of a 3-0 Harvard run in the second quarter, the Crimson had taken a 5-2 lead.

After the teams traded goals during the third quarter, Klepser scored her third goal of the game one minute into the final period to pull MIT back within three at 9-6. But Harvard dominated the last five minutes of the game and went on to post the 12-6 win. Janet Woods '95 played a strong game in goal, facing 26 shots, many of which came on 2-on-1 or 3-on-1 breakaways. She also stopped a penalty shot from the 4-meter mark at the very end of the first half to keep MIT close.



Claudia Hung '93 whips her Wellesley opponent at her last home match Wednesday.

RICH DOMONKOS—THE TECH



CYCLE SPORT

Boston's 1st Bicycle Superstore

20-50% Off All '92 Bikes!

Over 1000 Bikes In Stock!

MOUNTAIN BIKES		CROSS BIKES	
Marin Muir Woods \$409.00	\$299 ⁹⁵	Raleigh Capri CX \$240.00	\$189 ⁹⁵
Marin Palisades \$480.00	\$349 ⁹⁵	Raleigh Dash Plus \$340.00	\$249 ⁹⁵
Marin Bear Valley SE \$625.00	\$499 ⁹⁵	Raleigh Dash AL \$490.00	\$399 ⁹⁵
Bridgestone MB 6 \$420.00	\$349 ⁹⁵	Bridgestone X03 \$380.00	\$299 ⁹⁵
Bridgestone MB 5 \$520.00	\$449 ⁹⁵	Haro Alpha \$500.00	\$399 ⁹⁵
Raleigh Traverse \$450.00	\$224 ⁹⁵	Quantum CMX 500 \$350.00	\$299 ⁹⁵
Raleigh Tangent \$560.00	\$429 ⁹⁵	Quantum DPX 700 \$550.00	\$399 ⁹⁵
Raleigh Heat \$660.00	\$499 ⁹⁵		

With Purchase Of Any Bike!

FREE

High Security U-Lock
With Bracket & \$500 Guarantee
OR
LT 550 Bicycle Helmet

Bonus! 10% Off All '93 Bikes

U-Lock With Bracket & \$500 Guarantee Reg. \$30.00 \$19⁹⁵ Save \$10	InSport Race Pace Shorts Reg. \$40.00 \$29⁹⁵ Save 25%
25% Off All Winter Clothing! Choose From Bellwether • Pearl Izumi • Descente	LT 550 Helmet Ansi & Snell Approved Lightweight EPS Construction \$19⁹⁵ Save \$20 Reg. \$40.00
10-60% Off All Cycling Shoes Choose From Diadora • Nike • Time • Look • Shimano	WE TAKE TRADE-INS ON BIKES!

CYCLE SPORT

Cambridge 1771 Mass. Ave. (between Harvard and Porter Square)
(617) 661-6880 • Open 10-8 Mon.-Fri.; 9:30-6 Sat.; 12-5 Sun.
MasterCard • Visa • American Express

Rugby is Grad League Champ

By Eric Oliver

The rugby team won the graduate league championship after trouncing Harvard Business School 46-0 on April 14. This match was a one game playoff which became necessary after both teams finished 8-1 last fall and split their head-to-head series at one game apiece. Both teams displayed a high level of intensity since the winner would automatically qualify for the national championship tournament.

The game started with a couple of impressive runs by the Harvard squad, but it was the MIT pack that rose to the occasion. Strong forward play kept the ball deep in Harvard territory until a pass by Chevy Viathananthan G to T.J. Cradick G resulted in Cradick plowing over the end line for the first try. Chris Perry G split the uprights to increase the score to 7-0. With momentum on

their side, the Beavers continued to create problems for the Crimson, and soon Mark Johnson G was out-running the Harvard backs into the try zone for another score. Perry's subsequent conversion kick resulted in a 14-0 lead.

