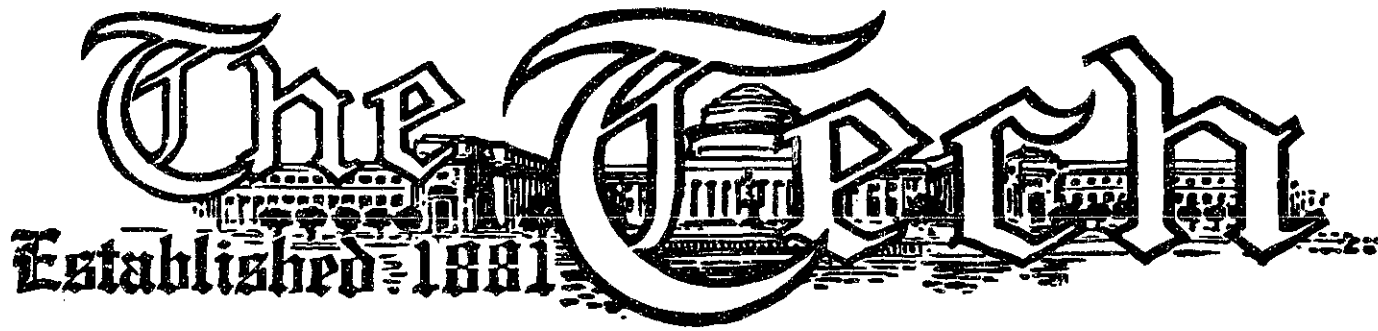


MIT's  
Oldest and Largest  
Newspaper



**The Weather**  
Today: Partly, cloudy, 73°F (22°C)  
Tonight: Coldy, showers, 60°F (15°C)  
Tomorrow: Rain, 70°F (20°C)  
Details, Page 2

Volume 113, Number 48

Cambridge, Massachusetts 02139

Friday, October 8, 1993

# McHugh Guilty, Sentenced to 20 Years

## Teen Convicted of Murder, Robbery in Raustein Murder Case

By Sarah Y. Keightley  
NEWS EDITOR

A Cambridge District Court judge found Shon McHugh, 16, guilty of killing Yngve K. Raustein '94 and sentenced him to 20 years in prison after a three-day trial that ended yesterday. On Sept. 18, 1992, McHugh fatally stabbed Raustein during a robbery attempt with two other Cambridge teenagers.

McHugh was convicted of felony murder and armed robbery as a juvenile and now faces the maximum sentence of 20 years incarceration. His attorney, Robert A.

George, appealed the decision after it was announced.

McHugh had waived his right to a jury trial. The trial included testimony from McHugh, Arne Fredheim G, who was walking with Raustein, and Alfredo Velez, who was one of McHugh's companions, along with technical witnesses. Velez testified for the prosecution in exchange for pleading to the lesser charge of manslaughter instead of murder.

Last September, Raustein and Fredheim, both international students from Norway, were walking

east on Memorial Drive near Hayden Library at 9:45 p.m. when they were confronted by Joseph D. Donovan, then 17, Velez, then 18, and McHugh, then 15. Donovan, apparently without provocation, allegedly punched Raustein, knocking him to the ground. Donovan then robbed Raustein while Velez robbed Fredheim. When Raustein started to get up, McHugh allegedly stabbed him between the seventh and eighth ribs.

During McHugh's trial, Middle-

McHugh, Page 11



Shon McHugh, shown here in an earlier appearance in Cambridge District Court, was convicted of felony murder and armed robbery.

## '93 Deficit Totals \$10 Million

By Jeremy Hylton  
EDITOR IN CHIEF

The Institute recorded a deficit of \$10.1 million for fiscal year 1993, according to a report released recently by James J. Culliton, vice president for financial operations.

In May, Culliton had projected an \$8.5 million shortfall, but changes in government reimbursement for indirect research costs, an increasingly needy undergraduate population, and a drop in gifts to the Institute caused the increase in the deficit.

The original budget deficit predicted in May 1992 was only \$3.3 million.

Currently, Culliton predicts deficits of \$13.6 million for the current fiscal year, \$11.8 million for fiscal year 1995, and \$9.0 million for 1996.

Despite the continuing deficit problems, Culliton emphasized that MIT is still a financially strong institution. "We don't need draconian measures, but we really need to think very thoroughly and carefully

about all the ways we can decrease costs and increase income" and maintain the Institute's leading position in education and research, he said.

"It is difficult to meet all objectives of reasonable growth in tuition and self-help levels, competitive salaries for faculty and staff, and need-blind admissions," Culliton wrote in his annual financial report.

### Money from endowment used

The actual gap between revenues and expenses for fiscal year 1993 was \$15.4 million on \$1.1 billion in revenues. To cover the operating gap, \$5.3 million of unrestricted gifts, grants, and bequests to MIT were used instead of being placed in the endowment.

The official budget deficit is the difference between expenses and revenues, less the amount of unrestricted gifts not placed in the endowment.

Another \$3.1 million of money from the endow-

Budget, Page 13

## Speakers Discuss Abuse of Power

By Jeremy Hylton  
EDITOR IN CHIEF

A student activist and a lawyer discussed the power relations that cause harassment and make perpetrators of harassment hard to punish at a fund-raiser for the Ad Hoc Committee Against Harassment's legal defense fund on Wednesday afternoon.

Tommie A. Henderson '95 spoke first at the event, which began shortly after 5 p.m. in Room 54-100. Henderson helped to organize the Black Students' Union protest outside Phi Beta Epsilon during Residence and Orientation Week. The second speaker, Eric MacLeish Jr., is a lawyer and noted defender of harassment victims' rights.

Henderson focused on the methods and goals of the protest at PBE. The BSU organized the protest in response to an incident last spring, when racial epithets were shouted at four black students as they walked by PBE.

The BSU was not pleased with the administration's response to the incident, and "one of the biggest things was that PBE was not responding at all to this situation," Henderson said.

Because the BSU had little power to force a response from PBE, it held the protest during Residence and Orientation Week to threaten PBE's rush, Henderson said. "PBE needed these freshmen, therefore they needed good PR during this time frame. We needed PBE to talk about this issue," he said.

The protest served a two-fold purpose: It encouraged PBE to enter into a dialogue with the community and it made the freshmen who did pledge PBE very aware of the issue of racism, Henderson said.

Henderson illustrated his talk with two metaphors. First, he said he believed not only in the Golden Rule but in the Bronze Rule: if someone makes you feel bad, make them feel that way too. He emphasized that the victim does not need to repay the perpetrator, but rather that the victim should make the perpetrator understand the hurt he feels.

Second, he said, "A man holding a gun to your head is more likely to get shot than you are." He used the metaphor to explain that victims of harassment should not let the hurt and

Harassment, Page 17

## Crowding Levels Down from 1992

By A. Arif Husain

Despite the administration's efforts to limit crowding to around 165 students, 179 undergraduates are living in crowded rooms as of yesterday. This shows a slight improvement from the 198 crowded students from this same period last year, according to Kenneth R. Wisentaner, associate director of housing and food services.

After Residence and Orientation Week, 225 students remained in rooms that were filled over their official capacities. Since then, many students have accepted late bids from independent living groups or moved to dormitories with vacancies, leaving the total number of crowded students at 179. The high crowding rate is attributed to a large freshman admittance rate and to this year's 80 transfer students, said Lawrence E. Maguire, director of housing and food services.

Until recently, transfer students were not accounted for in the assessment of guaranteed housing. Last year's 198 crowded students included the 20 transfer students who were housed in Westgate, a graduate dormitory. This year, no undergraduates were housed in the graduate dormitory system, Wisentaner said.

With no crowding, the Institute dormitory system can house 2,614 undergraduates. It has the capability of housing 227 students in crowded quarters. Crowding can not be elim-

inated for financial reasons, Maguire said. Instead, the administration attempts to keep it within a comfortable range of about 165 crowded rooms, which it considers to be an acceptable median.

"I think crowding is a bad idea," said Eric Gravengaard '97, a MacGregor House resident living in a crowded room. "When you start planning to crowd every year, then it's not really crowding. They need to get weaned off of this idea," he said.

The most crowded dormitory is Burton House with 33 crowded students. East Campus follows with 31 crowded students, Next House with 28 crowded students, and MacGregor with 27 crowded students, according to Wisentaner.

Currently, 22 vacancies exist in the undergraduate dormitory system: one in Bexley Hall, two in MacGregor, five in Random Hall, and 14 in Senior House, Wisentaner said. Two vacancies still remain in MacGregor, despite the 27 crowded students there because certain students did not want to decrowd, he explained.

There are also some spaces available in Huntington Hall, the Boston dormitory that MIT is leasing from the Massachusetts College of Art to relieve overcrowding. "My understanding of Huntington is that there are 68 rooms with a headcount of 52," Wisentaner said. The Office of the Dean for Undergraduate Education and Student Affairs is in

charge of Huntington, while the housing office jurisdiction only encompasses the on-campus dormitories, he said. Huntington is being subsidized by the Dean's Office.

### Committee discussing options

MIT administrators, members of a committee to search for ways to alleviate crowding, met recently to discuss possible revisions of the current housing policy.

The committee includes President Charles M. Vest, Director of Admissions Michael C. Behnke, Maguire, Associate Director of Planning Robert K. Kaynor, Director of Special Services Stephen D. Immerman, and Dean for the ODUESA Arthur C. Smith, who is chairing the committee.

Maguire called housing a "top priority." He said, "Much of what is going on involves looking at current resources. This is a big year for re-engineering the system."

The major goals of the committee are to evaluate available resources and to assess possibilities for improvement, Maguire said. Immediate objectives include bringing present crowding to within the acceptable range and establishing a long-term course of action to prevent such high crowding rates in the future.

Although the idea of a new dormitory has come up, no definitive plans have been announced.

(Sarah Y. Keightley contributed to the reporting of this story.)

