



COURTESY MIT NEWS OFFICE

The Aga Khan

## Aga Khan to Speak At Commencement

By Eva Moy  
EDITOR IN CHIEF

The Aga Khan, the religious leader of the Shia Ismaili Muslims, will be the next commencement speaker on May 27.

"The Aga Khan stands as a unique figure on the international scene today," President Charles M. Vest said in his announcement of the speaker. "Through private philanthropy, he has enabled the very poor in Asia and Africa to enhance their lives. These efforts are taking place in areas of primary health care, education, housing, and social and economic development. In this role, he upholds Islamic culture and values while building bridges between the western and Muslim societies."

"His commitment to using modern resources for the betterment of his people, and his deep concern for their welfare, make him a fitting role model for those whose own careers will have similar potential," Vest said.

The Aga Khan is the spiritual leader of about 15 to 20 million Ismaili Muslims, a sect within Shia Muslim, according to Barbro M. Ek, director of the Aga Khan Program for Islamic Architecture at MIT.

"In the developing world, the Ismailis live mainly in Central and

Speaker, Page 8

## Wrighton Discusses UROP Cost Cutbacks, Concerns

Ramy A. Arnaout  
ASSOCIATE NEWS EDITOR

The Undergraduate Association opened a dialogue last night concerning the changes in federal regulation that will effectively double the cost of the Undergraduate Research Opportunities Program. Provost Mark S. Wrighton explained the dilemma facing MIT and encouraged students to express their concerns to their congressional representatives.

Under the new law, UROP will have to pay overhead costs to MIT — about \$2 million at current funding levels — starting on July 1, Wrighton said. Overhead costs — including physical plant services and library and administrative work — are about \$1.20 for every dollar spent on research, he said. Effectively, UROP students will be at

least twice as expensive to hire, and the increase may force researchers to hire fewer UROP students, according to Wrighton.

Wrighton emphasized the importance of this change on the student populace, citing that 80 percent of students hold a UROP during their academic careers.

"I don't think people need to be told what a key part of MIT the UROP is," said Travis R. Merritt, dean for Undergraduate Academic Affairs.

"The problem we face at the moment is an unfortunate and ... unintended consequence of rule changes in the government," Wrighton said, commenting on the change.

In order to find possible solutions to the eminent funding dilemma, Wrighton formed a working

group which will report its conclusions to him by May 1.

The members of the working group are James L. Elliot, professor of earth, atmospheric, and planetary sciences and head of the group; Merritt; Mary Boyce, associate professor of Mechanical Engineering; Raajnish A. Chitale '95, UA treasurer; and Professor J. Kim Vandiver, director of the Edgerton Center.

### Problems raising money

The group will address a variety of options on how to find a solution to the budgeting crisis.

"Right now there are a lot of promising possibilities regarding the solution to the problem," Elliot said. "I think maybe we can put together

UROP, Page 9

## Changes Announced in 8.01

By Daniel C. Stevenson  
ASSOCIATE NEWS EDITOR

Beginning next fall, Physics I (8.01) will be restructured to include one full-sized lecture and two smaller lectures each week. The new program will replace the current three lecture, two recitation system, according to program coordinator Professor Wit Busza.

Students will learn most of the material through the smaller lectures, with "20 professors teaching 20 classes of 16 students each," Busza said. The lectures will not function as traditional recitations, but will be the primary means of instruction for the course, he said.

One important aspect of the program is "shifting the responsibility more onto the students so that they will have more responsibility for the way that they learn," said Visiting Scientist Susan Cartwright, who is helping to write the course notes. It will be "better for students, better for staff," she said.

"Teachers and students will form

an alliance ensuring that the students will get the best possible mark on the test," Cartwright said. "We're trying to provide more of a partnership in learning the material."

For example, professors will not know which questions will appear on the weekly exams ahead of time, Busza said.

However, the program has met with some opposition from students and faculty. Professor Walter H. G. Lewin, who has taught 8.01 for three of the past four years, feels that the new course "will fall far short of what it wants to achieve," in terms of quality of student involvement and quality of teaching, he said.

### Based on Princeton program

The decision to redesign 8.01 was made because the physics faculty was unhappy with the way it worked, Cartwright said. The department set up a committee to find "alternative methods to try and improve the situation," she said.

The committee, headed by Busza, contacted several universities about their physics programs. A program at Princeton University was selected as the model, Cartwright said.

"It inevitably works better to do the teaching in groups with smaller numbers," said Princeton Professor Joseph Taylor, who recently taught their equivalent to 8.01.

However, he said that there is some concern that the course "has become primarily a mechanism for teaching physics problems" and that less time is spent on discussing important concepts.

At Princeton, students are allowed to switch between lecturers, although professors discourage it, Taylor said. The Princeton course also includes a laboratory component.

### 'If it ain't broke, don't fix it.'

"The lecturer is the intellectual and inspirational focus of

8.01, Page 13



THOMAS R. KARLO—THE TECH

Coretta Scott King presents the keynote address at MIT's 20th annual celebration of Rev. Martin Luther King Jr., her deceased husband, in Kresge Auditorium.

## King Calls for New Action on Racism

By Muayyad M. Qubba

"Now is the time to act," declared Coretta Scott King as she spoke in Kresge last Friday. "Reject apathy ... alcohol ... and drug abuse. Take a pro-active approach against racism."

King, the widow of Rev. Martin Luther King Jr., joined students and faculty in MIT's 20th annual celebration of the life and work of Rev. King.

King remembered the civil rights leaders of the past and called for the younger generation to study and learn "why they died and what they died for." In her speech, she attacked racism and anti-semitism, and she challenged society to rise above its problems through non-violence.

"It took me twenty years to get here, but I'm here and I'm proud to be here," King began.

Racial and economic injustice are "inseparable twins," King said, quoting her husband and underlining the significance of the celebration's theme, "The Movement for Economic and Social Justice: 1994 and Beyond."

King, Page 11

## INSIDE

■ The GSC will sponsor a student forum Wednesday evening on MIT's harassment policies and procedures. Page 7

# WORLD & NATION

## Packwood Seeks Further Delay In Release of Diaries

THE BALTIMORE SUN

WASHINGTON

Sen. Robert Packwood, R-Ore., carried to a higher court yesterday his running fight with Senate ethics investigators over the privacy of his personal diaries, asking for more time to let the constitutional dispute unfold.

In a request for a speedy ruling by the U.S. Circuit Court of Appeals here, Packwood also sought a delay in any release of his diaries to the Senate Ethics Committee for use in its investigation of misconduct charges.

U.S. District Judge Thomas P. Jackson has ruled that Packwood has no constitutional right to withhold the diaries from the committee. Still, the judge has given the senator until Feb. 22 to pursue an appeal.

The senator claims that the committee's demand for his taped diaries and the written transcripts of them is unconstitutionally broad, allowing the investigators to "rummage" through his private life. The diaries, the lawyer said, deal not only with his work as a senator, but also "his innermost thoughts on a wide variety of private, personal matters."

In addition, the senator fears that the committee inquiry will force him, through the diaries, to give evidence against himself that could be used in a Justice Department criminal investigation.

## Doctor Helps Canadian Woman Commit Suicide

THE WASHINGTON POST

TORONTO

A 43-year-old Canadian woman who turned her debilitating illness into a national crusade for the right to die, apparently has had the last word about the way her life would end.

Sue Rodriguez, who in 1991 was found to have the degenerative nerve condition known as Lou Gehrig's disease, died Saturday at her home in Victoria, British Columbia, according to police and Svend Robinson, a close friend and member of Parliament who has championed laws permitting physician-assisted suicide.

Svend said yesterday that he was with Rodriguez when a doctor he declined to identify arrived and carried out her wishes. Royal Canadian Mounted Police have announced an investigation into her death — and Robinson's role in it — and said an autopsy would be performed to determine if she died by lethal injection.

Choking back tears as he recounted the events of Saturday afternoon, Robinson told reporters that Rodriguez made her final plans a month ago. He said she had shared a last meal Friday evening with her husband and 9-year-old son, who were absent during Rodriguez's final hours the next day. "She was serene and calm throughout," Robinson said.

The death of Rodriguez is likely to stoke the national debate fueled by her long campaign to end her life. Canadian anti-euthanasia laws mirror those being tested in Michigan by Jack Kevorkian, known as the "suicide doctor," and other right-to-die activists.

## Senator Kennedy's GOP Rivals Caught in Sniping Match

SPECIAL TO THE WASHINGTON POST

The Republicans vying for the right to take on Sen. Edward M. Kennedy, D-Mass., in the fall seem determined to decimate each other by spring.

The sniping started earlier this month with a campaign kickoff by Mitt Romney, a Boston business consultant and son of former Michigan Gov. George Romney. Even before Romney declared, an aide to another Republican candidate, radio personality Janet Jechelian, raised questions about his religious affiliation.

Romney is a Mormon, a rarity in Massachusetts, and — like all Mormon men — holds a lay adult position in the church. The Jechelian aide said Romney would be at a disadvantage against Kennedy because he would have to spend time explaining his religion and squaring his campaign positions with his church's views on issues such as abortion.

The tactic backfired, and the aide, Gene Hartigan, was reined in by Jechelian. Analysts said they found it bizarre for a candidate to raise doubts about another contender's religion — especially against Kennedy, whose brother, John, fought anti-Catholic bigotry in the 1960 presidential primaries.

## WEATHER

### Some Snow, Then Warming

By Michael Morgan

STAFF METEOROLOGIST

A cyclone will pass southeast of the area late tonight and then begin rapidly intensifying east of Boston tomorrow morning. While the track of the cyclone is not the most favorable for giving us significant snow, the potential exists for a few hours of light to moderate snowfall in coastal Massachusetts. The snow should be over by early afternoon in most sections. Warmer weather will arrive later in the week as winds turn westerly at all levels of the atmosphere.

**Today:** Increasing clouds. A few snow showers may develop along coastal sections. High around 30°F (-1°C). Winds east 7-13 mph (11-21 kph).

**Tonight:** Cloudy with a period of snow possible. Low 20°F (-7°C). Winds northeast 10 mph (16 kph), becoming northwest toward dawn.

**Wednesday:** Morning snow ending, becoming windy and colder. High 27°F (-3°C). Low 17 (-8°C).

**Thursday:** Partly sunny with a flurry possible. High near 30°F (-1°C). Low 20°F (-7°C).

# Clinton to Cite Japanese Violations of Telecom Pact

By James Gerstenzang

LOS ANGELES TIMES

WASHINGTON

With trade talks broken off, a White House official said yesterday the Clinton administration intends to declare Japan in violation of a telecommunications agreement — a move that could pave the way for sanctions against the Japanese and escalate a trade dispute between the world's two largest economies.

With the declaration expected to be announced Tuesday, President Clinton warned Japan not to embark on a tit-for-tat trade war, saying, "I think they would have to think long and hard about it."

White House officials said the decision to cite Japan for interfering with an effort by Motorola Inc. to sell cellular telephone service in the Tokyo vicinity is not tied directly to the breakdown last Friday in U.S.-Japanese trade negotiations.

But the deadline for action Tuesday provided a convenient, if coincidental, opportunity to begin the sort of retaliatory and punitive measures that administration officials said last week were under consideration, and the souring state of Washington's trade relations with Tokyo give added weight to the Motorola decision.

Had the talks on Friday between Clinton and Japanese Prime Minister Morihiro Hosokawa gone well, there is little likelihood the administration would take such action Tuesday, regardless of the merits of Motorola's complaint.

"This is clearly a warning shot," said a congressional source familiar with the administration's plans. "It is a very low point from which to escalate."

With the declaration, specific punitive action against Japan can follow. Placing tariffs on Japanese communications products sold in this country is one measure that could be taken.

Meanwhile, the fallout of the

trade dispute landed on the foreign currency markets yesterday. The dollar fell in value by roughly 3 percent compared with the yen — making Japanese products more expensive in the United States and U.S. goods cheaper in Japan.

Officials said more dramatic steps than Tuesday's expected declaration are contemplated, perhaps as early as next week, in a campaign to put greater pressure on Japan. Senior officials are expected to meet on an almost daily basis to plot their strategy.

The administration is trying to persuade Tokyo to take specific steps in compliance with an agreement reached last July to devise objective criteria that could be used to measure progress in opening Japanese markets to foreign products. The agreement covers automobiles and auto parts, insurance, and government purchases of telecommunications and medical equipment.

The agreement is intended to begin reducing Japan's \$132 billion global trade surplus, nearly \$60 billion of it with the United States. In its annual economic report, the Clinton administration said, however, that removal of all of the barriers Japan erects to keep out foreign products would reduce the United States' trade deficit with Japan by \$9 billion to \$18 billion.