Sensing the game slipping away from it, the Harvard squad increased the intensity, pushing the ball into MIT territory. However, Harvard was unable to put the ball in the try zone so the Crimson tried to get on the scoreboard with penalty kicks. But the first two attempts were unsuccessful, and MIT finished the half with a try of its own, making the halftime score MIT 21, Harvard 0.

During the second half, a relaxed MIT team continued to dominate the frustrated Harvard offense. The forwards kept control of the scrums and line-outs, Viathananthan and Steve Eikenberry G cleaned up any

Harvard fringe players coming out of the pack, and all of the backs made spectacular open field tackles. On offense, the MIT forwards rucked hard, and the backs displayed textbook passing and running, and after a final try by Guy DeBelle G, the game ended with MIT on top 46-0.

Riding high on excitement, the B-side took the field and started its game with a quick try in the corner by Matthew Cutler '95. Cutler's conversion kick, at a difficult angle, made the score 7-0, and the Beavers spent the rest of the game building on this lead. The forwards pushed the ball up the field time after time, and the backs, led by scrum half Pee Wee Meyer '95, had a field day running and passing through the Harvard defense. When the dust cleared, the B-side earned a solid 35-0 victory.



Joseph Prim '95 (#18) and Phillip Donchek '96 (#8) struggle with their Mass. Maritime opponents at Wednesday's game.

Crew Teams Perform Well Against Ivy Powerhouses

By Jonathan LI
and Michael Chung
TEAM MEMBERS

The heavyweight crew returned from Princeton University this weekend after racing Harvard University and Princeton. The varsity first boat had the strongest race of the day, finishing only four seconds off of Princeton and ten seconds behind Harvard.

Traditionally, the Engineers first boat is no match for the likes of Princeton and Harvard, but this year, despite a slow start after which MIT was down by open water to both Harvard and Princeton, they were able to move back on Princeton and stay with them until reaching the finish line.

The varsity second boat had a solid race with a very fast start, keeping even with Harvard for the first 500 meters of the race. Unfortunately, the crew lost to Harvard by 26 seconds and to Princeton by 14 seconds. The varsity third boat rowed well in its race, but lost to Harvard by 40 seconds and to Princeton by 34 seconds.

The first freshman boat had a good start and stayed with Harvard and Princeton in the beginning of the race. However, the Princeton crew bolted quickly ahead of both Harvard and MIT to finish 6 seconds ahead of Harvard and 26 seconds ahead of MIT. In the second freshman race, Princeton again rowed to an early lead and finished 11 seconds ahead of Harvard and 35 seconds ahead of MIT.

Lightweights meet Ivy opponents

This past week, the men's lightweight crews rowed exclusively against Ivy League schools, always formidable opponents. On April 14 Harvard University's crews crushed the Engineers. The closest race was between the first varsity boats, a contest which Harvard won by a fifteen-second margin.

First boat coxswain Otway Louie '93 noted that his boat held reasonable ground against Harvard in the first half of the 2000-meter race. However, Harvard was able to pull away strongly later in the race because of their greater strength and

fitness.

Nevertheless, the lightweights took to the road on Friday morning with the intent of beating Columbia University and rowing competitively against Cornell University, last year's Eastern Sprints Lightweight Eights champion.

In the first two races, the first two freshman boats lost decisively to Columbia, who themselves lost decisively to Cornell.

The next race pitted each school's second varsity boat. Rowing in light rain, in a steady current down a canal inlet from Cayuga Lake, the Cornell boat won its battle with Columbia, leaving MIT a distant third.

In the final race, the Cornell first boat defeated MIT by a twelve-second margin, and Columbia finished last. As it turned out, the Columbia first and second boats rowed the race in the exact same time. As against Coast Guard, the MIT second varsity faced the challenge of rowing the equivalent of each school's first boat.

Mildly frustrated and disappoint-

ed with the past two races, the MIT lightweights took to the road and traveled to New Haven, Conn., determined to make a strong showing against Yale University, traditionally a strong force in top-level collegiate rowing.

When racing day came, although the MIT freshman boats lost to Yale by significant margins, the performances of the MIT varsity boats were quite respectable.