# WORLD & NATION

## Ginsburg's Performance in 1st Week On High Court Impressive

LOS ANGELES TIMES

WASHINGTON

In her first week as a Supreme Court justice, Ruth Bader Ginsburg has emerged as the new star on the bench.

In one session of oral arguments after another, on subjects as diverse as voting rights, drug paraphernalia and the Federal Mine Safety Act, the new justice peppered competing attorneys with dozens of polite, but pointed questions.

She poked large holes in arguments put forth by prominent Washington lawyers. During several sessions, she clarified where the two sides actually disagreed. And in nearly every instance, she displayed a remarkable grasp of the law and the thick lower court record.

Ginsburg's snappy style and impressive grasp of the legal complexities stands in sharp contrast to virtually all other newcomers to the court. Typically, rookies sit quietly on the bench, listening but adding little to the arguments. Because of the heavy work load, most new justices say it takes a year or more to feel comfortable during the arguments.

"She was incredible," said one lawyer who sat through three hours of argument on Monday in which Ginsburg asked 46 questions. "She was very pointed in focusing the cases. Not berating the attorneys, but narrowing the issue. And she was totally on top of the record," he said.

## Spending Bills Altered to Pave Way For Cuts In Federal Work Force

THE WASHINGTON POST

WASHINGTON

Congressional appropriators, bowing to a last-minute request by the Clinton administration, have altered 1994 spending bills to pave the way for substantial reductions in the size of the federal work force.

The Office of Management and Budget sought the changes late last month as a first step toward eliminating 252,000 jobs over five years, a key element of the administration's National Performance Review plan.

With Senate Appropriations Committee Chairman Robert C. Byrd, D-W.Va., leading the way, House and Senate appropriators agreed to eliminate mandated personnel levels in dozens of federal departments and agencies — from the Farmers Home Administration to the Indian Health Service — to make it easier to shrink the government.

The personnel floors were dropped from spending bills that cover the Agriculture Department and the Food and Drug Administration; the Labor, Education and Health and Human Services departments; and the Treasury Department and U.S. Postal Service. Leon E. Panetta, director of the OMB, warned that unless those provisions were eliminated, a third of the non-Defense Department civilian work force would be exempt from reductions.

"The problem we were concerned about is having our hands tied so that ... it would make it impossible to look at all the agencies and departments to see where savings could be achieved," Panetta said Thursday.

He said the administration hopes to eliminate 100,000 of the 252,000 targeted positions by fiscal 1995.

## FDA Takes Action to Cut Number of Birth Defects

THE WASHINGTON POST

WASHINGTON

The Food and Drug Administration took action Thursday to cut the number of birth defects in America through flour power.

The agency published new regulations that require makers of grains and breads labeled "enriched" to add folic acid, a chemical that has been linked to reduction in birth defects, to their products.

The regulations also allow food companies and manufacturers of vitamins and other dietary supplements for the first time to tout the beneficial effects of folic acid on product labels and in advertising.

Since 1991, scientific studies have shown a link between taking 4 milligrams of folic acid a day and a reduction in neural tube defects. These devastating abnormalities include spina bifida (an imperfect closure of the spinal column, which often leads to brain damage and paralysis) and anencephaly (little or no brain tissue).

## WEATHER

### Changes Ahead

By Michael Morgan  
STAFF METEOROLOGIST

A subtropical cyclone with copious moisture will be moving north-northeast along the East Coast the next 36 hours. At the same time, a cold front located in central New England will drop southward. The interaction between these system spells unsettled weather for at least half of the weekend. The cyclone should arrive first — bringing with it, moderate to heavy rains early Saturday. The cold front should arrive early Saturday evening — with it a few showers and thunderstorms. Cooler, drier weather is anticipated for the following days.

**Today:** Becoming partly cloudy. High 73°F (22°C).

**Tonight:** Clouding up. Showers arriving. Low 60°F (15°C).

**Tomorrow:** Rain, possibly heavy at times early, then cloudy, muggy, and mild. Showers redeveloping toward late afternoon. High 67-71°F (19-22°C). Low 50°F (10°C).

**Sunday:** Partly sunny and cooler. Highs around 60°F (16°C). Low 43°F (6°C).

# Clinton Orders 5,300 Troops to Somalia; Vows End in 6 Months

By John M. Broder

LOS ANGELES TIMES

WASHINGTON

President Clinton Thursday ordered 5,300 new combat troops and an aircraft carrier to Somalia "to protect our troops and to complete our mission," and at the same time he announced that he would bring all American combat forces home by March 31.

He said the objective of the new deployment was to give the Somalis a reasonable prospect of survival in conditions of near-anarchy and factional warfare. Regardless of the success of the new mission, he vowed to end the U.S. military presence in Somalia in six months.

In his first public explanation of why American troops were in that lawless land and when they would be getting out, Clinton said he had rejected calls from Congress and elsewhere to "cut and run" from Somalia because he believed that both Somali lives and American credibility were at stake.

"We face a choice," the president said. "Do we leave when the job gets tough or when the job is well done? Do we invite the return of mass suffering or do we leave in a way that gives the Somalis a decent chance to survive?"

Clinton argued that the United States had an obligation to try to complete a humanitarian effort begun 10 months ago. "We started this mission for the right reasons and we're going to finish it in the right way," Clinton said.

He also said he would not withdraw now with American soldiers in Somali hands or listed as missing.

## U.N. Officials Misjudged Size Of Aidid Militia, Armaments

By Keith B. Richburg

THE WASHINGTON POST

NAIROBI, KENYA

As two more American soldiers died from fighting in Somalia, senior U.S. and U.N. officials in Mogadishu acknowledged Thursday that they may have vastly underestimated the size of Mohamed Farrah Aidid's militia and the amount of heavy weapons at his disposal.

An Army Ranger was killed in a mortar attack against the Rangers' encampment at Mogadishu's airport Wednesday night, U.S. spokesmen said Thursday, and 12 other U.S. soldiers were wounded, four of them seriously enough to require evacuation to Germany. Two mortar rounds were fired into the airport from about a mile away, officials said.

Meanwhile, an American soldier wounded in Sunday's fierce battle between U.S. troops and Somali gunmen died Thursday at an army hospital in Germany, raising the American death toll from that clash to at least 13. Five other soldiers were believed missing, and one soldier was being held prisoner.

The size and ferocity of the latest Somali attacks have prompted U.S. and U.N. officials to reconsider their estimates about the size of Aidid's force, the depth of his support among the civilian population and the amount and caliber of weapons in the warlord's arsenal.

"It may be that our estimates may have been low," retired U.S. Adm. Jonathan T. Howe, the chief U.N. envoy in Somalia, said in a telephone interview Thursday. "Recently, I think we have seen he's using more people. He certainly has brought more guns and heavy weaponry into the equation."

A top U.N. official said authori-

One American serviceman is known to be held by the forces of warlord Mohammed Farah Aidid, and six others are missing from an encounter on Sunday in which 13 U.S. soldiers were slain.

Clinton's 11-minute address from the Oval Office, which was carried live on the four major networks at 5 p.m. EDT, came after American television viewers were shown film of a battered and captured airman being held in Aidid's custody and the body of a soldier being dragged through the dusty streets of Mogadishu.

If the United States withdrew immediately, the president said, some of the other 30 nations that have contributed to the 28,000-strong U.N. peacekeeping force in Somalia would also bail out. Chaos would return to the ravaged East African nation, he said, and starvation would soon resume.

Moreover, Clinton added, American resolve and its role in the world would rightly be called into question.

"Our own credibility with friends and allies would be severely damaged," he said. "Our leadership in world affairs would be undermined at the very time when people are looking to America to help promote peace and freedom in the post-Cold War world. And all around the world, aggressors, thugs and terrorists will conclude that the best way to get us to change our policies is to kill our people. It would be open season on Americans."

Twelve U.S. soldiers were killed and 78 wounded in a failed raid on a meeting of Aidid loyalists in

Mogadishu Sunday night, and one of the wounded died Thursday in a U.S. military hospital in Germany. In a separate incident Wednesday night, one soldier was killed and 14 wounded when a mortar shell slammed into a U.S. encampment near the Mogadishu airport.

Mortar and rocket-propelled grenade attacks on U.N. positions in southern Mogadishu have become an almost nightly occurrence in the past few months, but Thursday's incident was the first to result in U.S. casualties.

A U.N. civilian spokesman in Mogadishu said that non-essential U.N. staff were being flown out of Mogadishu to Nairobi in neighboring Kenya. He said he did not know how many people were being evacuated.

Clinton said he was ordering 1,700 combat troops to reinforce the roughly 5,300 troops now serving on the ground in Somalia. Beyond that, he said he was dispatching 3,600 Marines to be stationed offshore.

An additional 104 tanks and armored personnel carriers will be shipped to provide greater protection for ground forces, Clinton said. He also ordered an aircraft carrier to take up position in the Indian Ocean off the Somali coast to provide air cover for military operations.

"This past week's events make it clear that even as we prepare to withdraw from Somalia, we need more strength there," Clinton said. "We need more armor, more airpower, to ensure that our people are safe and that we can do our job." He stressed that they would all be under U.S. — not U.N. — command.

ties believe Aidid has been receiving new shipments of large-caliber weapons that have been arriving in Mogadishu overland from Ethiopia. Authorities also believe Aidid has been recruiting more fighters from his home base in Somalia's central region.

The official said the United Nations so far has been unable to stem the arms flow into Mogadishu, despite the presence of more than 28,000 U.N. troops in the country and a major disarmament campaign that was supposed to have stripped Aidid of most of his heavy weapons. The new weapons coming into the city include recoilless rifles such as the kind used to destroy a Pakistani tank in an ambush on Sept. 9.

"There's more stuff that's come in over time," the official said. "There's some weak points in our network. Like the recoilless rifles; we hadn't seen those before."