Hosokawa, whose call for continued talks was rejected by the United States on Friday, said after his meeting with Clinton that the two sides needed a cooling-off period. U.S. officials said they would remain open to new proposals from Japan, but that they must adhere to the July agreement — and that, barring such progress, the United States felt free to take specific steps to put pressure on Japan.

Those measures include the likely reintroduction of a trade-code provision, known as Super 301, that could lead to the exclusion of certain Japanese products from the

United States, imposing strict inspection standards on Japanese autos, scaling back on tax benefits given to Japanese automakers in the United States, and stepping up the use of U.S. laws prohibiting the "dumping" on U.S. markets of products sold at prices below their production costs to undercut U.S. manufacturers.

Seeking to portray the dispute not as one between the United States and Japan but as one between those who seeking more open markets worldwide, the president said:

"For those of you who worry about a trade war and other things, this is a battle that is raging not just in the United States and in Europe and in all other parts of the world that have been exposed to the mercantilist policies of Japan, this is a battle that is raging in Japan."

Clinton and others said it was "purely coincidental" that the Motorola decision was being made at the same time as the United States was looking for ways to retaliate against Japan.

"We have been engaged in these talks on cellular telephones for a very long time," he said. "But it is a good illustration of the problem we face in entering the Japanese market."

The Motorola case, which Laura D'Andrea Tyson, the chairman of Clinton's Council of Economic Advisers described as a classic example of Japan's efforts to keep foreign companies from gaining a foothold in its lucrative market, involves an effort by the communications company to sell cellular telephones in a 155-mile swath from Tokyo southwest to Nagoya.

"The Japanese claim that U.S. firms don't try hard enough, and that the quality of the U.S. products isn't there," a senior administration official said. "Here is a case that shows the reality of the closed Japanese markets and the competitiveness of U.S. products."

# Rise in Temp Workers Leads To Sharp Fall in Job Security

By James Risen

LOS ANGELES TIMES

WASHINGTON

The hiring of temporary and part-time workers without health benefits has far outpaced the rate of growth in full-time employment during the nation's fledgling economic recovery, leading to a sharp decrease in job security in the United States, the Clinton administration said yesterday.

The Economic Report of the President, released by the White House yesterday, said part-time employment has grown 6.4 percent in the last three years, while full-time payrolls have increased by just 1.7 percent. At the same time, the percentage of the work force covered by health care benefits is declining after rising steadily for decades.

The administration also said that, contrary to popular belief, the recession of the early 1990s was not dominated by white-collar layoffs. Rather, blue-collar workers suffered much more harshly than professionals and other office workers.

Middle-class anxiety was a hot topic during the 1992 election, and the perception among voters that this recession was different and much worse than other post-World War II downturns helped propel President Clinton into the White House. For the first time, big corporations no longer seemed like safe

havens for middle managers.

But the administration found that the white collar jobless rate was just 3.2 percent in 1992, far less than the 9.9 percent rate for factory workers during the same election year.

"In fact, as in the past, the unemployment rate among white-collar workers has been significantly below that of blue-collar workers in the most recent recession and recovery," the report stated.

Furthermore, the report found, joblessness among blacks is worsening, leading to new concerns that the nation's unemployment rate will remain at relatively high levels indefinitely. There are "increasing disparities between black and white rates of both employment and unemployment, which are linked to equally disturbing changes in the distribution of income and job security," the report said.

Long-term unemployment in America has been increasing, largely because of the growing rate of long-term joblessness among black men, the report said. The average unemployment rate over the last 23 years has risen 3.5 percent for blacks but only 1.5 percent for whites.

But the 398-page report, the first issued by the Clinton administration, was generally upbeat about the economic outlook and was dominated by lengthy explanations of how the administration's economic policies sparked the current recovery.

The report included the official White House forecast that the economy will grow at a rate of 3.1 percent in 1994 and 2.8 percent in 1995. Those predictions are almost identical to most leading private estimates.

Republicans quickly complained that Clinton was trying to take credit for an upswing in the economy that was under way well before the Democrats took control of the White House.

"In considering President Clinton's gusher of praise for his economic record today, we should remember that no modern president's economic program has required less than 18 months to have an impact on the economy," said Sen. Phil Gramm, R-Texas, a potential contender for the Republican presidential nomination in 1996.

The report found that the growth of the temporary help industry, through companies like Manpower Inc., is a new sign of the increasing importance of part-time employment in the economy. Since the early 1970s, the temporary help industry — which places part-time office workers and other day laborers — has grown from less than one-third of 1 percent of total employment to 1.3 percent of the work force today. Now, nearly 3 percent of all American workers hold jobs on a "contingent" day-to-day basis, the report found.

# Albright: Diplomacy Alone Won't Bring Peace in Bosnia

By Stanley Meisler  
and Norman Kempster  
LOS ANGELES TIMES

WASHINGTON

Trumpeting the new resolve of the Clinton administration, U.S. Ambassador Madeleine K. Albright told the U.N. Security Council yesterday that diplomacy will not stop the slaughter in Sarajevo and the war in Bosnia unless it is "backed by a willingness to use force."

In a speech to the council during an unusual public session, the U.S. ambassador also warned the Bosnian Serbs that they would face retribution if they attempted to retaliate against foreign relief workers for any North Atlantic Treaty Organization air raids.

"The United States will advocate strong action by this council if the Bosnian Serbs follow through on their threats to restrict the movement of international relief workers," she said.

As more than 40 ambassadors filled the council chamber with rhetoric railing against the savagery

in Bosnia, both President Clinton and the United Nations denied reports that the United Nations intended to ease NATO's demand that the Serbs — under threat of air strikes — withdraw all heavy weapons from the Sarajevo area or turn them over to the United Nations by Feb. 21.

The news reports had indicated that some U.N. peacekeeping officers would be satisfied if the Serbs only left their artillery batteries in place for distant U.N. monitoring by radar.

"I expect that the terms of the NATO agreement will be followed," Clinton told a news conference. "Keep in mind, the secretary-general of the United Nations asked us to take action. We agreed to take action. ... And we were assured all along the way that our allies in NATO and ... the secretary-general agreed. So, I don't believe there is a fundamental misunderstanding on that point."

Joe Sills, spokesman for Secretary-General Boutros Boutros-

Ghali, said in a news briefing at U.N. headquarters that "there is no difference in the goals being pursued by the U.N. and NATO."

That seemed underscored in Bosnian capital of Sarajevo, when Lt. Gen. Michael Rose of Britain, commander of U.N. forces in Bosnia, said, "The total exclusion zone for heavy weapons around Sarajevo will be implemented" before the end of the week and "any heavy weapons there will be either under U.N. control or subject of an air attack."

The Serbs, however, were a long way from turning over their weapons. Two artillery pieces were handed to peacekeepers yesterday, bringing the total under U.N. control to 28. Some analysts estimated that the Serbs have more than 500 heavy weapons around Sarajevo.

U.S. officials said in Washington that the few pieces of artillery and other heavy weapons that the Serbs turned in during the past 24 hours were "not significant."

# Federal Prosecutor Concludes In Trade Center Bombing Case

By Robert L. Jackson  
LOS ANGELES TIMES

NEW YORK

In closing arguments in the World Trade Center bombing case, a federal prosecutor told jurors yesterday that the conspiracy to bomb the twin towers began five months before the blast, when one of four defendants arrived in the United States carrying bomb-making manuals and anti-American and anti-Jewish literature.

Concluding the government's 18-week case, prosecutor Henry DePippo asked the jury to convict all the foreign-born defendants for what he called "the worst terrorist act" in the nation's history. The explosion killed six persons, injured more than 1,000 others and disabled for a month one of the world's best-known landmarks.

Defense attorneys were scheduled to make their presentations Tuesday in the courtroom of U.S. District Judge Kevin T. Duffy. The jury is expected to begin its deliberations later this week.

DePippo told jurors that the government's presentation had been a lengthy one involving so many witnesses — more than 200 — "because no one witness could tell

the whole story."

The government has attempted to convince the jury that the plot began when Ahmad Ajaj arrived at New York's John F. Kennedy Airport in September 1992, describing himself as "a Palestinian protester" and seeking political asylum.

Immigration authorities found he had used an altered Swedish passport and employed a string of false identities. In addition, the prosecutor said, authorities discovered among his possessions bombing manuals, videos and handwritten notes indicating that he had had weapons and explosives training.

While Ajaj was jailed for immigration violations, DePippo said, an associate, Ramzi Ahmed Yousef, entered the country on the same flight and met days later in New Jersey with two other defendants, Mohammed A. Salameh and Mahmud Abouhalima.

Yousef, who has been declared a fugitive, left the country only hours after the bombing — before authorities had linked him to the act.

DePippo said the government's evidence showed that Salameh, with whom Yousef shared an apartment, opened a joint bank account with the fourth defendant, Nidal Ayyad,

a chemical engineer.

"Salameh and Ayyad opened an account with \$8,500 before withdrawing most of it in cash," he said. "They then began making a slew of phone calls to chemical companies in order to buy chemicals."

In one instance, DePippo said, the men used 36 \$100 bills to purchase ingredients for a 1,200-pound bomb — the one Salameh and Abouhalima drove into the trade center's underground garage in a rented van.

Abouhalima, whom federal investigators labeled the "field general" of the plot, was linked to the conspiracy through dozens of telephone calls among the defendants, the prosecutor said.

However, federal authorities never were able to trace the source of the funds deposited by Salameh and Ayyad in a Jersey City bank.

Computer disks found in Ayyad's office identified him as the author of a letter sent to New York newspapers claiming that unless the United States stopped supporting Israel more terrorist bombings would occur.

If convicted of conspiracy in the bombing, the defendants could be sentenced to life imprisonment.

# Administration Steps Up Fight Against Budget Amendment

By Ruth Marcus  
THE WASHINGTON POST

WASHINGTON

The Clinton administration stepped up its campaign against the balanced budget amendment yesterday, claiming that mandating a balanced budget in 2000 would require sharp tax increases and deep cuts in defense spending, Social Security, and other critical programs.

The White House released a Treasury Department study analyzing various options — all painful and none politically feasible — of achieving the \$600 billion in deficit reduction over the next five years that the administration says would be needed to balance the budget.

The study is part of an effort by the White House to refocus public attention away from the universally popular idea of balancing the budget and to concentrate instead on what the administration says would be the dire real-world consequences.

With the Senate preparing to

debate the measure, the White House wants to shift the burden to proponents of the amendment to explain how they would manage the massive cuts necessary.

"We want the American people to understand the degree of hardship ... which would result from this step and, believe me, it is major league," said Deputy Treasury Secretary Roger Altman, one of a series of administration officials who appeared in the White House briefing room to denounce the amendment.

He called the balanced budget amendment "the ultimate sham," with "a considerable number of people in the country and in the Congress favoring the amendment, virtually all of whom oppose the specific steps necessary to bring about compliance."

The study showed five scenarios for balancing the budget: combining tax increases and spending cuts; cutting spending across the board; cutting spending but sparing defense;

cutting spending but shielding Social Security; and cutting spending but exempting defense and Social Security.

The bottom line of each scenario was the same, in the administration analysis: cuts and taxes that would be politically unimaginable. For example, under the analysis, a combination of tax hikes and spending cuts would raise individual income taxes an average of \$728 per year and cut \$605 yearly for the average Social Security recipient, \$480 for each Medicare recipient, plus other difficult cuts.

"A balanced budget amendment is a truly horrible economic idea," said Clinton economic adviser Robert Rubin.

The administration's study comes on the eve of dueling hearings by the chief Senate protagonists in the balanced budget debate, Sen. Robert C. Byrd, D-W.V., the leading critic, and Sen. Paul Simon, D-Ill., its main proponent.

# Navy Chief Challenges Tailhook Inquiry Findings

THE WASHINGTON POST

WASHINGTON

Fighting to save his reputation and his job, Chief of Naval Operations Frank B. Kelso II yesterday released documents challenging last week's finding by a military court that he witnessed lewd conduct at the 1991 Tailhook convention and then lied about his knowledge of the misconduct.

The documents include a Feb. 11 memorandum from the Pentagon's senior Tailhook investigator to Defense Secretary William J. Perry supporting Kelso's claim that he did not see any inappropriate behavior while attending the gathering of naval aviators at the Las Vegas Hilton.

"During our investigation we were unable to find any credible evidence that Admiral Kelso had specific knowledge of the improper incidents and events that took place," said the memo from Deputy Inspector General Derek J. Vander Schaaf.

At Kelso's request, Navy officials released the statements in a detailed rebuttal to last Tuesday's finding by a military judge that Kelso had witnessed leg shaving contests and other misconduct at the convention. The judge, Navy Captain William Vest, cited Kelso's knowledge of the misconduct in dismissing charges against the last three Navy officers to face courts martial in the scandal.