The second varsity race took second place, with Yale's third varsity racing alongside. Although Yale's second varsity pulled out

ahead and dominated the contest, a close battle brewed between the other two boats. At the 1000-meter mark, MIT took a power-twenty and made up significant ground to both Yale boats, pulling ahead of Yale's 3V by a two-seat margin.

Unfortunately, MIT's lead slipped away during the last 500-meters, losing to Yale's 2V by nine seconds and their 3V by about seven seats, or two seconds. Boat member Kenway Louie '93 said, "Our boat exhibited a level of composure and determination not seen yet this season."

Taking the LSAT?

THINK

your way
to the right
answer.



To get your *highest possible LSAT score*, you must:
Discern the point and logic of arguments. Explain what you read. Understand how rules order and limit the universe. Construct a written position.

**THINKING
VS.
CRACKING**

Other companies say that you can ace the LSAT with gimmicks and short cuts—and a trick called "cracking." They're wrong. On the LSAT, you will not be rewarded for cracking. You will be rewarded for thinking.

These are the *thinking skills* required of a legal mind. Skills tested by the LSAT. Skills taught by Kaplan. And only Kaplan.

Call us to sign up for intelligent LSAT Prep

1-800-KAP-TEST

KAPLAN
The answer to the test question

**Thomas
Cook**

★★★★★
RATED BEST!
by Condé Nast
Traveler Magazine
★★★★★

1 BROADWAY, CAMBRIDGE

THOMAS COOK is an official authorized agent for all airlines and there is **NO EXTRA CHARGE** when you pick up your tickets at THOMAS COOK!

IF YOU'RE TRAVELING ON ANY OF THESE AIRLINES . . .

American, United, Continental, America West Delta, TWA, Northwest, USAir, British Air, Qantas, Air Canada, Iberia, Lufthansa, Swiss Air, Air India, El Al, Icelandair, Alitalia, Aer Lingus, Viasa, or even shuttle flights.

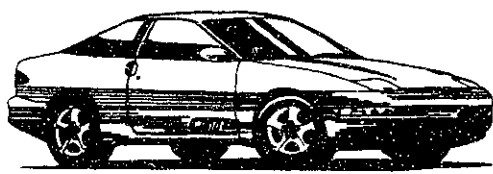
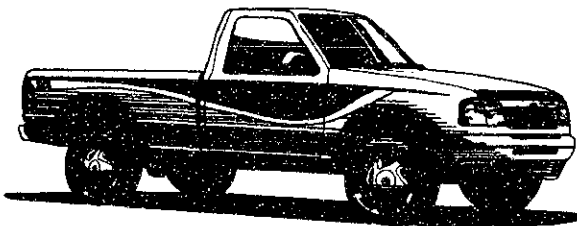
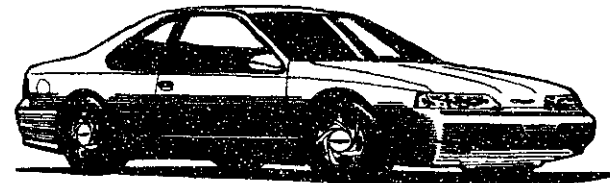
**AVOID LONG LINES AT THE AIRPORT,
MAKE YOUR RESERVATIONS AND
PICK UP YOUR TICKETS AT**