French military officials, who are responsible for controlling the area from the Ethiopian border through the town of Baidoa and into Mogadishu, said in interviews last month in Baidoa that they were aware that fresh arms shipments were moving through French-controlled territory toward the capital.

But with only 3,000 troops from France, Morocco, Zimbabwe and Botswana trying to secure a vast chunk of territory, the French commanders said all they can manage to do is police the main highways. "We can't control the camel roads," said Capt. Philippe Banse, a French army officer in Baidoa.

In addition to Aidid's ability to get new weapons into Mogadishu, U.S. and U.N. officials also acknowledged that the size of his militia may be much larger than the

200 to 300 that they first estimated.

U.S. officials also said they have been surprised by Aidid's ability and willingness to commit large numbers of his gunmen to battles and by the tenacity of his guerrillas, who stand their ground and fight even when facing the technological-superior U.N. forces.

In June, when American AC-130 Spectre gunships first demolished Aidid's command headquarters in Mogadishu and sent the warlord underground as a fugitive, American and U.N. officials were predicting confidently that Aidid's support was minimal. Those U.S. gunships were also supposed to have destroyed all of Aidid's weapons depots in the city, stripping him of his heavy weapons.

Officials acknowledge now that Aidid and his militia probably had a lot more hidden stockpiles around the city than they had initially believed.

The bloodshed from Sunday's attack, which began when two U.S. Black Hawk helicopters were shot down over Aidid's stronghold in the Bakara market area of Mogadishu, also has prompted U.S. officials to reconsider the tactic that had been considered the best way to arrest Aidid in a hostile urban setting: Army Rangers rappelling down ropes from helicopters for a quick grab.

"Anytime you suffer losses, you re-evaluate your tactics," Howe said. "A helicopter, when you put it down in the midst of heavy RPG (rocket-propelled grenade) fire, is not totally invulnerable."

One Black Hawk pilot, Chief Warrant Officer Michael J. Durant, was being held hostage by Aidid's militia following Sunday's battle, and an estimated five U.S. soldiers were missing in action.

# Yeltsin Suspends Top Court

By Peter Maass  
THE WASHINGTON POST

MOSCOW

President Boris Yeltsin Thursday suspended Russia's Constitutional Court, saying it had pushed the country to the brink of civil war, and his campaign to win more direct control outside Moscow moved ahead as key regional councils began discussing his demand that they disband.

Yeltsin's decree said that the court had "turned into a weapon in the political battle, which was especially dangerous for the state."

Thursday's events, which included the surrender of an alleged ring-leader of this week's failed uprising, bolster Yeltsin's effort to consolidate his power and deprive the hard-line opposition of a chance to bounce back. But with the national parliament disbanded and regional councils in limbo, Yeltsin's dissolution of the country's highest court has left virtually no checks to his rule, at least until after parliamentary elections, scheduled for Dec. 12.

Interior Minister Viktor Yerin said Thursday that of the 1,338 people arrested since the rebellion began, just over 200 remain in jail. He said only one member of parliament — Chairman Ruslan Khasbulatov — is still behind bars. Yeltsin Thursday awarded Yerin the title of Hero of the Russian Federation for his role in helping crush the uprising.

Thursday was observed as the official day of mourning for victims of the uprising — the death toll was raised to a provisional 193 — and soldiers and police voiced emotional

support for the government during burial ceremonies for 17 of their slain colleagues. Deep bitterness against the uprising's ringleaders — fired vice president Alexander Rutskoi and Khasbulatov — burst out at the funeral of one policeman.

"They killed innocent people," said Police Maj. Vitali Kiko, as he watched gravediggers shovel dirt onto his lieutenant's pine coffin. "If I could, I would shoot them on sight."

The funeral was an uneasy mixture of tears and fears. As it ended, Maria Marvin, mother of the dead lieutenant, was carried away on a stretcher after hours of sobbing at her son's open coffin. "Sasha, Sasha, say something to me, anything, before you leave forever," she cried out at one point.

Before the lieutenant was buried, with his police hat nailed to the coffin cover, paramilitary sharpshooters scanned nearby buildings, worried that fugitive participants in the uprising might try to disrupt the rites.

The Constitutional Court, chaired until Wednesday by Valery Zorkin, a political opponent of Yeltsin, had opposed many of the president's key decrees. Zorkin resigned the chairmanship under pressure but did not give up his seat on the court.

Observers speculated that Zorkin's semi-surrender might be enough to save the court, but Yeltsin's decree tonight indicates the president wants to undertake a complete housecleaning — and feels powerful enough to do it.

"Twice in 1993 the court, through its hasty actions, pushed

Russia to the brink of civil war," stated the decree, which suspended the 13-judge court until the country has a new constitution. "But when the risk of civil war grew real, the court did nothing."

Zorkin frequently attacked Yeltsin and energetically supported Rutskoi and Khasbulatov, who surrendered to police Monday as the uprising was crushed. In its waning hours, Rutskoi made a frantic call to Zorkin from the battered parliament and pleaded with him to use whatever influence he had to stop government forces from shelling the building.

The Constitutional Court did not have the power to enforce its decisions but its attempts to limit Yeltsin's power increased confusion in Russia, Yeltsin supporters contend.

The confusion, in turn, helped strengthen the hand of regional councils that largely opposed Yeltsin's efforts to speed up privatization and democratic reforms.

In his first speech since the uprising collapsed, Yeltsin said Wednesday night that the regional councils should disband themselves. Most of the councils, called soviets, are controlled by Soviet-era apparatchiks, and although they do not want to comply with Yeltsin's demand, they may fear that the kind of force used in Moscow could be used against them.

Thursday night, Russian television reported that the councils in St. Petersburg, Archangel, Krasnodar and Saratov, among other locations, had begun holding discussions on disbanding.

# Gingrich to Succeed Michel as Minority Leader in the House

By William J. Eaton  
LOS ANGELES TIMES

WASHINGTON

House Minority Whip Newt Gingrich, R-Ga., displaying the confrontational style that delights many of his party colleagues and infuriates many Democrats, claimed Thursday that he has the votes to succeed retiring Rep. Robert H. Michel, R-Ill., as House minority leader.

Gingrich, backed by more than 60 Republicans who chanted "Newt, Newt," as he declared his candidacy, used the occasion to denounce President Clinton and Secretary of

Defense Les Aspin for what he said is a failed policy in Somalia.

"The commander-in-chief has an obligation to be militarily competent," Gingrich said, implying that Clinton does not measure up.

The 50-year-old Georgia lawmaker, who barely survived re-election challenges to his congressional seat in 1990 and 1992, said he has solid pledges of support from 106 of the 175 Republicans in the House Congress and expects to get more before the intraparty contest in December 1994. To win, he needs the votes of a majority of Republicans casting ballots.

The election is 14 months away and the electorate that will choose a new leader could be changed by the number of Republican retirements, defeats of incumbents and GOP victories by candidates running against Democrats in 1994.

At issue will be whether House Republicans want to promote Gingrich or turn to a more pragmatic conservative such as Gerald Solomon, R-N.Y., as chief strategist and spokesman for the GOP minority in the House. Solomon, a friend of Michel, has announced that he will run against Gingrich for the leadership post.

# Showdown Over Future of Hong Kong Delated by Governor

By Rone Tempest  
LOS ANGELES TIMES

HONG KONG

A showdown between Britain and China over democratic electoral reforms here was averted — or at least delayed — as Gov. Chris Patten called Wednesday for continued negotiations before China assumes control of this British colony in 1997.

Patten, former chairman of the Conservative Party in Britain, enraged the Chinese government last October in his first policy speech as governor when he called for an increase in directly elected representatives on the Hong Kong Legislative Council.

Some supporters of democracy here hoped Patten would use the occasion of his annual address before the council Wednesday to announce his intention to go ahead with the reforms without China's approval.

But after a year in which he was the focus of venomous attacks by Chinese officials, who have described him as a "prostitute," the Hong Kong governor avoided a direct confrontation.

He said he hopes for a settlement before November, when he plans to travel to London to brief British Prime Minister John Major on the status of talks between the two governments.

Privately, however, officials said talks were at a dead end after 12 rounds, with little hope for resolution.

In his address Wednesday, Patten confirmed published reports that British negotiators have offered the Chinese two major compromises, in one case cutting democratic representation at a district level by two-thirds.

But he said the British have received no offers in return from the other side.

"Alas, we have still not succeeded in convincing Chinese officials that Hong Kong's extraordinarily modest aspirations for political development are legitimate," Patten said in his address, delivered in the boxy, wood-paneled chamber of the Victorian-era Legislative Council building, surrounded by the gleaming banks and office towers of the island's central district.

In 1990, Beijing said it would

accept direct election of 20 of 60 members of the Legislative Council. The first direct elections were held in 1991 when 18 members were directly elected.

But Patten's reforms called for the election of the majority of the council's members in elections scheduled for 1995. Such a format would allow what Patten describes as a "through train," in which elected members would have two years of their terms remaining when China takes over.

Some critics, however, accuse the British of using Patten to make a last-minute grandstand play to avoid the impression that they are abandoning Hong Kong. Even some supporters of democratic reform join in this cynical view of the departing British.

"What Patten has offered is only a drop of democracy," said Emily Lau, an outspoken elected member of the council who supports Hong Kong independence from China. "Whatever the British are doing is to save face. I don't understand why it is that Patten has been lionized in the Western press as a champion of freedom and democracy."

# White House Forms Interagency Panel to Study Violence

By John Fairhall  
THE BALTIMORE SUN

WASHINGTON

Looking for ways to stop Americans from attacking one another, Clinton administration officials said Thursday they are beginning a far-ranging study that will include consideration of more gun control laws and the role of violence on television.

Child abuse, abuse of the elderly, racial and ethnic violence and sexual assault are other areas that will be studied by an interagency group, the existence of which came to light during a meeting between U.S. Surgeon General Joycelyn Elders and news reporters.