Navy Secretary John Dalton is currently considering whether to fire Kelso as a result of Vest's report. But Navy officials said Dalton was troubled by "factual errors" in the judge's finding.

# Jewish Agency Official Charged with Fraud

THE WASHINGTON POST

JERUSALEM

Simcha Dinitz, chairman of the quasi-governmental Jewish Agency and an ambassador to Washington in the 1970s, was charged yesterday with serious fraud and breach of trust involving personal use of agency credit cards.

Dinitz announced he is taking a paid leave of absence to fight the charges and said he is innocent.

The indictment, following a long police investigation, charged that, during visits abroad, Dinitz, 64, made personal purchases at stores such as Macy's and Bloomingdale's using an American Express card issued by the agency, and also misused a credit card from the clothing retailer Syms.

In Israeli news media reports over the last year, Dinitz has been depicted as a high-flying executive who ignored warnings that he was violating agency rules and who had expensive tastes while on agency business, including once insisting on a chauffeured car to take him 200 yards between terminals at a New York airport.

Mendel Kaplan, chairman of the agency board of governors, said the police investigation over the last year had not affected the agency's finances. But others have said that the scandal surrounding Dinitz reflected poorly on an organization that is dependent on donations from Jews abroad.

# Trial of Accused Florida Serial Killer Set to Begin

LOS ANGELES TIMES

MIAMI

The gruesome serial killings of five college students — crimes that shocked the nation and terrorized a north Florida town three and half years ago — will be revisited beginning Tuesday as the murder trial of a rangy Louisiana drifter opens in a Gainesville courtroom.

Danny Harold Rolling, 39, is charged with five counts of murder in the stabbing and mutilation deaths that took place over three days at the beginning of the 1990 fall term at the University of Florida.

The crime scenes — the apartments where the victims lived — were so horrific that the prosecutor has moved to keep police photos of the bodies sealed. "I don't think the loved ones should ever have to see these photos," said the chief prosecutor, state attorney Rod Smith.

Rolling, the son of a retired police officer, already is serving a life prison sentence after pleading guilty in 1991 to a grocery store robbery and being sentenced as a career criminal. He has previous robbery convictions and has been linked to several other crimes, including a triple murder in Shreveport, La., and shooting his father in the face.

If Rolling is convicted of the Gainesville slayings, the state will ask that he be executed.

# Clinton Pledges Increase In Aid to Pakistan

THE WASHINGTON POST

WASHINGTON

President Clinton, praising Kazakhstan's economic reforms and its decision to give up its nuclear weapons, yesterday pledged to increase U.S. aid to the former Soviet republic by several hundred million dollars.

Clinton, at a press conference with Kazakhstan President Nursultan Nazarbayev, used the pledge of the increased economic aid and U.S. technical assistance to promote another U.S. goal: persuading the republic to continue piping its oil through Russia rather than Iran.

The White House welcome and promise of greater U.S. aid resulted from Kazakhstan's decision in December to ratify the nuclear Non-Proliferation Treaty and move forward on its pledge to destroy the SS-18 long-range nuclear missiles left on its soil after the breakup of the Soviet Union.

Among the aid pledged to Nazarbayev is \$85 million this year and next to dismantle and destroy the nuclear weapons. In addition, economic aid will go from \$91 million in 1993 to \$311 million in 1994.

"We believe we have established the basis for a long-term partnership of immense strategic importance and economic potential for the United States," Clinton said at the press conference. He and other administration officials referred to Kazakhstan as far ahead of other former Soviet republics in establishing a market economy and noted Kazakhstan's strategic importance both because of its location straddling Europe and Asia and its valuable natural resources.

# OPINION

## Letters To The Editor



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## Recruitment of Minority Students Gives Biased View of Reality

The spectacle of MIT administrators beating their chests in anguish because of the paucity of underrepresented minorities here is becoming a regular feature for *The Tech*. Your article on minority graduate student enrollment ["MIT Unchanged in Minority PhDs," Feb. 8] has some prize quotes. "If there are any excellent students of color out there, we ought to be able to attract them," enthuses Isaac Colbert, associate dean of the Graduate School. Beautiful sentiment, but unfortunately the commonly sought PhD is in education. Is Colbert proposing that we start an education school?

Clarence Williams, special assistant to the president and assistant equal opportunity officer, implies that we have enough departments, but they aren't properly administered: "The problem lies in departments that make the decisions." Would the problem be fixed if departments accepted every minority student who applied?

Apparently not, Colbert returns to claim. Society is at fault. He wants to "point [secondary school] students to math, science, and engineering." If these are such great careers, how come Colbert himself has chosen paper shuffling? When he is singing the praises of "Nerddom" to a high school class and one of the students asks him what happens after graduate school, does he mention that there are about 750 applicants for every engineering professorship these days? Does he wax rhapsodic about the wonderful physics PhD thesis published by the cab driver who brought him from the airport?

Colbert goes on to decry the fact that black and Latino males are "enmeshed in our legal system (i.e., either imprisoned, under indictment, or with previous criminal records)." Frankly, although the living conditions may be similar, I doubt that prison is a common alternative to MIT graduate school. Someone

who was prepared for a career in science or engineering but didn't end up here would be more likely to be found in law, medical, or business school. Should we shed tears for a promising minority undergrad who passed up the big career opportunities in computer science ("I get my own cubicle, PC, and C compiler, and \$50,000 per year after seven years of grad school? That's better than I expected!") or for medical school ("I only get paid \$250,000 per year to be a radiologist and look at slides six hours a day? I worked so hard in med school for four years; I deserve more!")?

Perhaps instead of trying to fix all of society's problems, we should look a little more closely at the actual experience of an MIT graduate student. What if the plethora of high-powered administrators mentioned in the article were reassigned from minority enrollment hand-wringing to corporate fund-raising? We could use the new funds to raise stipends. How many people think a \$1,000 per month increase in the research assistant stipend would be more likely to attract a minority graduate student than a letter from any combination of administrators?

Philip G. Greenspun G

## Stevenson Mistaken In Praises of Rushdie

I would like to bring the argument presented in "In Defense of Blasphemy" [*Counterpoint*, Jan. 1994], to a more constructive level by clarifying my position and pointing out three major flaws in Daniel C. Stevenson's recent column in *The Tech* ["Rushdie, not Martin, Deserves Respect," Feb. 8].

First, Stevenson not only incorrectly assumes that I respect both Salman Rushdie and Wellesley Professor Tony Martin, but also assumes that I support the usage of the controversial text *The Secret Relationship Between Blacks and Jews* (written by The Nation of Islam, not Martin himself, as Stevenson incorrectly asserts) in his history class. If Stevenson read my article carefully, he would have noticed that I wrote that "the

question over *The Secret Relationship* and the new *The Jewish Onslaught: Despatches from the Wellesley Battlefront* is a question of scholarship."

Thus, I feel that there is a clear distinction between freedom of speech and academic freedom, but I am vehemently opposed to any speech codes. An example of a speech code would be if Wellesley College decided to ban "insensitive speech." As I wrote in my article, "it is more dangerous however to suppress these ideas and drive them undercover than they be confronted head-on, in public." Presently, Martin's usage of the text and his inflammatory public statements are being battled with more free speech, as they should be.

Second, Stevenson is mistaken in his assertion that "Rushdie, not Martin, deserves respect." Neither "deserves" respect. One does not deserve respect for contributing to the archives of world hate-literature. Although Stevenson, in his ecstatic fondness of Rushdie, tries to justify his advocacy of granting respect to Rushdie by stating that his "literary greatness stems mainly from his other works," the same argument could be made for Martin, whose "greatness" and position of tenured professorship at Wellesley College is mainly due to his research on Marcus Garvey. It is interesting that Stevenson respects *The Satanic Verses*, which is taught in a Wellesley English class, by calling it fiction with a "possible historical setting" and feels that the author "champions the right to express controversial opinions." The same can be said about bigots like Martin. Stevenson should not advocate respect for these bigots. Rather, he should speak out against all bigotry (i.e. not be selective), as he proudly claims he was raised to do.

Third, Stevenson repeatedly mistook me for a "he" in his column. Although a valid guess, as a Wellesley College student, I would prefer to be addressed as either "Miss" or "Ms."

Samira Khan

Editor in Chief

*Counterpoint*



"AND NOW, HERE WITH AN UPDATE ON THE GLOBAL WARMING CRISIS...."

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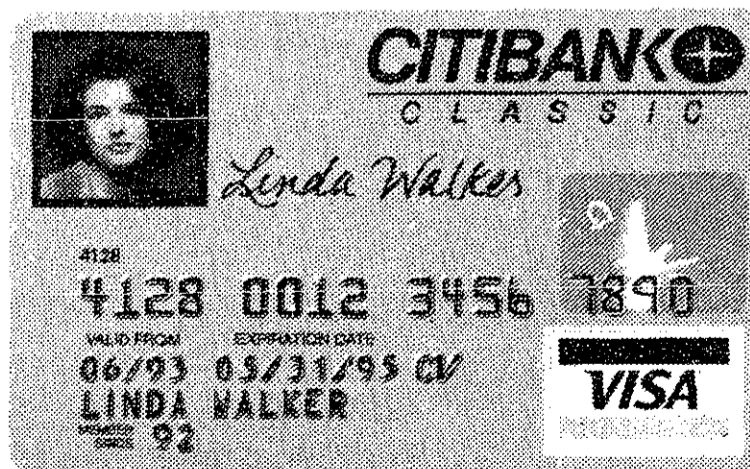
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# GSC to Sponsor Student Forum on Harassment

By Sarah Y. Keightley  
EXECUTIVE EDITOR

The Graduate Student Council will sponsor a student-run panel Wednesday to discuss the Institute's recently-abridged policies and procedures concerning harassment.

"After the [harassment] guide came out, there was a fair amount of discussion ... but there was not enough discussion between people who had somewhat opposing views to see what middle ground could be reached," said Anand Mehta G, the event's organizer.

The main goal of the forum is "to try to go forward — understand what exists now and [see] how to improve it," said Mehta, who is also a former GSC president.

The panelists will include Jennifer E. Carson '94, a member of

Students against Sexual Harassment; Adam L. Dershowitz G, a member of the Student Association for Freedom of Expression; and Anne S. Tsao '94, Undergraduate Association vice president. There will also be one panelist who has attended one of the training sessions that was created along with harassment guide last fall.

The forum will take place in 6-120, from 5 to 7:30 p.m.

### Discussion to clarify process

The panelists will try to clarify the policies and procedures which address harassment, Mehta said.

One main policy concern is the distinction between harassment and a restriction on the freedom of expression.

Students have complained that

harassment procedures are lacking, with respect to a centralized complaint-handling office, a mechanism for formal grievance procedures, and centralized record keeping of harassment cases, Mehta said. There is nothing comparable to the Committee on Discipline for harassment, he added.

During a training session for supervisors, Associate Provost of Institute Life Samuel J. Keyser gave some reasons for MIT's decentralized system for dealing with harassment, Mehta said.

Keyser explained that a centralized office of five to 10 people would easily be overworked, according to Mehta. The community would shift most of the responsibility and burden to the office, and it would be more difficult to stop milder forms of harassment that handle could be settled on a supervisor level.

The forum seeks to resolve this and other student concerns by finding a "middle ground," Mehta said.