**Thomas
Cook**

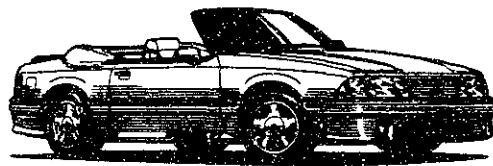
Open Mon.-Fri.
8:30 am-5:00 pm

1 BROADWAY, CAMBRIDGE

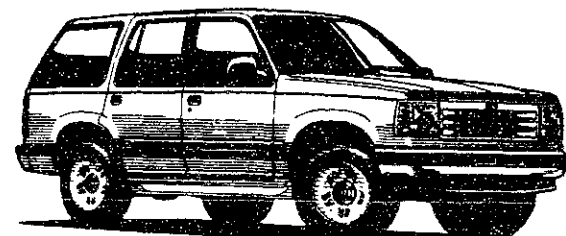
868-2666

*Probe**Ranger**Thunderbird*

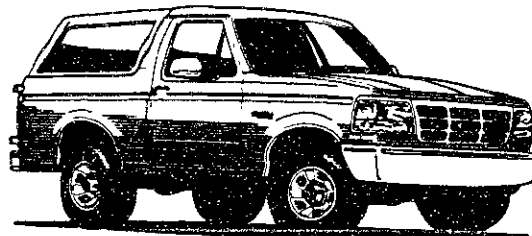
MAGNA

*Mustang**F-150**Festiva*

CUM

*Aerostar**Tempo**Explorer*

SAVINGS.

*Taurus**Bronco**Escort*

**Get \$400 To Use As Cash Back Or A Down Payment.
Plus, Pre-Approved Credit For Qualified College Graduates.**

You took endless tests and endured more all-nighters than you can remember. It's time to receive the credit you're due — savings on the Ford car or truck of your choice.

And your Ford dealer can help. Right now, you can receive a \$400 cash rebate on most new 1992 or 1993 Ford cars or trucks in stock, in addition to other incentives being offered. Qualified graduates could make no down payment on vehicles less than \$18,000 MSRP.

You can even defer your first payment up to 120 days.

This offer is available to college grads, grad school graduates and grad school students graduating between January 1, 1993 and December 31, 1993.

So hurry down to your Ford dealer and pick up some extra credit — big savings on a Ford car or truck. You may even be eligible for pre-approved financing. The Ford College Graduate Purchase Program. For more information call: **1-800-321-1536**.

NEW ENGLAND

FORD DEALERS

SPORTS

Men's Tennis Wins Three Engineers Trounce Division I Dartmouth 5-2

By Ann Ames
STAFF REPORTER

The men's tennis team had an excellent week, bringing in three straight wins against tough teams: Dartmouth College, Connecticut College, and Washington and Lee University, with final scores of 5-2, 9-0, and 7-2, respectively.

On April 14, the team captured a fairly straightforward win over Dartmouth, a Division I team. Doubles began the match, with Nick Tsai '94 and third-seeded Mark Erickson '94 trouncing their opponents 8-0. Top-seeded Alan Walpole '93 and Jay Muelhoefer '94 had a tougher match, twice trading service breaks with their opponents, and finally breaking serve with a little help from an unlucky bounce off the tape to claim the set, 8-6. Manish Bhatia '93 and Mauricio Lomelin '94, the second seed, also had a hard match, with frequent service breaks by both teams, and though they took the match to a tie breaker they were unable to hold on, losing the set, 8-9 (1).

In singles, Walpole was spectacular at the net but had a hard time with his serve. This set up a trading of service breaks, and of sets; the first two were split, but then the Dartmouth man came back to take the third, and Walpole fell, 3-6, 6-3, 3-6. Second-seeded Bhatia got off to a tough start in his match, battling with solid ground strokes, but it was not enough to avoid a 7-5 loss in the first set. An early break in the second set, however, got him rolling and he took it, 6-1. Muelhoefer, the third seed who was just coming off of an all-nighter, had trouble with his serve. He dropped both sets, 4-6, 3-6. Lomelin, fourth seed, lost his first set, 4-6, but came back to take the second, 6-3. Then he rolled through the first four games of the third set before Dartmouth won the only game it would get in that set, which Lomelin closed, 6-1. Erickson had an easy win, 6-1, 6-2, because his Dartmouth opponent was unable to overcome Erickson's strong serve-and-volley play. Tsai dropped the first set, 2-6, but came back fiercely to win the next two, 6-2, 6-3, breaking serve in the final game of the match.

On Friday, April 16, Connecticut College, a Division III team, found itself the recipient of a sound thrashing, walking away from the match without a victory and claiming only two sets all day.