Commenting on a variety of public health issues, Elders delivered a warning to Congress about eliminating insurance coverage for abortions from President Clinton's health care reform plan. She said women "should make sure they never forgot" who voted to eliminate the coverage, which is one of the most controversial features of the plan.

"I would hope that our policy-makers would not be so narrow-minded as to deny a complete range of reproductive health services in our health care reform plan for all women," said Elders, in her first extensive meeting with reporters since being confirmed by the Senate Sept. 7.

Administration officials said the mission of the interagency group on violence is "to look broadly at the question of violence" and develop "suggestions for immediate action" and for the long run, said Peter Edelman, counsel to Health and Human Services Secretary Donna Shalala.

# Excited Students Greet Milken's Debut As Professor

LOS ANGELES TIMES

LOS ANGELES

Forget the jail time, the savings and loan crisis and the toupee. Former junk bond king Michael Milken made his debut as a professor this week, and his students were, well, totally psyched.

Few at the University of California, Los Angeles, could cite the securities fraud charges for which Milken was imprisoned, but nearly all of them seemed to know about the other side of the balance sheet. As Michael Seery put it, "He made \$550 million in one year. It blows your mind."

If Milken ever made that much, he makes less now. Looking less at home behind the professor's lectern than his old X-shaped desk (he had some trouble with the overhead projector), Milken nonetheless held the 60 MBA students rapt during a three-hour session complete with props, charts and a drawing exercise that he once used to motivate the sales force at Drexel Burnham Lambert in the 1970s.

"He's the best finance guy since J.P. Morgan," said second-year student Jeff Stargardt during a break. "This is a great opportunity."

The faculty at the John E. Anderson Graduate School of Management was ambivalent at first when the former Wall Street wunderkind began discussing the possibility of teaching with the administration shortly after he was released from federal prison in January.

But after a protracted review process, associate dean Carol Scott says, the faculty decided the value of Milken's experience outweighed any potential controversy. When the course was listed, it quickly became the toughest ticket on campus.

"We're not putting him up there as a role model of any sort," said Scott, who is also faculty chairwoman. "What Milken did in the whole junk bond period really did change the face of corporate America, and I don't think there is any more dramatic way of learning about history than having one of its central participants there."

# Jordan Announces Retirement, Leaves Door Open for Comeback

LOS ANGELES TIMES

CHICAGO

Michael Jordan, saying "the desire is just not there any more," announced his retirement from the National Basketball Association Wednesday, leaving basketball without its most well-known player.

Or did he?

Jordan's announcement was unemotional. It also didn't have an unequivocal stamp of finality.

Most of his employers and teammates were in attendance at the 40-minute news conference broadcast live nationwide from the team's practice facility in suburban Deerfield, as was Jordan's wife, Juanita, and NBA officials including Commissioner David Stern.

They heard Jordan, a seven-time NBA scoring champion, say: "I've always stressed to people that when I lose the sense of motivation, it's time for me to move on. I've reached the pinnacle and I've achieved a lot in a short period. I don't have anything else to prove."

"Everyone wants to know if my father's death has anything to do with this. Well, I was kind of leaning in this direction before, and he knew this. So it didn't alter my decision, but in some ways it made it simpler. What my father's death made me realize is how short life is, and how it can be taken from you in a minute."

"It's time for me to be a little unselfish and spend some time with my family — to get back to a normal life, or as close to it as I can."

But, still, Jordan would not slam the door on a future comeback.

"If I do decide to come back a year from now or whatever, that's entirely up to me," Jordan said.

"Five years down the line, if the urge is there, if the Bulls would have me back, if David Stern would let me back, I may just come back. Who knows? That's an option that will never close."

Although Jordan appears serious about quitting basketball because he has nothing left to prove, one high-ranking official of the Bulls told the Los Angeles Times: "In my heart, all I think Michael wants is a year to himself."

# OPINION

## Letters To The Editor



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## R/O Rite of Passage Should Not Be Changed

Again, this year brings forth calls to change the current residence selection process. I wish to argue that the present system works very well, but this is not clear until you examine what the real purpose of Residence and Orientation Week is.

R/O Week is a "rite of passage." It marks the transition in the new student's life from one status to another. And like many other rites of passage, it contains, in miniature, performances of the essential acts of his new status. These miniatures are both symbolic of the person's new status, and a first lesson of how to perform in his new status, done in a symbolic arena where the adverse consequences of real failure are eliminated.

The central feature of residence selection is that the student is required to select his new living situation very quickly, in the face of a flood of information that is nevertheless inadequate for accurate judgment, under intense pressure, with the assistance of dubious advice from many sources. The choice of residence is treated as very important, but really isn't nearly as important as its made out to be. The essential skills for surviving R/O Week are careful allocation of time and effort, filtering the essential information from a mountain of noise, comparing sources of advice, and making adequate choices in the face of uncertainty. In short, it is a microcosm of what the student will have to do for his entire MIT career, and most likely, long beyond it.

R/O Week is a rite of passage for entering MIT, and provides a valuable introduction to what MIT is like. For this reason, I oppose changing the current residence selection process.

Dale R. Worley

## Laptops for Faculty Is Egregious Waste

The Tech received a copy of this letter addressed to Provost Mark S. Wrighton.

I'm writing this letter in response to two

articles that appeared on the front page of the Oct. 6 *Tech Talk*. In a remarkably inauspicious example of page layout, "Two Schools' Faculties to Get Laptops," was placed adjacent to "1993 Deficit Tops Projection."

In a time of tight resources, in which MIT is running a deficit and people with long years of service are being laid off, how can we possibly justify giving laptop computers to faculty members who are in all likelihood paid in excess of \$30,000 a year? If these people feel the pressing need for a computer to facilitate their work, they certainly have the resources with which to purchase one. If they feel no such need, why waste MIT funds on a useless gift?

After talking with a number of people, I've compiled a short list of arguments for the computers. None are particularly convincing to me. In the interest of space I'll keep my objections brief.

1. Faculty members' time is very expensive, so anything MIT can give them to enhance their productivity is a potential money-saver.

Why don't we apply this standard to all members of the MIT community? If, for example, a particular person makes three times as much as I do (not a bad estimate) and his or her productivity will double with a computer, but my productivity will be enhanced by a factor of seven if I'm given a computer. . . isn't it in MIT's interest to give me one?

2. These faculty members have the "unique" need to use a computer in libraries and at conferences.

I can get much more work done at home or in the library than I can in my overcrowded, noisy, dirty, windowless office with a raccoon mucking about in the drop-down ceiling (true!). Yet, I'm not paid enough to buy a suitable laptop. Should MIT buy me a computer, given my "unique" need to work away from my office? Are my needs different than the faculty member who wants to take notes in the library or at a conference?

3. Science/engineering/business faculty bring in research funds, and can afford to buy their own computers. Humanities faculty generally don't have this ability, so why not give them computers?

This means that not only do the first three groups pay the bulk of moneys received under the "overhead" fee structure, but they must also pay for their own computers (out of their own pockets, in many cases). This is perhaps less than equitable treatment.

As for the arguments about electronic mail, I shan't waste more than a few keystrokes on them. These people are just as capable of going to an Athena cluster as anyone else on campus.

In short, I feel that this whole idea is ill-conceived. To lower tuition; to reduce the budget deficit; to fire fewer people - all of these are better uses for the thousands of dollars you're investing in this project. I fear that expenses like this give the John Dingels of the world their ammunition.

Ross Levinsky

## Clarification of Electronic Newspapers

I appreciate the thoroughness of the article you ran about our project/experiment discussing personal newspapers via electronic mail ["Freshman Seminar Develops Electronic Newspapers," Oct. 5]. As a result of your article, I have received inquiries on how to access the project's news service. I would like to offer some clarifications:

• Although the project is called the Freshman Newspaper Project, it is open to all users of Athena.

• To access the system on an Athena X workstation, you need to type "add sipb" and then you can run the xmosaic program by typing "xmosaic." You will find the project listed as the "Freshman Fishwrap" towards the end of SIPB's main Xmosaic page near *The Tech* listing.