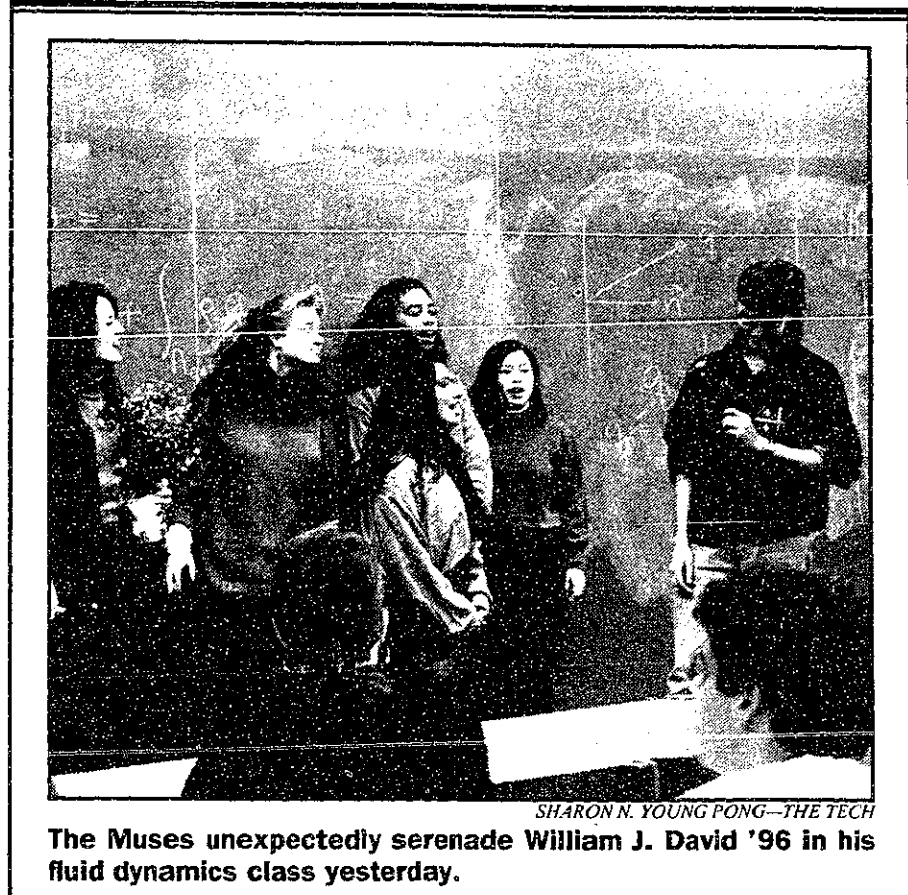
Tsao hopes the forum will raise awareness, along with constructive discussion and debate. They want to

hear what students believe the harassment guide does not satisfy, she said.

Mehta organized the event, with help from the GSC Housing and Community Affairs Committee. The GSC invited several administrators to the forum, and it is open to every-

one in the MIT community.

Since the inception of the supervisor training program, five students have gone through training and are legally qualified mediators, Mehta said. But, he continued, Keyser said they cannot act as complaint handlers for legal reasons.



The Muses unexpectedly serenade William J. David '96 in his fluid dynamics class yesterday.

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# Graduation Speaker Chosen

Speaker, from Page 1

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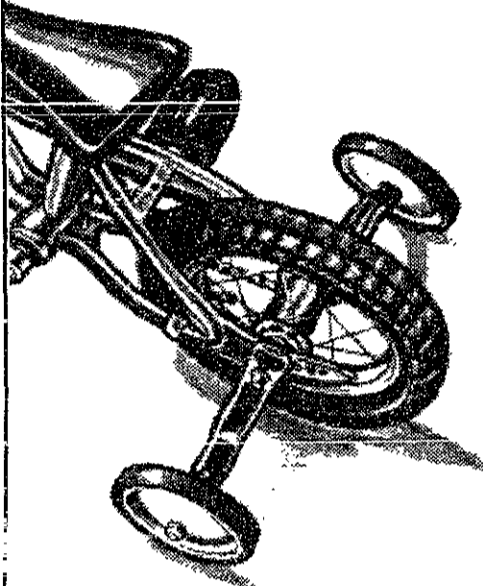
In 1979, he established the Aga Khan Program for Islamic Architecture at MIT and Harvard — where he graduated with an honors degree in Islamic history in 1959 — with an initial gift of more than \$11.5

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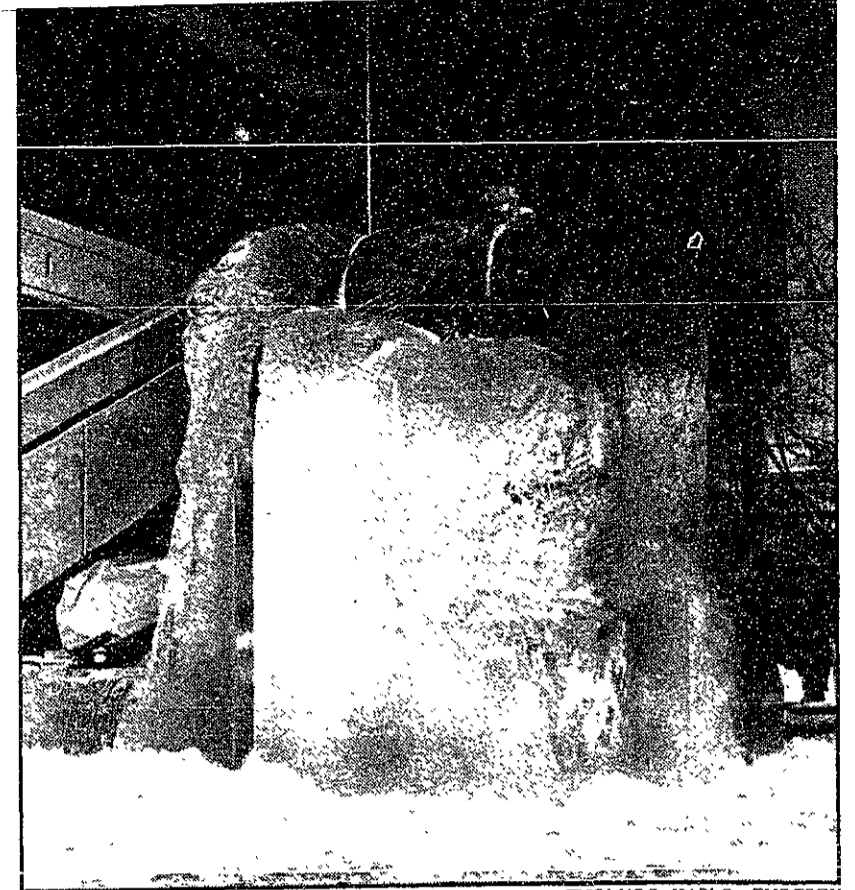
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THOMAS R. KARLO—THE TECH

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Are you concerned about the MIT Harassment policy and procedures? Come to an open panel discussion to share your views with the MIT community. Student panelists will lead a discussion about what is and what should be the way MIT deal with harassment. For information, call the GSC office, x3-2195, or send email to [gsc-info@mit.edu](mailto:gsc-info@mit.edu)

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**Next Week: APPC meeting** Wednesday Feb. 23 in Academic Projects and Policy Committee 50-220 at 17:30. Free food.

Deadline for Spring Term Funding Board Applications is Feb. 18!

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Housing and Community Affairs

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Would you buy personalized, engraved graduation announcement cards? Some students would, and if enough people are interested, the Coop will do them. Contact Elta Chian, Burton 433G, [emchian@mit.edu](mailto:emchian@mit.edu) by Friday the Eighteenth.

## Graduate Student Council Harassment Forum

All members of the MIT community are welcome

Date: Wednesday, Feb. 16  
Time: 5:00—7:30  
Place: 6-120  
(refreshments 5:00-5:15)

# UROP Forum Raises Concerns

UROP, from Page 1

package that will minimize the impact."

One solution would be to add \$2 million to the general operating budget and dedicate it to UROP. This is "is a possibility, but a very difficult one," Wrighton said, sighting MIT's budget deficit as the main problem.

Another idea, trimming \$2 million from the \$90 million budget for the schools of Science and Engineering, would be equally difficult, Wrighton said. Most UROP projects fall within these disciplines, but such a cut could be dangerous if MIT wishes to retain its excellence in those fields, he said.

Yet another option would use funds from MIT's endowment, but this would present even graver problems. Current Institute policy dictates that only about four-and-a-half cents on every dollar of endowment principal may be spent on MIT enterprises, according to Wrighton.

At this rate, MIT would need a \$50 million endowment increase to cover the UROP bill, Wrighton said. Amassing this sum would be an ambitious but somewhat unrealistic goal in the short run."

Instead, Wrighton looked toward gifts from alumni, private foundations, and government agencies. He specifically mentioned the National



VIPUL BHUSHAN—THE TECH

**Provost Mark S. Wrighton answers a student's question as Professor James L. Elliot '65 looks on at an Undergraduate Association-sponsored forum about the future of the Undergraduate Research Opportunities Program last night.**

Institutes of Health, the National Science Foundation, and the National Aeronautics and Space Administration as possible donors. These agencies "have a major stake" in furthering research at MIT, he said.

The Institute is going to try all of these options, according to Merritt. At the same time, they will "do everything possible to get the government regulation reinterpreted."

However, the working group will "also behave as if there will be no new funding," Merritt added.

In addition to any action taken

by the Institute, Wrighton encouraged students to write their congressional representatives in an attempt to renegotiate the regulation.

"I believe that communications like these ... will be important in providing an educational base on which these people can make informed decisions," Wrighton said.

Through well-organized letters and a coordinated effort, students will be able to inform congressmen and others of "not only the nature, but the magnitude of the problem," Wrighton said.