The match was won for MIT early, with five quick wins as the bottom five seeds closed their matches in reverse order: Tsai, 6-3, 6-1; Erickson, 6-2, 6-2; Lomelin, 6-2, 6-1; Muelhoefer, 6-1, 6-2; and Bhatia, 6-1, 6-1. Only Walpole had a

hard time with his match, losing his first set, 3-6, and falling to 1-4 in the second before he came around, with a little help from a cheering section of players who had already finished their matches, to take the next five games and capture the set, 6-4. He and his opponent opened the third sets by breaking each other's serve, then remained on serve until 4-3, when the Connecticut man double faulted three times to help give Walpole an opportunity to serve for the match, taking the final set, 6-3.

Doubles followed a pattern similar to the singles, with Tsai and Erickson, finished first at 6-3, 6-3, winning handily, but unhappy with their play, which was reduced to chipping and "pushing" the ball in the "wind tunnel" of the end courts. Bhatia and Lomelin had less trouble with the wind, crushing their oppo-

nents with menacing net coverage and strong, well-placed volleys, 6-0, 6-1. Walpole and Muelhoefer got a slower start, dropping the first set in a tie breaker, 6-7 (6). They came back, however, to claim the next two sets, 6-3, 6-3, drowning any hopes by Connecticut of escaping with a win.

The last in the trio of last week's wins came on April 17, when the Engineers hosted Washington and Lee University, also Division III. The match was also handily won by the Engineers. The scores in singles were: Walpole, 6-1, 6-3; Bhatia, 6-0, 6-2; Muelhoefer, 6-7 (9), 6-4, 6-3; Lomelin, 6-3, 2-6, 2-6; Erickson, 6-3, 6-2; Tsai, 6-2, 6-3. In doubles the scores were: Walpole and Muelhoefer, 6-1, 4-6, 7-6 (4); Bhatia and Lomelin, 6-1, 6-3; Erickson and Tsai, 6-3, 3-6, 3-6.

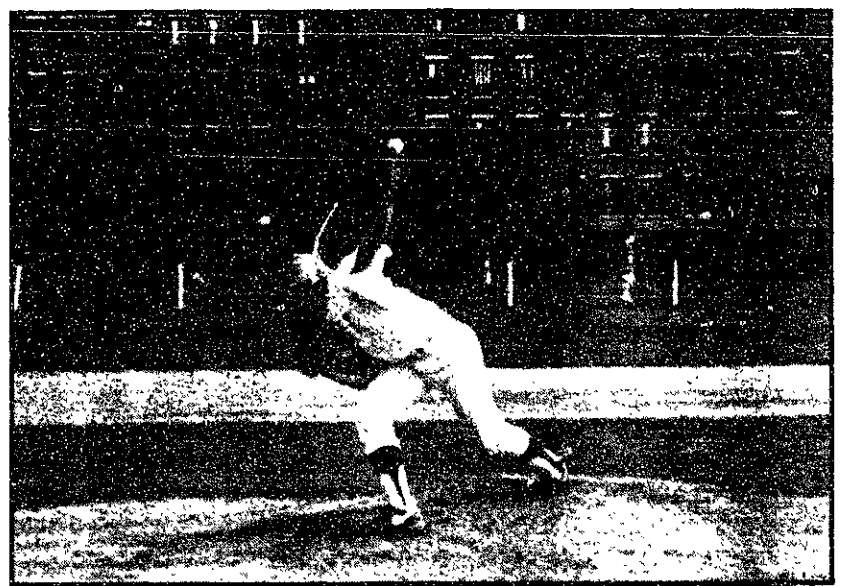
UPCOMING HOME EVENTS

Saturday, April 24

Baseball vs. Worcester Polytechnic Institute, noon (doubleheader)
Lightweight Crew vs. Rutgers University
Women's Crew, New England Women's Eight Championships
Men's Lacrosse vs. Bates College, 2 pm