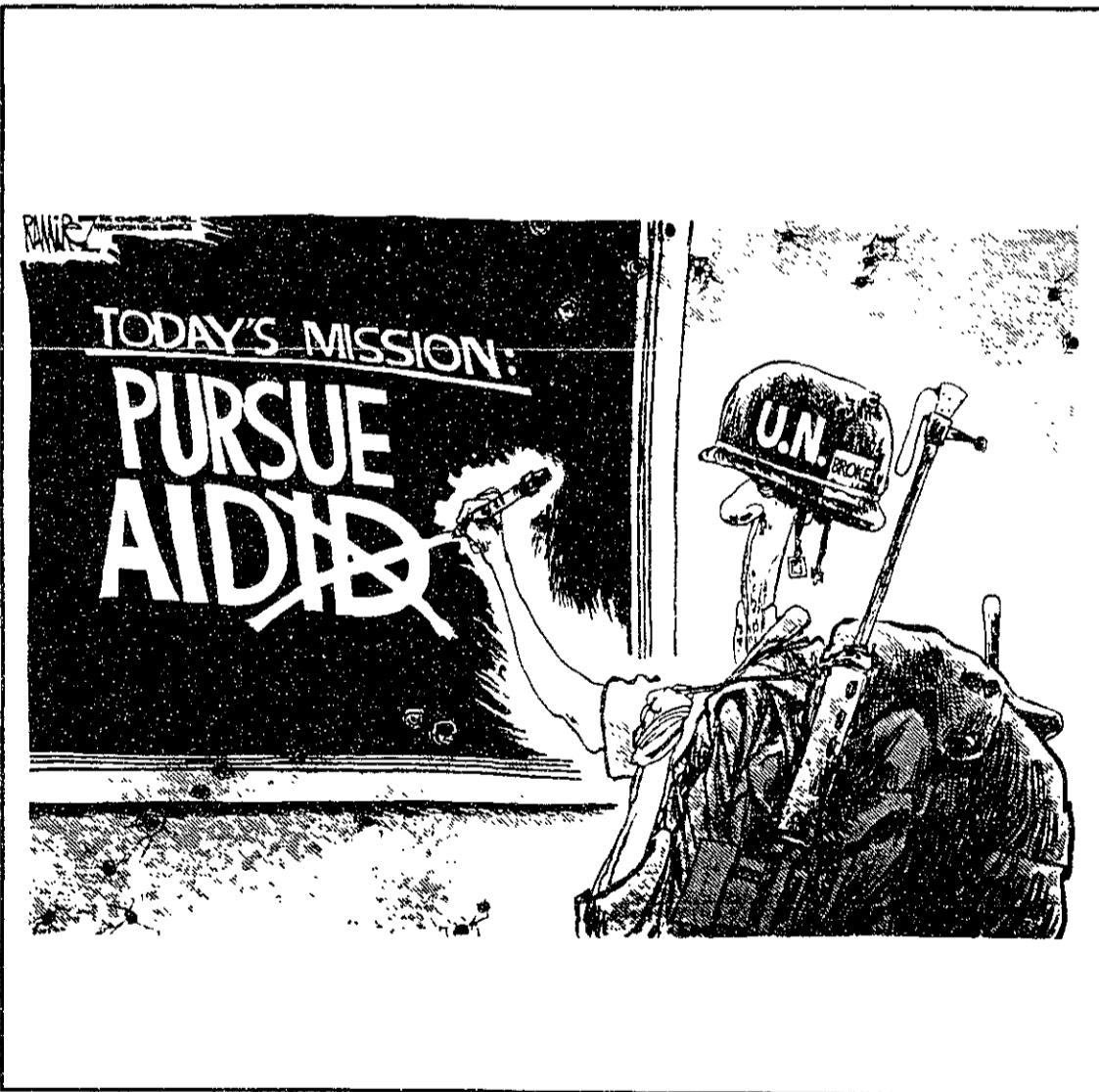
• We will be offering some news feature services that are not offered anywhere else online at Athena while we are constructing the personalized news service. We hope readers will find them informative and entertaining.

• We will not be collecting any information about individuals unless they have explicitly consented to be part of this experiment.

• At present we are experiencing some technical difficulties. This means that portions of the system are coming on-line later than we expected. Status of the system message will be visible to all users of our system.

If anyone has problems with the system they can send mail to fishwrap@media.mit.edu, or directly to me, at lacsap@media.mit.edu.

Pascal Chesnais



## ERRATA

A news notice in the Oct. 1 issue misstated the lottery policy for Talbot House. Groups who have gone to Talbot House recently will not have it counted against them. Groups who have not visited recently will not have it in their favor.

In a story about campus crime ["Campus Crime Rates Drop Slightly in '93," Oct. 1], the number of serious crimes committed in the first half of 1992 was omitted. Ten serious crimes were reported to the Campus Police between January and June 1992; eight were reported during the same period this year.

## 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.

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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.

# Commercial Intervention Imperils Scientific Process

Column by Daniel Stevenson  
COLUMNIST

When the divergent worlds of commerce and science mix, the outcome can be a stunning success or a miserable sham. Examples of the former include the Media Laboratory, where the corporate world provides funding for a state-of-the-art research lab, and industrial laboratories like the Xerox Palo Alto Research Center or AT&T Bell Laboratories. But sometimes the corporate environment's meddling proves to be disastrous and counterproductive to the advancement of science, as in the much publicized Biosphere II project. In this period of rethinking the role of science in society, we must take care to ensure the survival of the scientific process amid commercially driven politics.

The Biosphere II project involved the creation of a 3.1 acre self-sustaining environment for eight humans in a compound representing the various ecospheres of the Earth, the original biosphere. The project was funded by a private consortium called Space Biosphere Ventures. The initial phase, which lasted for two years, ended on Sept. 26 with the eight team members emerging from seclusion.

At its conception, the project had noble intentions. Possible uses of the technological developments were widespread, from planning space colonies to optimizing the use of natural resources and improving recycling. Of particular emphasis at the beginning of the project was the goal of creating a wholly self-reliant, self-contained large scale ecosystem.

Even if the experiment had failed it still would have provided valuable data.

The project's noble image began to sour when allegations arose over tampering with the ecosystem. Project managers initially refused to comment, and later admitted to smuggling in supplies and oxygen. One human subject had to receive medical treatment outside of the project. With controversy growing about the program's scientific validity, the panel of scientists monitoring the program resigned as a group last January. Amid sales of T-shirts and guided tours, it became increasingly obvious that the scientific process was being re-routed for corporate gains. The ecological and environmental goals of the project, potentially invaluable to the scientific world, were pushed to the back burner as commercial interests took precedent.

Now that the experiment is officially over, project managers are touting the important observations made about long-term human behavioral dynamics in an enclosed environment, while ignoring the fact that the original scientific goals were sidestepped. Regardless of any human behavior observations, the problems of quarreling and the doubtlessly useful question of the notorious "banana thief" should not be considered more important than the initial ecological goals. Human behavior could have easily been observed in an experiment without a multi-million dollar compound of ecosystems. Priorities were reshuffled according to the results of the experiment,

breaking a cardinal rule of the necessarily impartial scientific process.

As government funding for science decreases in tight economic times, scientists must look for new sources to pay for research.

Corporate America has always been ready to fund scientific development, but special care should be taken to avoid fiascos like Biosphere II and to promote the healthy interaction of the realms of business and science.



Want to express your opinions? Send letters to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu).

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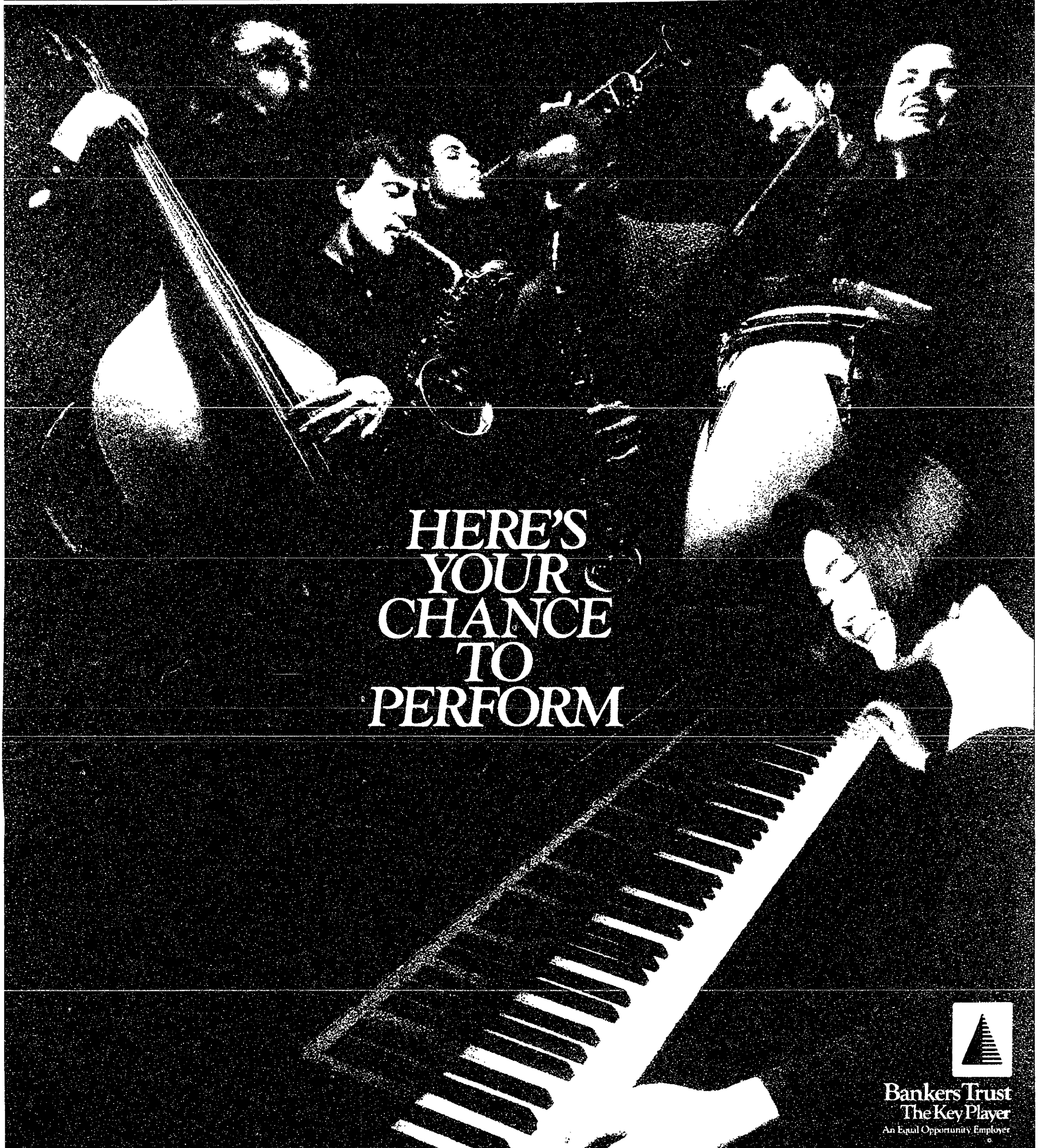
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# ON THE SCREEN

— BY THE TECH ARTS STAFF —

- ★★★★: Excellent
- ★★★: Good
- ★★: Average
- ★: Poor

★★★½ **The Age of Innocence**

The film version of Edith Wharton's novel homes in on of the conflict felt by Newland Archer (Daniel Day-Lewis), who must balance the rigid social code of 1870s New York and his passion for Ellen Olenska (Michelle Pfeiffer), his fiancée's independent and intellectual sister. Despite the Victorian setting, this is obviously the work of director Martin Scorsese, who specializes in movies about people's struggles to make decisions. The directing is meticulous and the sense of authenticity is impressive. The chemistry between Day-Lewis and Pfeiffer is also powerful, but the camera focuses on the internal struggles of the two and thankfully avoids the torrid sex scene typical of Hollywood movies. —Craig K. Chang. *Loews Nickelodeon*