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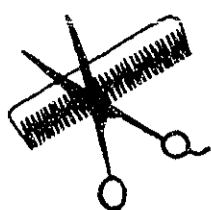
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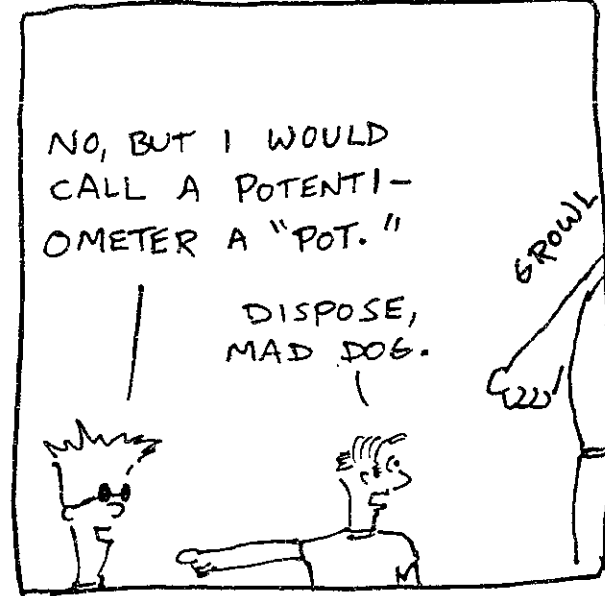
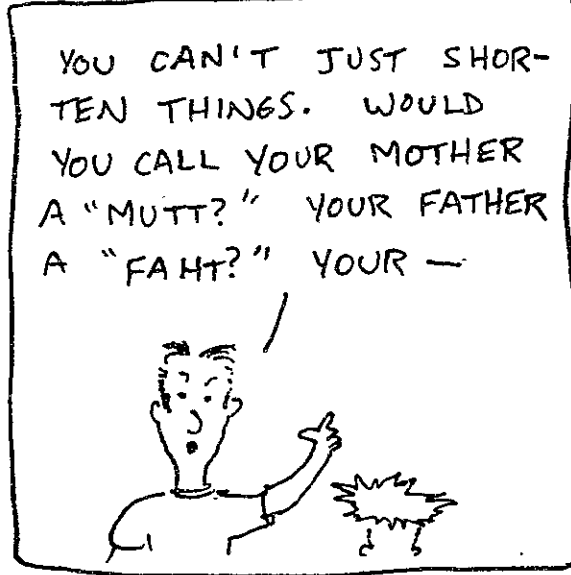
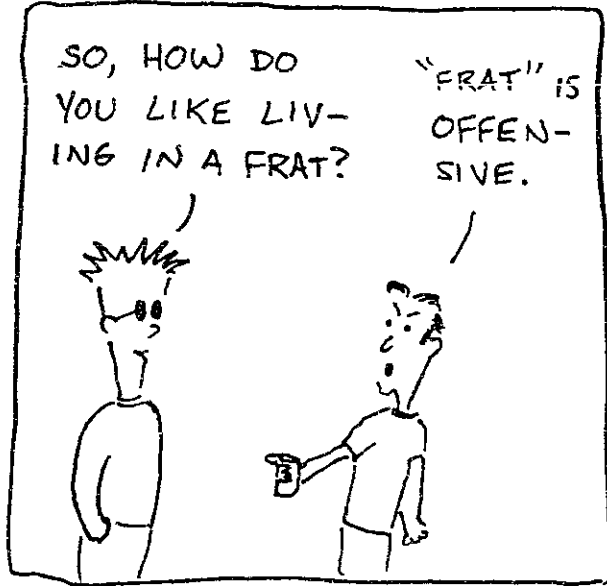
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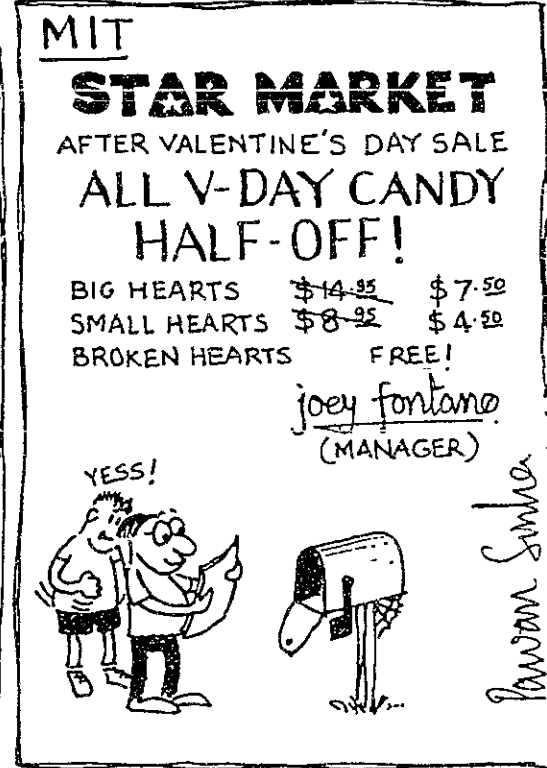
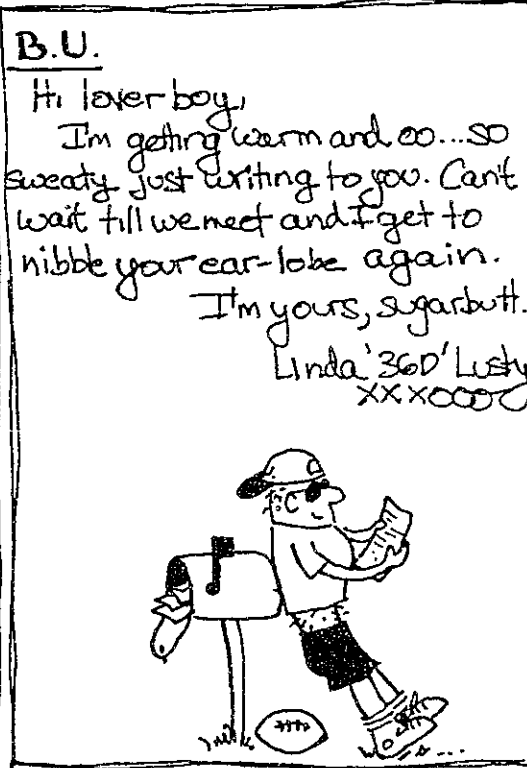
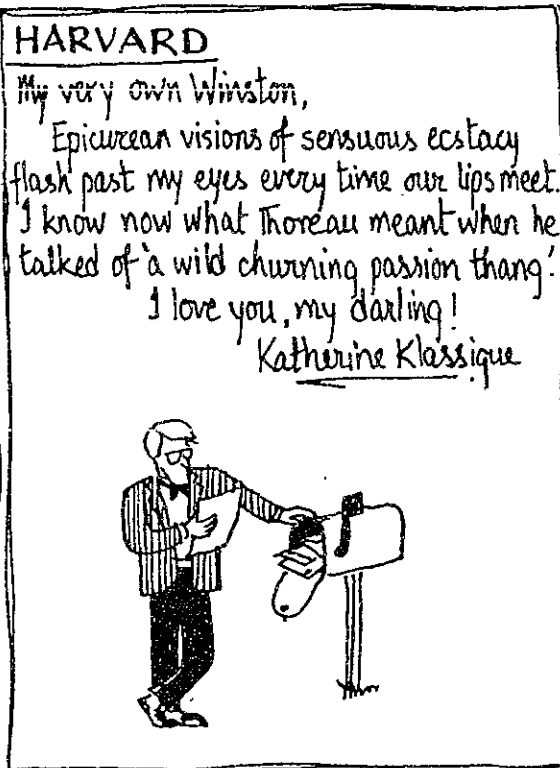
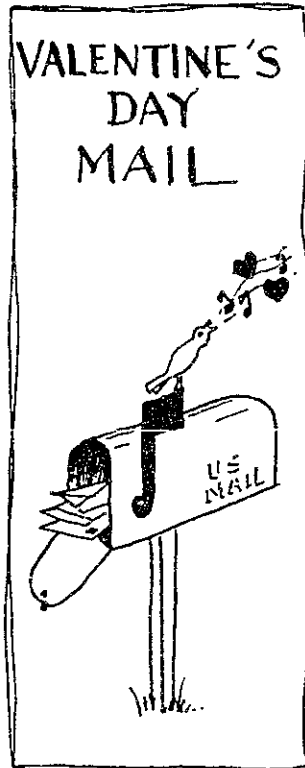
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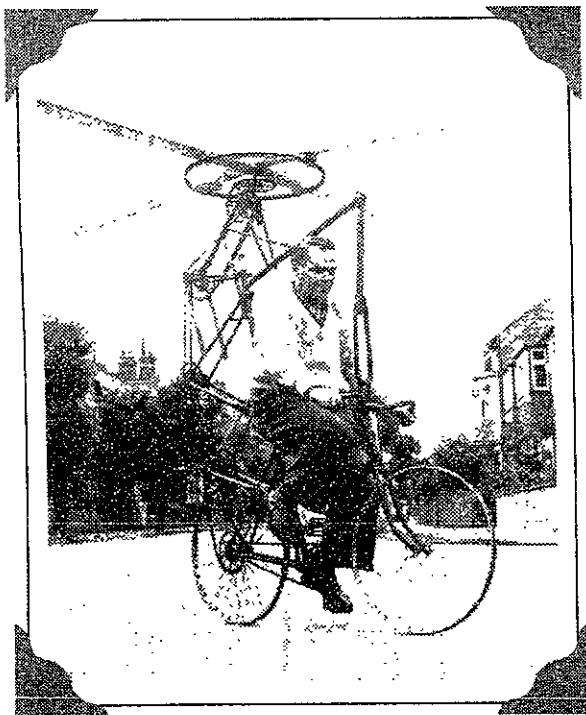


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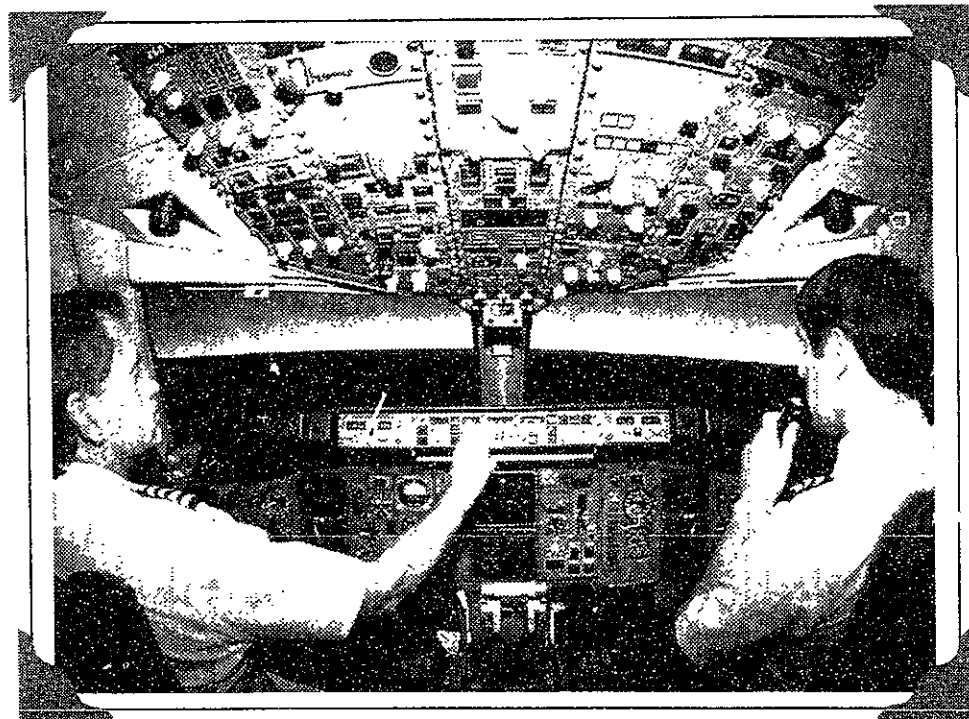
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# King Condemns Racism, Challenges Audience

King, from Page 1

King said that economic empowerment is the key to greater racial harmony today, reminding the audience that Rev. King was assassinated in a labor union organizing campaign questioning the "good of sitting on an integrated counter if you can't afford the meal."

## Oppose violence and hatred

King condemned racism as a trap that ensnares its victims in poverty, urban decay, and crime. Racism fosters fears and doubts, preventing schools from meeting their potential and dividing those who would normally share a common goal, she said.

Anti-semitism is "as reprehensible as racism," King said. Society is a vibrant mosaic of all cultures, rather than a melting pot of races, that can survive only if the required multicultural unity is present, she said. She saw this unity as an "essential tool for personal, political and economic empowerment."

King then challenged the students in the audience to "rise up and lead the the movement for economic and social justice." She asked them not to undermine their power to instigate social change and gave the termination of the Vietnam War as an example of the outcomes of such courageous intervention.

King requested public schools to employ experimental curricula that instill the values of Martin Luther King Jr.: honesty, tolerance to diversity, and standing up for what is right.

"Kids promise to adopt non-violence," she said. "Non-violence

helps us all feel that we can do something. ... You begin to love yourself and others"

She also predicted that applying such programs to law enforcement agencies and corrective institutions might minimize crime and violence, and they would "precipitate less violence" in the long run.

King implored students to move away from their own and their governments' "material-centered values to people-centered values." She dared them to embrace her vision of "children being safe and secure ... being able to enjoy as much education as they wished," and to pursue her dream of a "new national community."

As she concluded her address, King called upon the audience to meet the challenge that Dr. Martin Luther King Jr. emphasized in 1968: "The distinct desire to be first, the desire that runs the gambit of life." She asked the audience "to recognize that he who shall be greatest is your servant," and she demanded that they strive to be that servant.

## Vest proposes change

"There is some truth to claims of a fragmenting environment," said President Charles M. Vest about racial diversity at MIT before introducing King.

"As one moves across the undergraduate, the graduate, and the faculty bodies, one can see an increasingly distorted reflection of the America we aspire to achieve," Vest said.

Expressing his belief that "something can be done," Vest

announced the appointment of a presidential Committee on Campus Race Relations that would strive to "enhance an environment of mutual respect."

He also announced the establishment of a professorship that would carry the name of Robert R. Taylor, MIT's first African American graduate student.

King commended Vest for his "welcome innovations" at MIT and said that she looks forward to a report on the accomplishments of Vest's committee by next year's ceremonies.

However, King added, "You haven't done enough yet, and you're not alone in that." She said that MIT can further become a leader in nurturing a healthy form of diversity that would benefit the entire community by "preparing them to live in a multi-cultural society."

## Speeches, music open ceremonies

The day's events began at at 9:45 a.m. with speeches from the Black Student Union, MIT Hillel, the Interfraternity Council, and Institute administrative staff. The morning's events also featured a powerful flute recital by Linda L. Hughes, administrative and financial staff assistant in the graduate school office.

We need to "bridge the gaps between the different cultures of the world and to encompass the ideals of Dr. Martin Luther King Jr.," said Arnold R. Henderson Jr., assistant dean for Student Assistance Services, agreeing with the speakers.

After the speeches, the crowd marched four-abreast — as King had done in the 1960s — from Lobby 7 to Kresge Auditorium.

"To move beyond 1994, we must look behind 1994," said Andrew C. Humphrey, president of the Black Graduate Student Association, wel-



Members of the community participate in a symbolic march toward Kresge Auditorium on Friday, in commemoration of the life and dreams of Rev. Martin Luther King Jr.

THOMAS R. KARLO—THE TECH

coming the audience.

In the short speeches that followed, an MIT/Wellesley Upward Bound student and two MIT students conveyed their concerns regarding the interracial tensions that continue to plague society.

The students expressed their

indebtedness to Dr. King for "who he was, what he has done, and what he continues to do for all the black children in America." Moreover, they all saw the urgent need to face up to the challenges of today's world, challenges that seem very similar to those of the past.



A lecture demonstration by the Urban Bush Women — sponsored by the MIT Office of the Arts, Dance Umbrella, and the Black Student Union at MIT — will be given today at 6:30 in Kresge Little Theater.