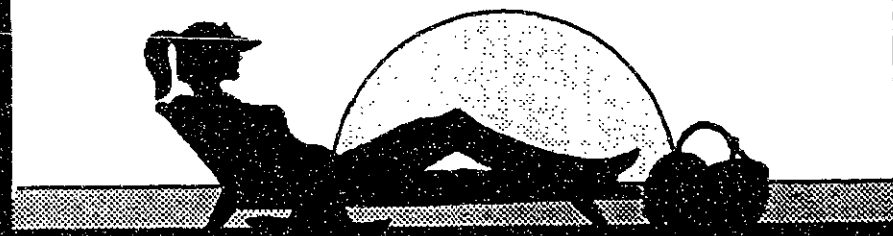
Sunday, April 25

Heavyweight Crew vs. University of New Hampshire and Tufts University
Men's Tennis vs. Williams College, 1 pm



Steven Brunelli '96 (top) pitches a winning game at Wednesday's doubleheader against Gordon College. Another team member (bottom) rounds the bases.

GIMME A BREAK. GIMME A SPRING BREAK



Make Spring Break 1993 THE ONE to remember.
Garber Travel can show you how to do it,
at the best bargain prices available.

GARBER TRAVEL

1105 Massachusetts Avenue, Cambridge
492-2300

COMMENCEMENT

Student volunteers are needed to
usher at Commencement and the
President's reception

on

Friday May 28, 1993

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

FOREIGN STUDENTS INTERESTED IN REMAINING IN THE US?

Let us help get your green card
Call for Free information on How
The New Immigration Law Can
Benefit You

354-1550

STEVEN A. CLARK, Attorney
FLYNN & CLARK
675 Mass. Ave, Cambridge
10 Minute Walk From Campus

Harvard-Epworth United Methodist Church

1555 Massachusetts Avenue
(opposite Cambridge Common)

Sundays, 9 and 11 a.m.

当社は日本で20年の事業実績を誇る
米国企業です。当社は、ハitek
製品業界で指導的立場を確立してお
り、ハitek製品を求める上場企業、
及び官庁・研究所への販売を支援す
るエンジニアを募集しています。当
社の製品は安全で、より高い品質の
製品を研究するのに使われています。

事務所は東京の中央部に位置した
真新しいオフィス、または名古屋の
近代的なオフィスです。日本勤務の
前に米国本社で社員教育を受けてい
ただきます。日本に帰国したあとも
米国との関連をもっていきたいとお
考えの方は、ぜひ当社をご検討くだ
さい。英語の履歴書を郵送してくだ
さい。

宛て先：人事部長 斎藤 博己
エムティエス・ジャパン 株式会社

〒102 東京都千代田区
五番町12-11 泉館五番町

電話 (03) 3239-7695 (直)
電話 (03) 3239-0701 (代)
ファックス (03) 3262-7780 (代)

又は
RICHARD S. WHITE
VICE PRESIDENT - INT'L SALES
MTS SYSTEMS CORPORATION
14000 Technology Drive
Eden Prairie, MN 55344-2290

PHONE: 612-937-4000
FAX: 612-937-4515

日本で急成長している米国企業のキ
ー・プレイヤーとなるチャンスです。

THEY MIGHT BE GIANTS



Ticket Sale Locations:

Lobby 10

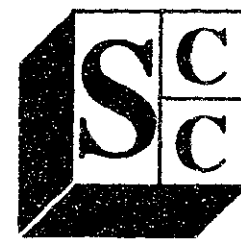
MIT Museum Shop

Stratton Student Center

For additional ticket locations and other questions call the SCC Office at 253-3916

Co-Sponsored by Theta Xi, Phi Sigma Kappa, and Kappa Alpha Theta.

MIT Spring Weekend '93



★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

Tonight!

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

with special guest:

Tribe

Friday, April 23, 1993

Johnson Athletics Center

Doors open at 8:00pm

Tickets:

\$8 MIT Students (\$10 at the Door)

\$10 MIT Community & Other College Students
(\$12 at the Door)

MUST PRESENT COLLEGE ID AT THE DOOR TO ENTER