★★★ **Cool Running**

Based on the true story of 1988 Jamaican Bobsled Team, the film is actually quite enjoyable despite its overused themes. Starring Leon (remember Madonna's "Like a Prayer" video?), Doug E. Doug, and John Candy, the film follows four Jamaican athletes and their coach on an adventure from a sunny island to the Calgary Winter Olympics. The underdog story has its own unique scenario, and manages to pass as a sweet mixture of comedy and heart. —CKC. *Loews Copley*

★★★½ **The Fugitive**

The ultimate chase movie begins with the ultimate special effect — a train and bus wreck staged not with miniatures, but with the real thing. The wreck frees Dr. Richard Kimble (Harrison Ford), wrongfully convicted of murder, from the bus transporting him to prison, setting up a two-hour chase between Ford and his pursuer, the dedicated federal marshal Sam Gerard (Tommy Lee Jones). Ford is the big name star, and though he gives a great performance, Jones gets all the good lines. His single-minded devotion to upholding the law makes him, in a strange way, a more interesting character than intelligent nice guy Kimble. "I didn't kill my wife," insists Kimble, trapped in a drainage pipe; "I don't care," replies Gerard, and attempts to bring in his suspect. *The Fugitive* is an exciting movie, and a well-paced one, too, as Kimble's escapes grow ever more narrow and improbable, eventually leading up to a taut climax and a satisfying ending. For once, the hype was worth the wait. —Deborah A. Levinson. *Loews Cheri*

★★★½ **In the Line of Fire**

Clint Eastwood follows up *Unforgiven* with this gripping thriller about a Secret Service agent tracking a psycho stalking the president. Eastwood, crusty as ever, plays Frank Horrigan, ostensibly the last active agent present at the Kennedy assassination. John Malkovich brings incredible creepiness to the character of

Mitch Leary, an ex-CIA killer obsessed with presidential assassins. Leary torments Horrigan with phone calls mocking Horrigan's inability — or unwillingness — to sacrifice himself for Kennedy, and leads the Secret Service on a cross-country chase, always several steps ahead of the game. The script is impressively tight for one not based on a book, and Eastwood and Malkovich both give over-the-top performances. If only Rene Russo's Secret Service agent had more to do than be a foil for Horrigan's sexist remarks and later, be his love interest. —DAL. *Loews Copley Place*

★★★ **Jurassic Park**

Michael Crichton's dinosaur epic translates well to the big screen (not surprising given that the book read like a screenplay), and Steven Spielberg does a good job in metamorphizing the dinosaurs from harmless cuties to malevolent predators. Despite fine acting from Sam Neill and Laura Dern as an archaeologist and his paleobotanist girlfriend, the dinosaurs, both animatronic and computer-generated, are clearly meant to be the stars of the film. Most realistic of the menagerie is the sick triceratops lolling on her side; least, the

herd of grazers that stampede across a field as Neill and two children run for cover. It's good to see Neill, a talented actor and star of many British and Australian films (including *My Brilliant Career*) and Dern, who finally started to get plum roles after her success in *Rambling Rose*, get the exposure they so richly deserve. *Jurassic Park* isn't stellar filmmaking, but its individual elements add up to make it a whirlwind, entertaining ride. —DAL. *Loews Charles*

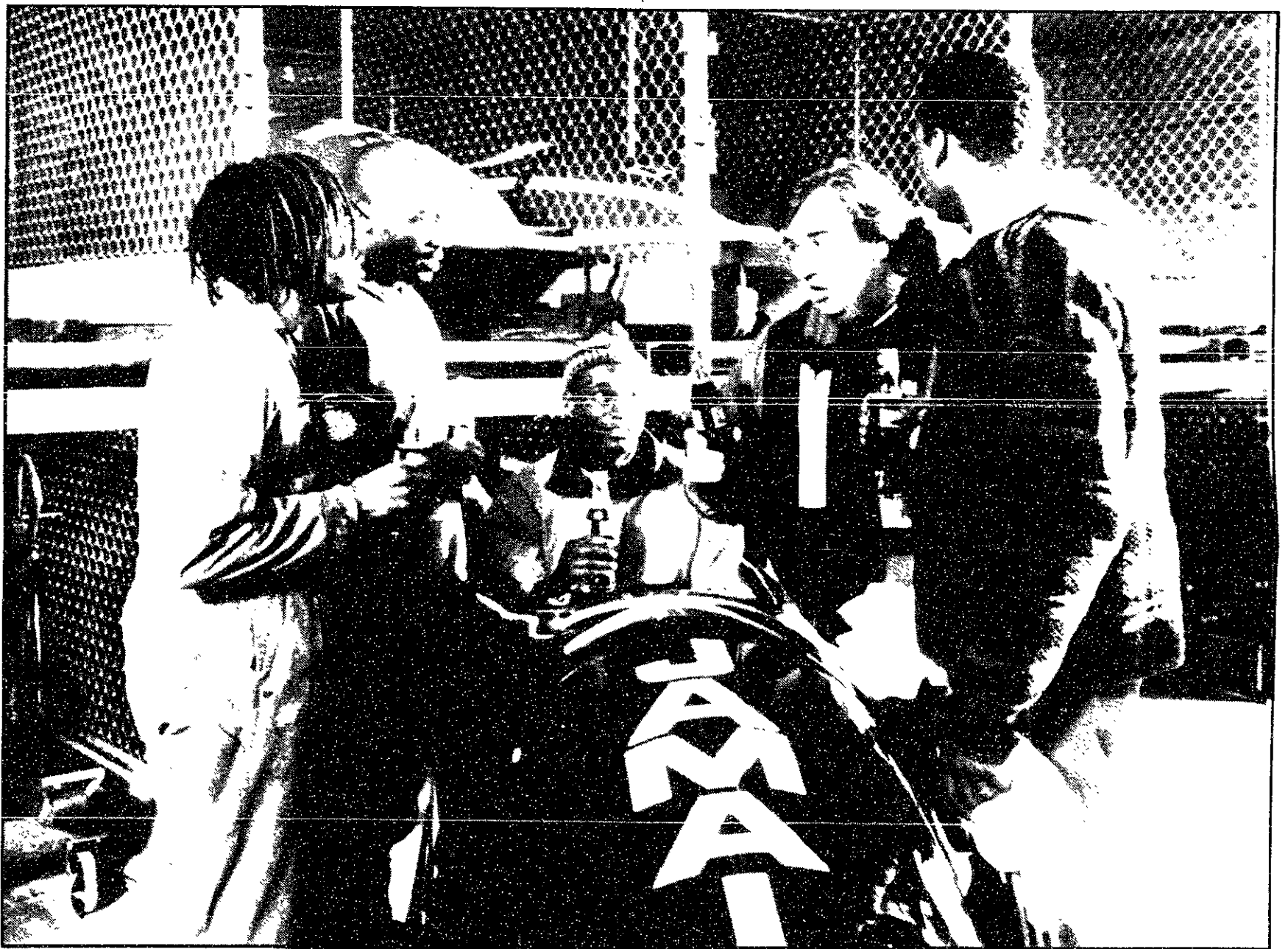
★½ **Malice**

A clever, but underdeveloped plot dooms *Malice* to mediocrity. The movie centers around an egocentric, young doctor with a God complex (Alec Baldwin). The doctor saves the life of a college student who is raped; then he rents a room from one of the college's deans (Bill Pullman) and his wife (Nicole Kidman). But what starts out as a thriller about a killer on a college campus, ends up as a confusing story with a plot line that has more twists than a bag of pretzels. Kidman and Baldwin act well, but Pullman is both dull and boring. *Malice* also suffers from the Hollywood syndrome of unnecessary vio-

lence and pointless sex. Neither help the plot any, and often they are completely out of character. As a thriller, this movie fails miserably. As a mystery, it fails too. I don't think anyone can be expected to come close to figuring this movie out. —Patrick Mahoney. *Loews Cheri*

★★★ **Manhattan Murder Mystery**

Woody Allen's latest tale of angst-ridden New York intellectuals tells the story of a mild-mannered book editor (Allen) and his energetic but bored wife (Diane Keaton) as they become involved in solving an alleged murder case. As in any Allen film, sexual tensions complement the action, with old friend Ted (Alan Alda) coming on to Keaton's character, and sexpot author Marcia (Anjelica Huston) setting her sights on Allen. The result is \$6.75 worth of stakeouts, soulful stares, sexual stress, and silliness. *Manhattan Murder Mystery* may center upon a rather bland murder plot, but it also provides a tight script, savagely spastic Allen performances, and the excellent supporting cast audiences have come to expect from an Allen film. —Matthew H. Hersch. *Loews Cheri*



With a down-and-out ex-champion slider named Irv (John Candy) as their coach, an unlikely team of Jamaican bobsledders including Sanka Coffie (Doug E. Doug), Yul Brenner (Mallik Yoba), Junior Bevil (Rawle D. Lewis), and Derice Bannock (Leon), set out to compete in the Olympics and wind up international heroes in *Cool Runnings*.