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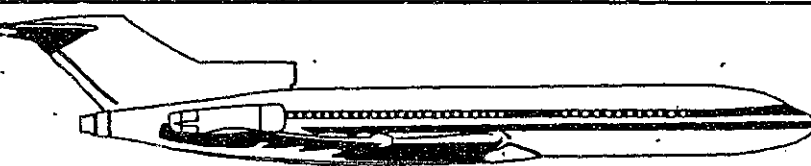
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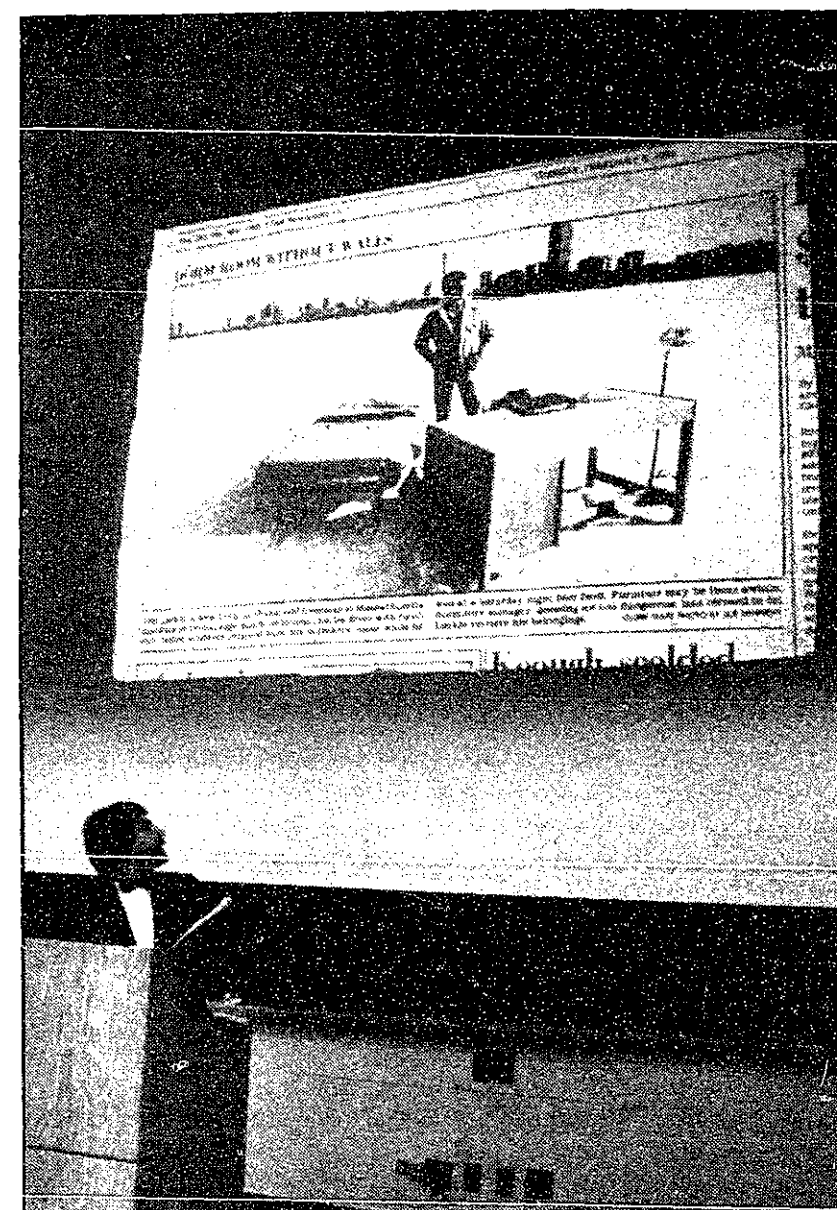
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VIPUL BHUSHAN—THE TECH

Brian M. Leibowitz '82 speaks at a Lecture Series Committee-sponsored talk about hacking Thursday evening in 10-250. The slide shows a freshman posing with dormitory furniture on the frozen Charles River in 1985, as reported in *The Boston Globe*.



SHARON N. YOUNG PONG—THE TECH

MIT students take a break from studying as they play an exciting game of snow football on Briggs Field Saturday.

## New 8.01 to Feature 20 Smaller Lectures

8.01, from Page 1

the course," Lewin said. But with 20 separate lecturers, the quality of instruction will vary from class to class, and students might "get stuck with mediocre teaching," he said.

Lewin also disagrees with the new policy which does not allow transfers between lecturers. "A large number of students are going to be unhappy," and forbidding transfers is an "insult to the students," he said.

Elizabeth Cooper, administrative officer for the physics department, countered, "Anytime you change a course like this there are always going to be people who think it's going to work and people who think it's not going to work."

The change was not necessarily because the course needed to be fixed, but the department "just wanted to try something that more actively involved the students in the teaching and learning process," Cooper said.

However, Lewin feels that the current version of 8.01 works well. "If it ain't broke, don't fix it," he said. "8.01 ain't broke."

### Not enough discussion

"While I think that these changes have some interesting aspects, I don't believe that students have had enough of an opportunity to comment on them," said Raajnish A. Chitale '95, head of the Undergraduate Association Committee on Educational Policy.

"It seems that the physics department used a rather unorthodox and closeted approach" in changing the course, said UA President Hans C. Godfrey '93. "There has not been enough community-wide discussion."

Students expressed concern over some of the other changes to 8.01. "There are not going to be 20 great professors," said Daniel P. Quintanilla '95. "Some people coming in need a better teacher than others."

In response to the new no-home-work policy, Randall T. Whitman '94 said, "Problem sets are pretty important to 8.01" for learning the material. There should also be more classroom hours in the new program, he said.

### Course changes explained

The full-sized lectures will primarily present demonstrations and "perhaps a little bit of a global philosophical outline" for the course, according to Busza, who will be the primary lecturer.

A package of course notes will replace the textbook as the central learning tool in the course, providing a "well-defined curriculum with no ambiguity," Busza said. The notes will tell students "in detail what they are supposed to learn."

The professors will "try to help the students as much as possible," Busza said. To provide additional instruction to students, many professors and teaching assistants will be available to assist the students every Thursday evening for two hours, according to Busza.

"Whether this experiment is a success or a failure depends to a large extent on the perception the students have," Busza said. It is "very important for the students to realize that this is different, and they should not be influenced by upper-classmen."

If the program is successful, it may be extended to all versions of 8.01 and Physics II (8.02).

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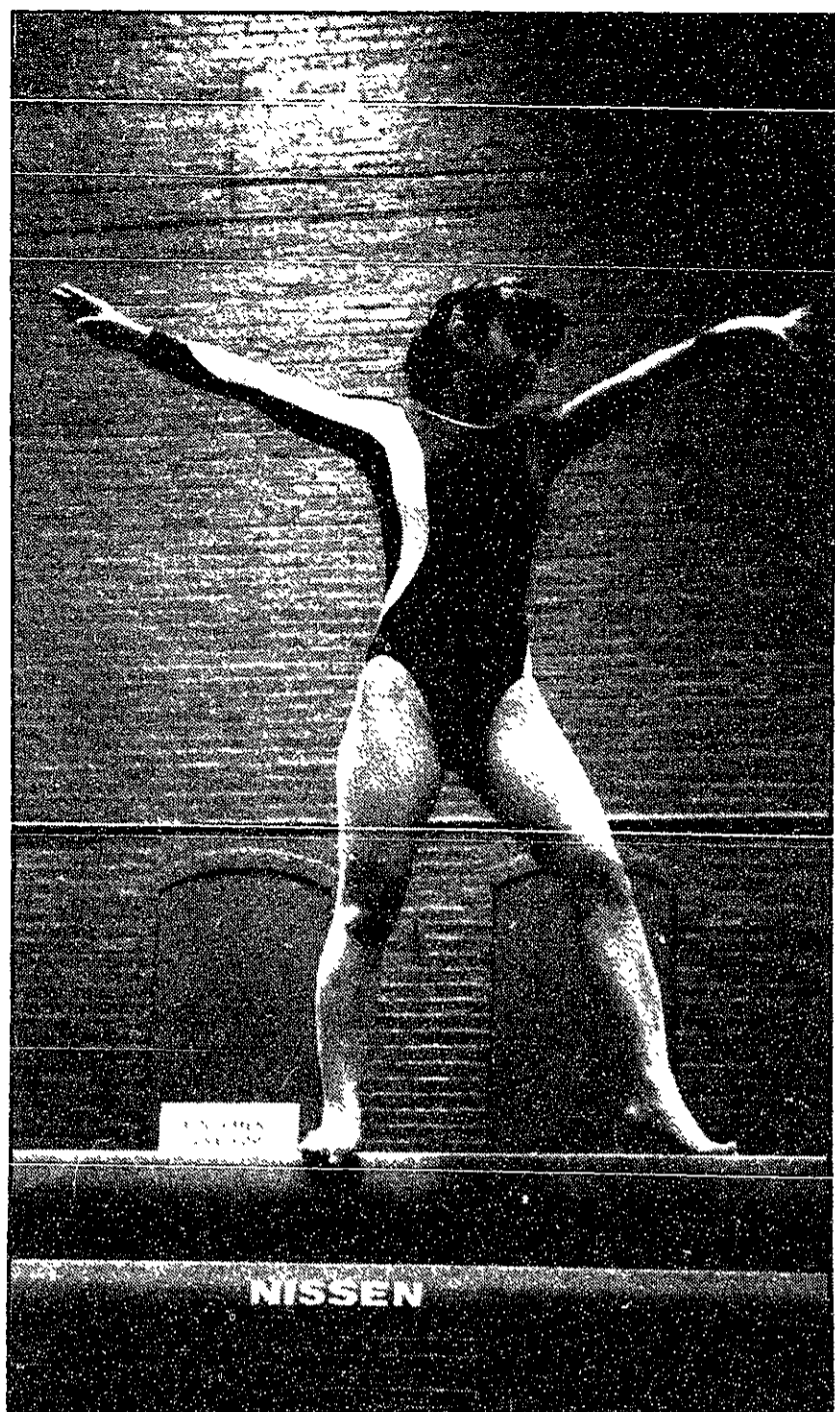
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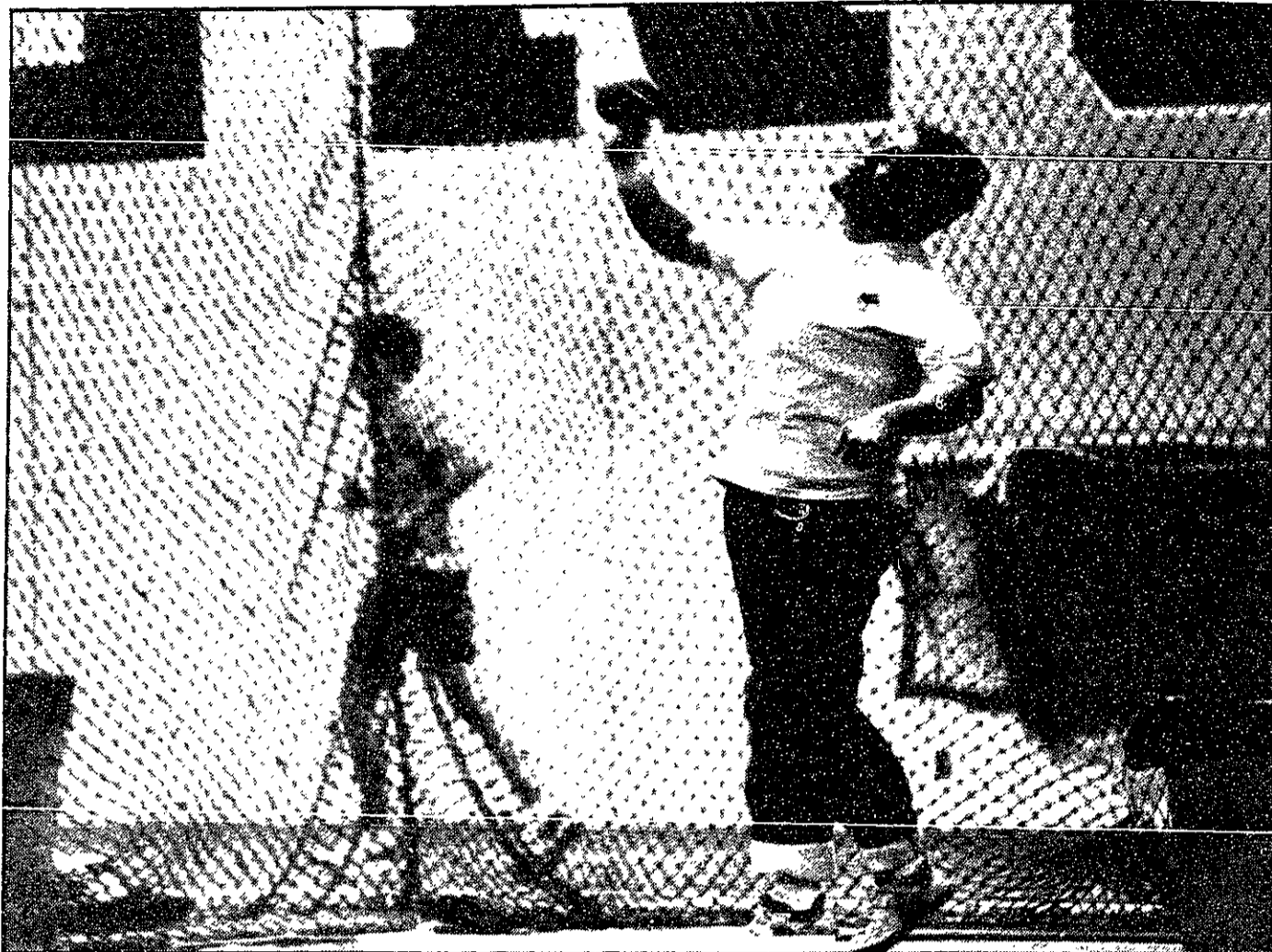


MIT's Oldest and Largest Newspaper



Beth Chen '97 exhibits agility and grace during the women's gymnastic meet held Saturday against Brown University.

THOMAS R. KARLO—THE TECH



John Wallberg '96 hurls the shot put at Saturday's track meet.

JOSH HARTMANN—THE TECH

## Track and Field Places 2nd To Ephs in Quad Cup Again

Track, from Page 16

22.86 seconds. Williams, however, took the next three places, and controlled the slightly longer sprint events. MIT was shut out of the top

three in the 400-meter run, and the Ephs managed a first and third place finish. Dan Corcoran '94 finished fourth with a time of 52.73. Marcelo Targino '96 captured first place in the 500-meter run with a winning time of 1:08.17, but the Ephs managed to take second and third. The Engineers received some help when a Williams runner false-started out of the race. After leaving too soon, he clearly expressed his anger on the way back to the sidelines.

MIT displayed some impressive individual performances in the distance events, but managed to gain only one of the top four places in each. Crain went from being out-sprinted in the 1,500, to outsprinting his opponents from Williams in the 800-meter run. Crain came in at a time of 2:01.12 in this race.

In the 1,000 meter run, Jerry Pratt '94 and two other Engineers held the top three spots at one moment in the race. However, the field started increasing the already blistering pace, and only Pratt was able to stay in the front. Charles Kurtz of Williams passed Pratt on the final lap and maintained the lead on the final sprint to win the race. Pratt finished a little more than a second behind, with a time of 2:35.74.

In the 3,000 meter run, the Engineers and the Ephs dominated the top six places throughout the entire race. The story of this race was much the same as the entire meet. Jesse Darley '95 prevented a 1-2-3 sweep by placing third, with a time of 8:46.5.

After that race, Williams clinched the team victory, leading MIT by a score of 229 to 197.5. Thus, the final relay events lost some of their usual excitement, as the cheers were more for the individual efforts of the team members, rather than for the overall team result. Williams increased its lead by winning the 4x400-meter relay, defeating MIT — represented by Elliott Mason '94, Edgar Ngwenya '96, Dan Corcoran '94, and Marcelo Targino '96 — and ECSU by more than 9.5 seconds. In the final event,

however, the distance medley relay foursome of Jerry Pratt '94, Kevin Knoedler '94, Tarik Saleh '95, and Karl Munkelwitz '95 won, posting a time of 11:16.55, easily beating Williams and WPI.

This was the second time the Engineers placed second to Williams College in the Quad Cup. Moreover, MIT has lost to Williams for three years in a row. Incidentally, before the losing streak, MIT had defeated Williams eight consecutive times.

Despite the result, head coach Halston Taylor had some positive things to say about the meet. "We had a great meet," Taylor said. "We didn't lose the meet. They [the Williams team] were just better." He pointed out that many of the athletes for MIT had performed better at this meet than at the Greater Boston Indoor Classic the previous week, where many team members set personal and season bests. Taylor now looks on to the upcoming New England Division III Championships, where he is hoping for a team finish somewhere among the top three places.

### Focus shifts to individuals

For the Engineers, the primary focus for the remainder of the season will be on individual performances. This weekend, at least 30 of the team members who qualified will head to the New England Division III Championships at Bates College. Despite a disappointing sixth place finish last year, the Engineers have enjoyed some success in the meet. MIT last won the team title in 1990.

All meets after the regional competition will be invitational events for individuals. The biggest event will be the NCAA Division III Championships, taking place at the University of Wisconsin-Oshkosh, in the middle in March. Robinson and Wallberg have qualified for the national meet in the pole vault and the 35-lb weight throw, respectively. Taylor expects a few others from MIT to qualify in the near future.

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**Interviews of Finalists:**  
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**Announcement of winners:**  
May 9, 1994

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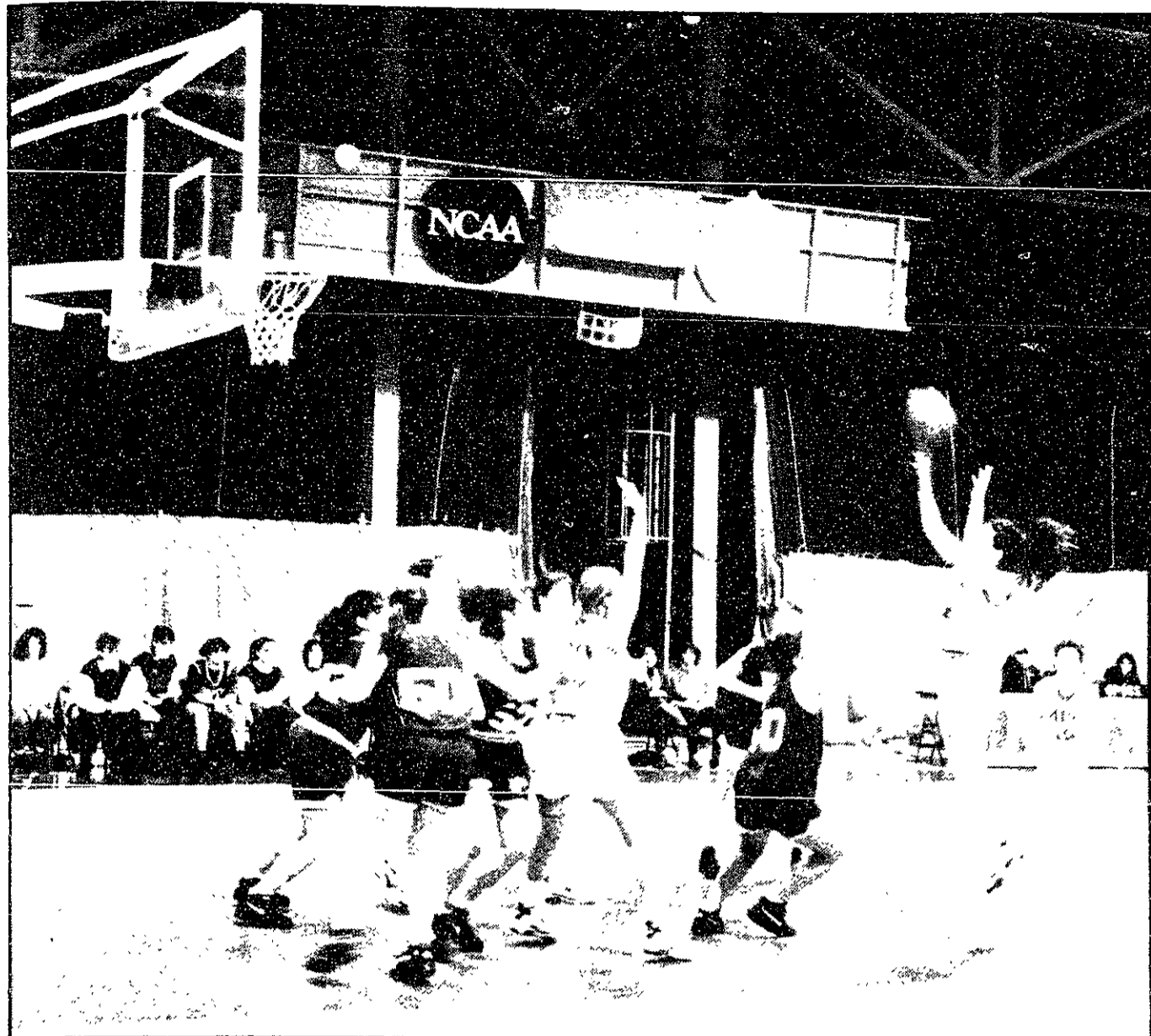
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JASON FLEISCHER—THE TECH

Jennifer Boyle '96 takes a jump shot during Thursday evening's basketball game against Worcester Polytechnic Institute. MIT lost the game, 75-74.

# Final Foul Most Fateful for MIT

Basketball, from Page 16

shot 39 percent and WPI 32 percent. Both teams also did poorly at the line, shooting 54 percent and 58 percent, respectively.

Individually, guard Tammy A. Porter '94, Casserberg, and Ratliff tied for the halftime scoring lead with eight.

In the second half, the lead changed hands numerous times as neither team could mount a run to put the game out of reach. WPI tied the game at 37-37 at 1:30 in the half. Then, MIT mounted a small run which gave them their biggest lead at 49-42 on a Casserberg field goal at 12:17. However, center Kim Landry tied the game again at 53-53 with 9 minutes left. For the next 7 minutes, one team would get a two point lead, but the other would quickly tie the game. MIT got its final lead on two free throws by Ratliff to lead 71-70 with 2:03 left. WPI scored the next four points to lead 74-71 before Doane tied the game on free throws at 74-74 with 10 seconds left.

On a questionable foul call, forward Cindy Moser went to the line for two shots. She made the first,

and missed the second, giving WPI the win at 75-74 when MIT could not get a closing shot off before the clock expired.

The teams both shot poorly for the second half. MIT finished the game shooting 37 percent from the floor while WPI shot 36 percent. MIT improved its shooting from the line, ending the game at 59 percent. However, MIT lost the game on the boards, since WPI had seven more offensive rebounds, 28 to 21, and 12 more overall, totaling 66 to 54.

Individually, Casserberg led the team with 21 points while Ratliff finished with 17. Davis and Porter added 10 each. Casserberg also led the team with 11 boards while Ratliff added eight.

Head basketball coach Suzan Rowe commented about the WPI game. "We handled the press pretty well. ... The kids really played well. It didn't come down to the final free throws. It came to missed rebounds in the first half, turnovers."

The team will play today at Babson and Thursday at Rockwell Cage against Pine Manor College for its final home game.

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# mit medical

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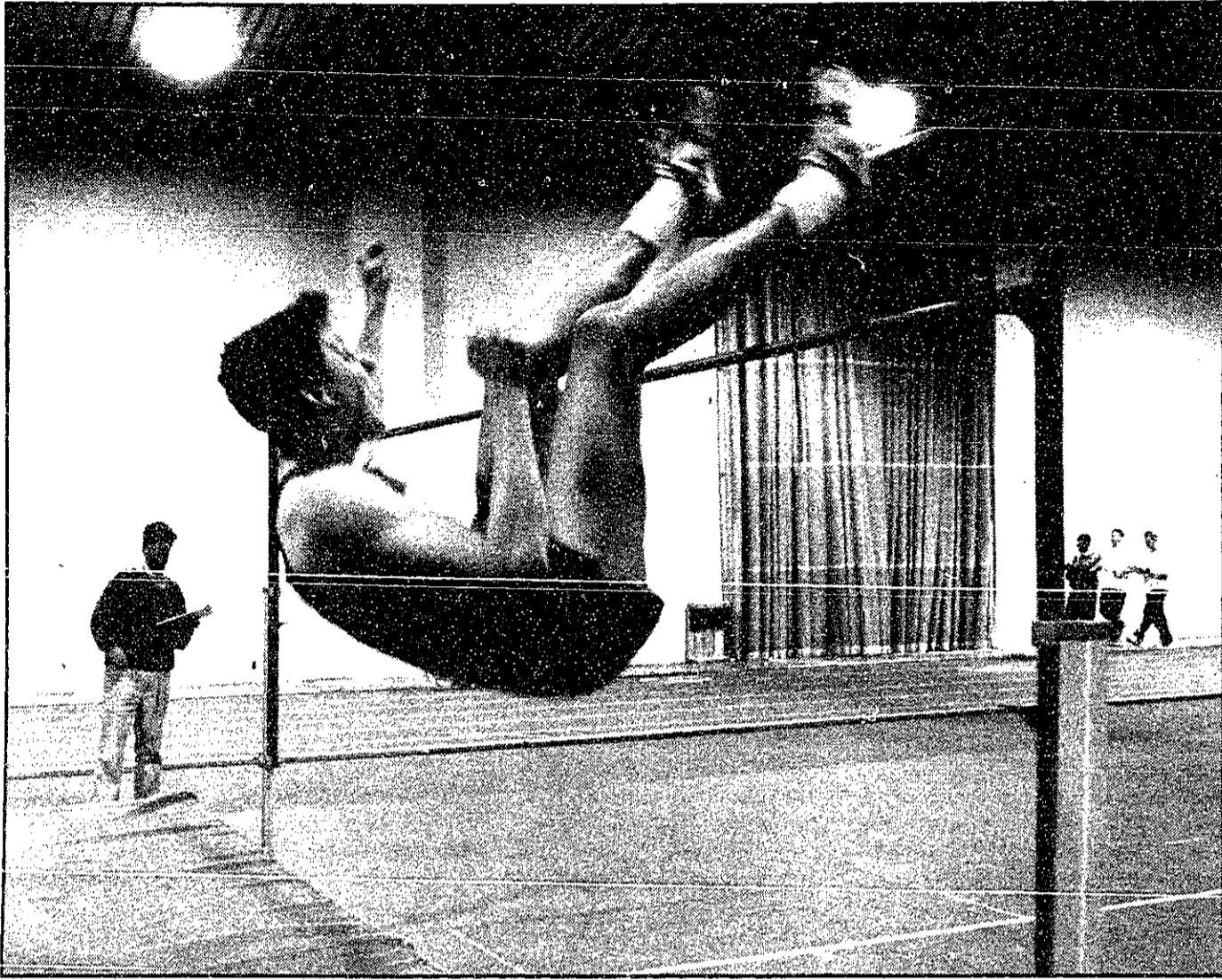
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## SPORTS

## Ephs Run, Jump, and Throw Past Engineers



JOSH HARTMANN—THE TECH

Andrew Ugarov '95 clears a high jump at Saturday's track meet.