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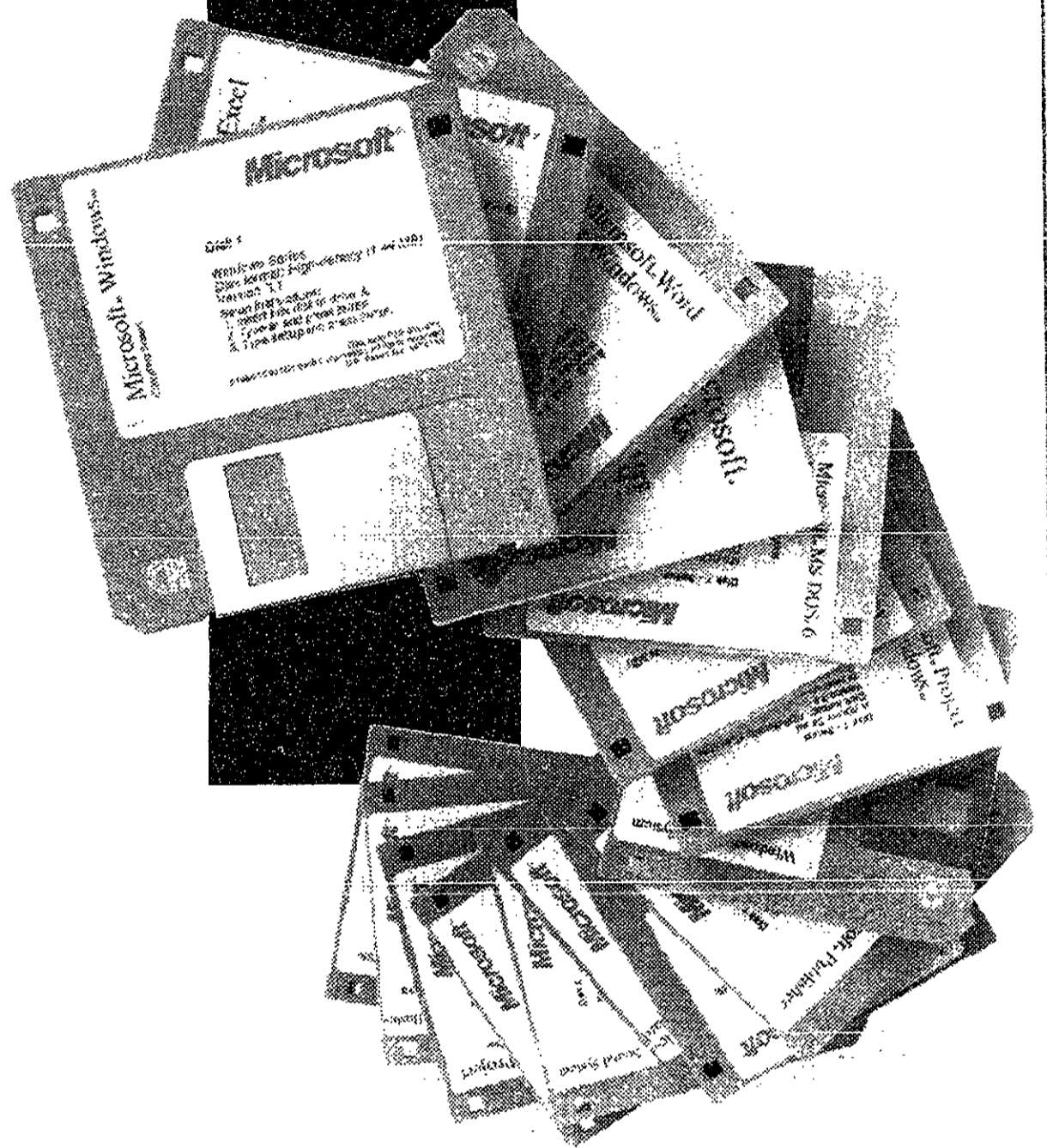
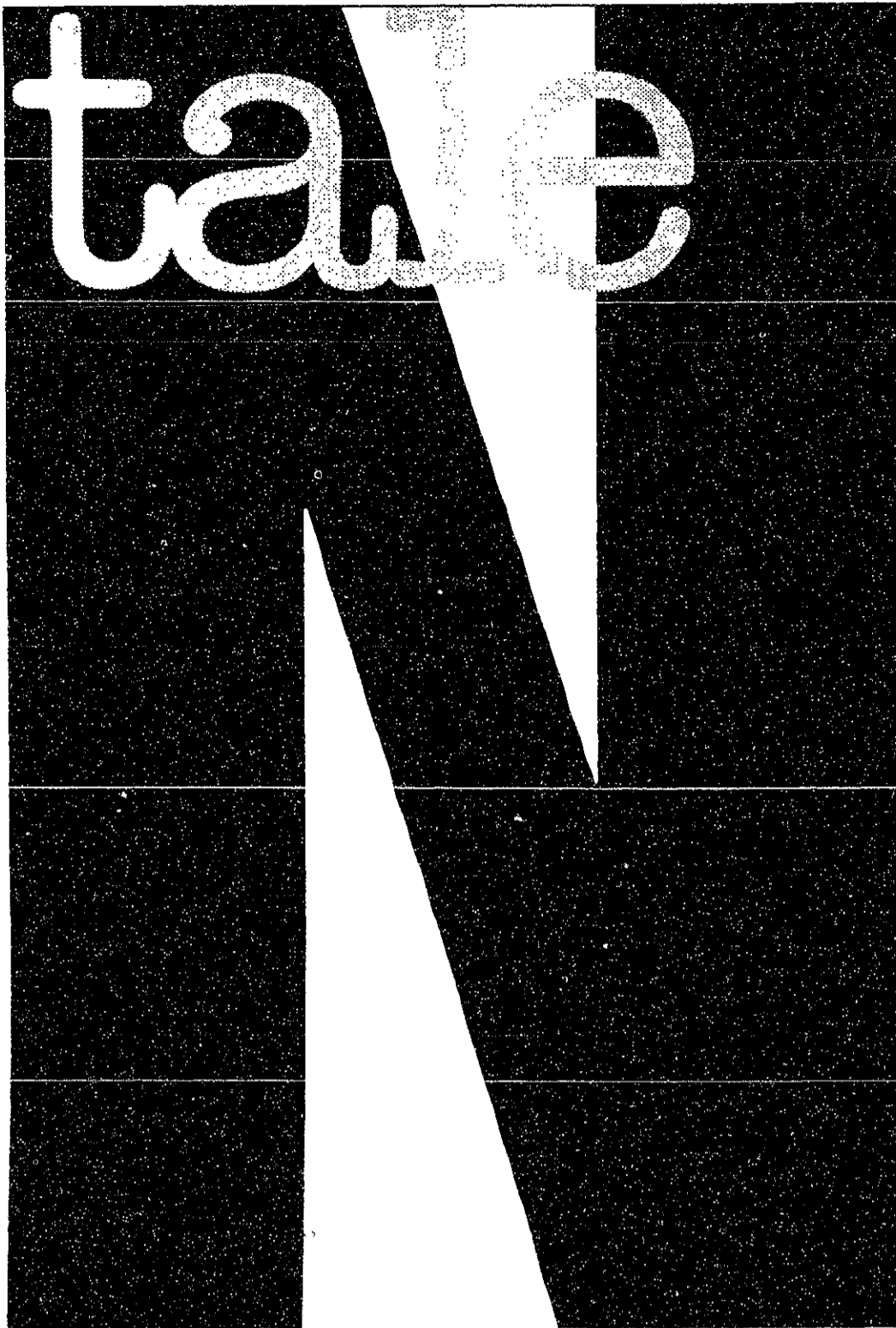
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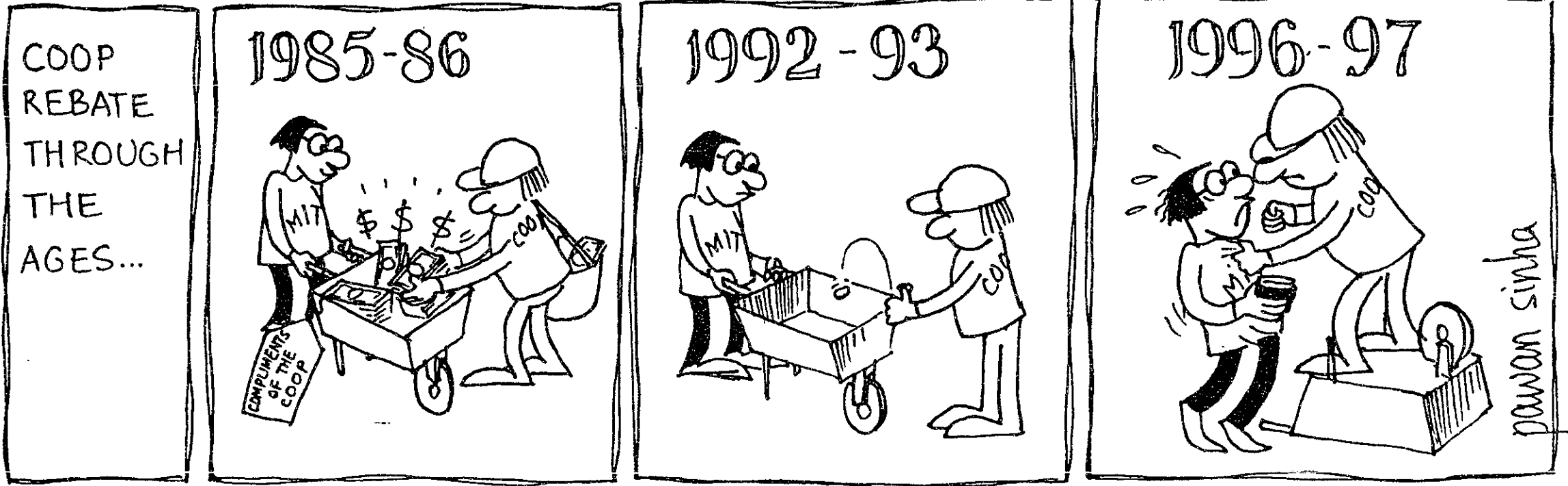
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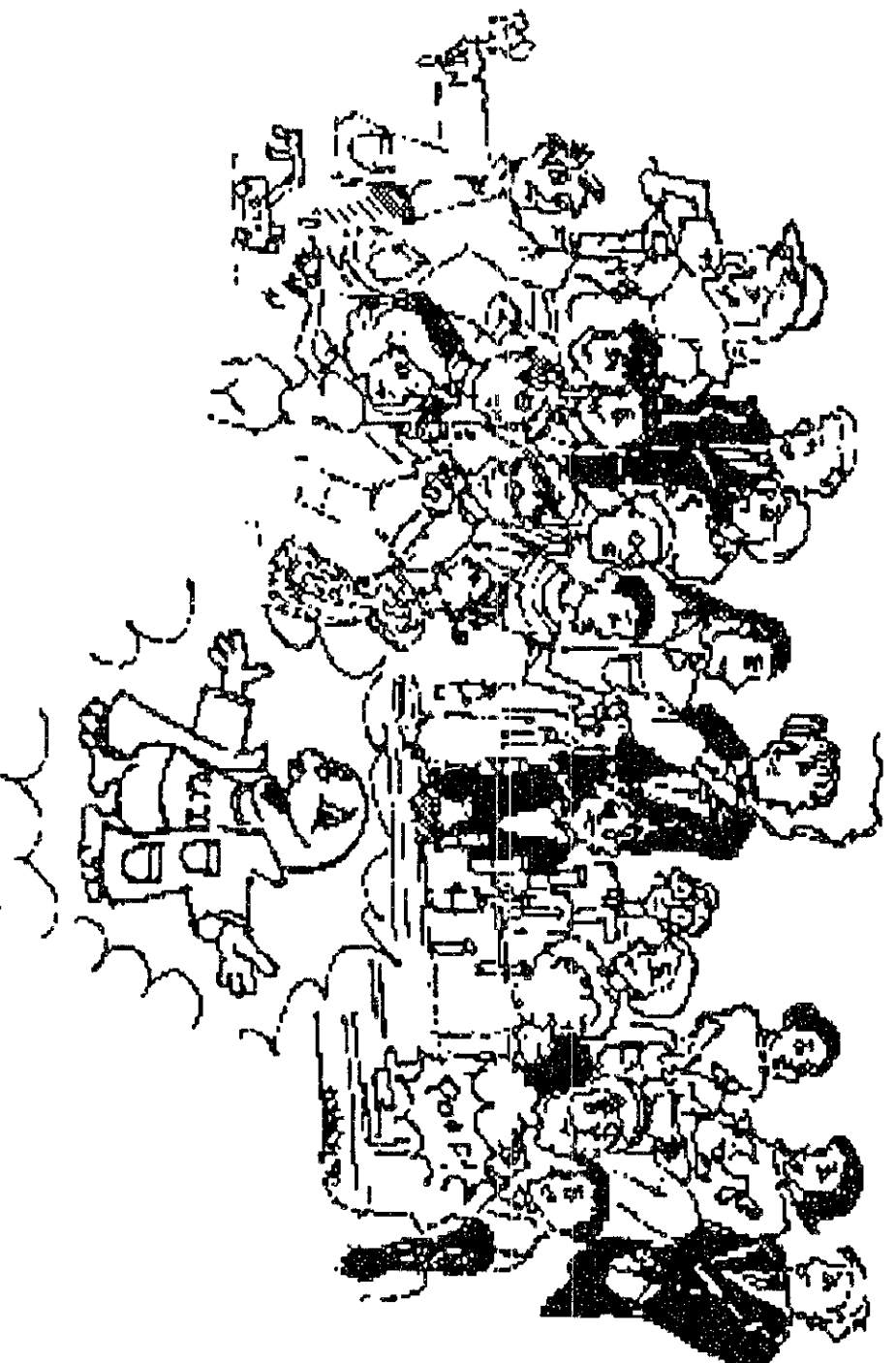
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# McHugh Said that Raustein Impaled Self on Blade