By Daniel Wang  
ASSOCIATE SPORTS EDITOR

"There's strength in numbers."

This certainly seemed to be the case when the men's indoor track and field team took on Williams College in a Quad Cup meet at the Johnson Athletic Center Saturday. Although there were other teams competing in the meet — Eastern Connecticut State University, Westfield State College, and WPI — the battle was between MIT and Williams from the outset. The Engineers and the Williams College Ephs combined to win all but one of the 17 events.

Unfortunately, more of the wins, places, and shows went to the Ephs, as they outscored MIT, 265 points to 228.5. The next highest team, ECSU, finished with 39.5 points. Williams effectively handed the Engineers their first loss of the season and remained undefeated while capturing the Quad Cup championship. After this, the final head-to-

head competition of the season, the Engineers ended up with a record of 18-1-0.

The problem was not the number of team members — MIT had the most participants in the meet — but the number of people who scored in the top four or five places, which added to the team score. From the beginning, the Engineers knew that every placing in every event would be critical; every place won over the opponent would make a big difference. Williams also seemed to know that.

#### Action on the infield

As always, the meet opened up with the field events. The highlight turned out to take place in the 35-pound weight throw. With two challengers from Williams throwing over 50 feet, John Wallberg '96 launched the weight a distance of 54'7-1/2" on his third of six throws, taking first place. However, Williams showed its depth by taking

the next three places. In the shot put, Wallberg managed a third place, while Williams took the remaining four of the top five places.

There was also some excitement in the high jump area, as James Kirtley '94 and Andy Ugarov '95, along with two other jumpers from Williams were the only ones left with the bar set at a height of 6'3". As the bar went higher, the field diminished by one person at a time. Richard Campin was eliminated at 6'3". Kirtley's timing was off on all three of his jumps, and could not clear 6'5". Ugarov and Williams' Todd Ducharme both managed to clear that, and also at 6'7". Afterwards, both requested a height of 2.04 meters (equivalent to about 6'8"), the qualifying height for the NCAA Division III national championships.

Ugarov gave all that he had, but could not soar over the bar. Ducharme cleared the height and

won the event. But he chose not to go further to save himself for other events. He would later become a scoring machine for Williams, as well as a nemesis of MIT, earning team points in six events.

Williams increased its lead over MIT in the horizontal jumping events. In the long jump, Clayton Kempain of ECSU was the only competitor not from MIT or Williams to take first in an event, leaping 22'3" on his very first attempt. Ducharme came in second, despite passing on his last four jumps after traveling 20'6-1/2". Hung Hoang '96 provided the best result for the Engineers, taking third with a distance of 20'5-1/4". Williams and MIT then captured fourth and fifth place, respectively, with Micky Williams '94 providing a 20'1-1/4" effort for the Engineers.

The triple jump, the last field event of the day, did not look too much brighter for the Engineers. Williams won three of the four top spots. Morio Alexander '96 jumped 43'6-1/4", more than a foot behind the winner, but enough to prevent a 1-2-3-4 sweep by the Ephs. Interestingly, MIT took the fifth, sixth, and seventh places.

Among field events, the highlight for the Engineers came in the pole vault, where they had a sweep of the top three places. Matt Robinson '94 passed on the first few heights, but then secured the event on his first attempt at a height of 14'3". He later cleared 15'6", then requested the bar to be moved up to 16'0", a few inches below his

record-setting personal best. Unfortunately, he could not summon enough energy on his three attempts to clear the bar. William Arnold '94 and Paul Ogagan '97 came in second and third, respectively. Both had cleared 13'3", but Arnold did so in fewer attempts.

#### Mixed results on the track

The running events, as always, provided much excitement. However, despite the best efforts put forth by the Engineers, it was the Ephs who were doing the cheering.

Things got underway with the 1,500-meter run. Ethan Crain '95 held the lead most of the way, but lost his lead on the last turn and could not outspurt his opponent. The pace was quite fast, as Crain posted a time of 3 minutes 58.44 seconds. Williams also had runners coming in third and fourth places.

Williams also captured the sprint events, with MIT runners finishing close behind. In the 55-meter high hurdles, Ducharme won his second event with a time of 7.78 seconds, edging Ogagan, who came in at 7.92. There was an ever closer finish in the 55-meter dash, where Matt Sandholm '96 and Brent Wilson of Williams tied with a time of 6.59 seconds. However, the photo of the finish showed that Wilson had barely beaten Sandholm to the finish line.

Sandholm gained redemption by winning the 200-meter dash, using his scorching speed to finish in

Track, Page 14

## UPCOMING HOME EVENTS

#### Tuesday, Feb. 15

Squash vs. Harvard University, 4 p.m.  
Men's Volleyball vs. Dartmouth College, 7 p.m.  
Women's Ice Hockey vs. Holy Cross College, 7 p.m.  
Men's Basketball vs. Norwich University, 7:30 p.m.

#### Wednesday, Feb. 16

Men's Ice Hockey vs. Bryant College, 7 p.m.

#### Thursday, Feb. 17

Squash vs. Brown University, 5 p.m.  
Women's Basketball vs. Pine Manor College, 7 p.m.  
Women's Ice Hockey vs. Connecticut College, 7 p.m.

All event dates, times, and locations are subject to change.

## Women's Hoops Beats Suffolk, Loses to WPI at Last Second

By Daniel Wang  
and Thomas Kettler  
STAFF REPORTERS

The women's basketball team improved its record to 8-12 by defeating Suffolk University by a score of 89-66, Saturday at Rockwell Cage. The Engineers were in constant control of the game, scoring almost equally in both halves.

The victory against Suffolk made up for the tough home game loss Thursday on a final second free throw 75-74 to WPI. As a result, MIT is now 0-5 in the New England Women's Eight Conference.

The Engineers jumped out in the first half of the Suffolk game by shooting 42 percent from the field, slightly better than the 35 percent effort put forth by the Rams. MIT increased its dominance by taking advantage of fouls, missing only one shot from the free throw line, to shoot a phenomenal 92 percent and add 11 points to the scoreboard. MIT also won the battle of the boards, outrebounding Suffolk on both ends of the court, for a total of 27 to 11. Guard Sarah Davis '97 made the only three-pointer taken in the opening half to give the Engineers a perfect three-point shooting percentage. The total result was an MIT lead of 44-33 at halftime.

The Engineers had lower numbers in the second half, but still maintained control. They took further advantage of Suffolk fouls to make 17 of this half's 26 shots from the line. Although their shooting from the stripe fell to 65 percent, they still kept their edge on the Rams.

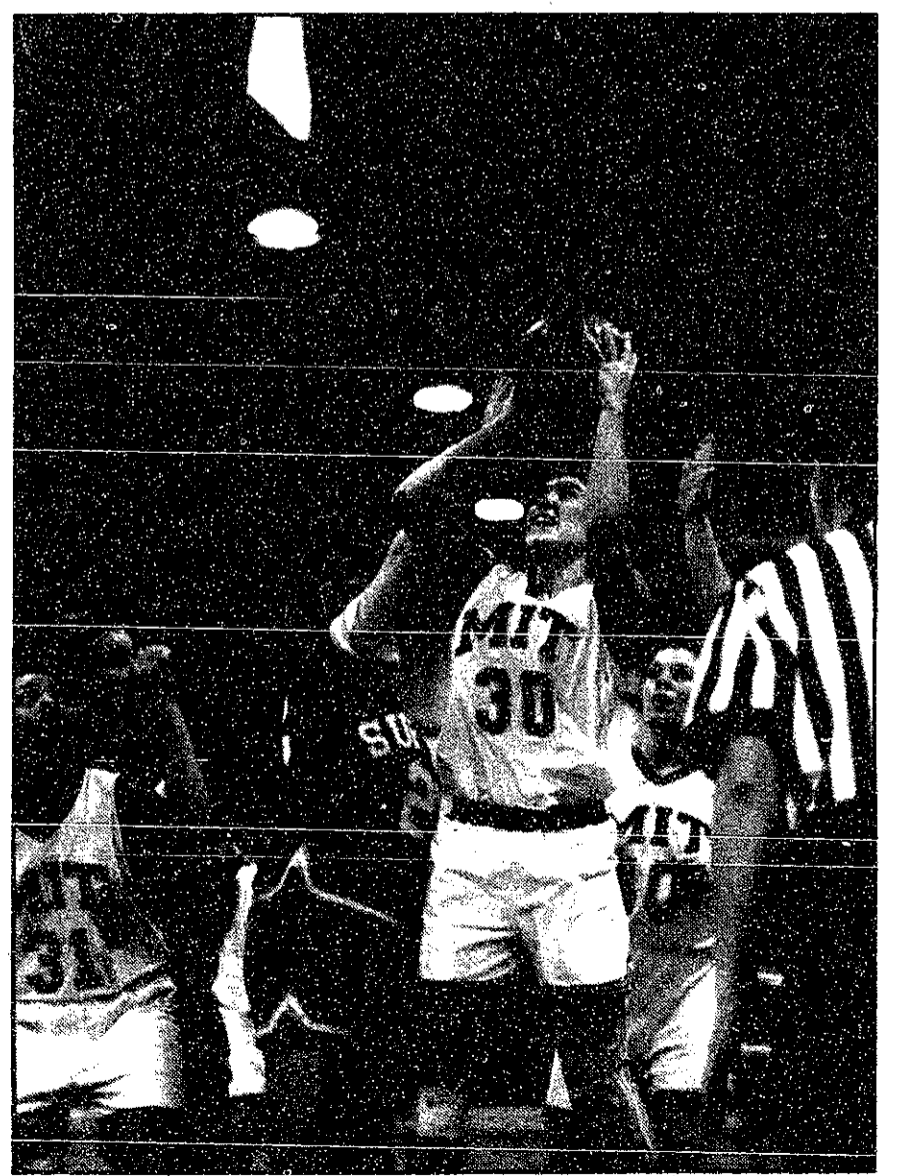
The Engineers had a 40 percent field goal percentage for the entire game. Davis took another three-point attempt in the second half, but missed, to give the team 50 percent success from the arc. The most surprising statistic was free throw shooting, where the Engineers made an above-average 74 percent from the charity stripe, making 11 more such shots than their opponents. Rebounds also seemed to be a key factor, as the Engineers grabbed 58 boards, compared to 40 by Suffolk.

Four of the five starters scored in double figures in this game. Forward Mari Casserberg '94 led the team in scoring and rebounding, with 22 and 12 points, respectively. Davis and center Kristin Ratliff '95 followed Casserberg, both scoring 19 points. Forward C.J. Doane '95, added 16 points to the winning effort.

#### MIT loses against WPI

In the first half of Thursday's match, MIT let WPI take a lead early on before coming back to lead 35-31 at halftime. Early in the game, neither team could score, and WPI led at the midpoint of the half, 14-10. With five minutes in the half, WPI took its largest lead at 27-19. However, MIT came tied up the game at 29 as center Kristin Ratliff '95 converted a three point play. Forward Amy Mackay '97 closed the scoring on a bucket with 30 seconds left.

Neither team shot well from the floor; MIT only



THOMAS R. KARLO—THE TECH

Marl Casserberg '94 shoots against Suffolk University, leading MIT to an 89-66 win Saturday afternoon.

Basketball, Page 15