McHugh, from Page 1

sex Assistant District Attorney John W. McEvoy Jr. detailed this series of events and added that McHugh stabbed Raustein with a 7.5-inch switchblade, which cut two ribs and plunged 4 inches into his heart.

Campus Police officers unsuccessfully tried to resuscitate Raustein using CPR. He was pronounced dead at the Massachusetts General Hospital at 10:05 p.m.

The assailants fled across the Harvard Bridge to Kenmore Square, where they were arrested by Boston University Police around 10:15 p.m. The three youths were later indicted for murder and armed robbery.

## Fredheim and Velez testify

Fredheim testified in court on Tuesday, describing how he and Raustein were approached by McHugh and the two others, according to *The Boston Globe*. He said that he did not see who stabbed Raustein. Fredheim said Donovan punched Raustein, bringing him to his knees. He then "heard a click" come from McHugh and saw him holding a knife. Velez took Fredheim's wallet before the three of them ran away, Fredheim said. He then saw his friend on his knees, bleeding and clutching his chest. He used his hands to try to stop the bleeding from Raustein's chest, he said.

Velez testified on Wednesday that after McHugh stabbed Raustein, he wiped his 7.5-inch switchblade on Raustein's back as the victim was on his hands and knees, as reported in *The Boston Globe*. During the testimony, Velez said he did not see McHugh stab Raustein but that McHugh admitted to doing it.

"I asked Shon if he stabbed that guy and he said, 'Yeah. It came out

of his back,' " Velez said when examined by McEvoy.

Velez said that all three of them had been drinking alcohol or smoking marijuana that night. They wanted to get more money for beer.

The prosecution's strategy was to prove premeditated murder and felony murder. Judge John Brandt did not find McHugh guilty of premeditated murder beyond a reasonable doubt, but found grounds to convict him of felony murder.

## McHugh: 'It was an accident'

The defense presented its case yesterday, putting McHugh on the stand. During his testimony, McHugh did not deny holding the knife, but he said that Raustein, who was on his hands and knees, lunged onto his blade.

"I didn't stab him," McHugh said, adding that he took out the knife because Donovan told him to. "It was an accident. I was pointing it at him so he could see it and stay down."

McEvoy called McHugh's statements insulting, according to the *Globe*.

During Wednesday's proceedings, McHugh's attorney Robert A. George tried to prove that the crime was not premeditated. He suggested the three intended to steal money from the MIT campus, not to kill. He also tried to emphasize the discrepancies in Velez' testimony, contrasting Velez' statements when arrested with his statements on the stand.

George moved to have McHugh's first-degree murder charge dismissed because the stabbing occurred after Donovan had first confronted Raustein and Fredheim. Judge Brandt declined the motion after McEvoy reasoned that premeditated murder exists even if an individual decides to commit the crime seconds before the event, according to the *Globe*.

As part of the prosecution's case, a forensic scientist testified that there was human blood on McHugh's jeans, his sneakers, and the knife — no blood was on Velez or Donovan. Another expert testified that the blood was "consistent" with Raustein's blood. A fingerprint expert said two of three fingerprints from the knife were consistent with McHugh's fingerprints.

A medical examiner testified that two of Raustein's ribs had been severed near his breastplate. "That means there was severe force involved in severing those ribs," he said.

## Community reacts to verdict

"I was expecting a guilty verdict because I thought that the evidence was so overwhelmingly clear," said Professor William B. Watson, housemaster at Baker House where Raustein lived. "In my view, this was a murder that has no explanation, has no justification, and should be punished as severely as possible."

"I'm glad that justice was served," said Mariquita C. Gilfillan '94, a Baker resident. "I didn't know [Raustein], but I knew of him."

The verdict "is some minor consolation," said Sanjay K. Aggarwal '95. The murder was "an unfortunate incident," he added.

"If [McHugh] was the person who did it, I'm glad he's being taken care of," said C.J. Doane '95. Being an East Campus resident, Doane said the murder was "pretty freaky" because it was so close.

Watson said, "I feel tremendous sorrow that the family of Yngve Raustein has to relive this tragedy again. I think the whole MIT community wishes to support them in any way that it can." He continued, "I also feel a sense of tragedy as well for the young man, Shon McHugh, and his family."

Before this week's trial could take place, McHugh had a transfer hearing to determine whether he should be tried as a juvenile or an adult. In early June, a Cambridge Juvenile Court judge ordered that McHugh be tried as a juvenile. McHugh was several days shy of his 16th birthday when he committed the crime, and Massachusetts law states that 16-year-olds can be tried as adults. A juvenile convicted of murder faces a maximum sentence

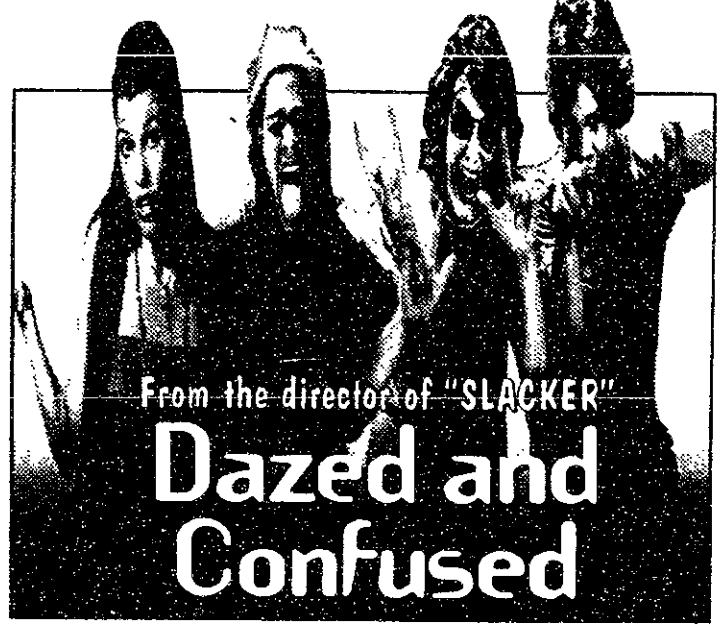
of 15 to 20 years, while an adult convicted of murder faces life in prison.

McHugh will remain in custody of the Department of Youth Services until he turns 21, then he will go to Massachusetts Correctional Institute at Cedar Junction. He will be eligible for parole after 15 years.

Donovan and Velez are awaiting trial.

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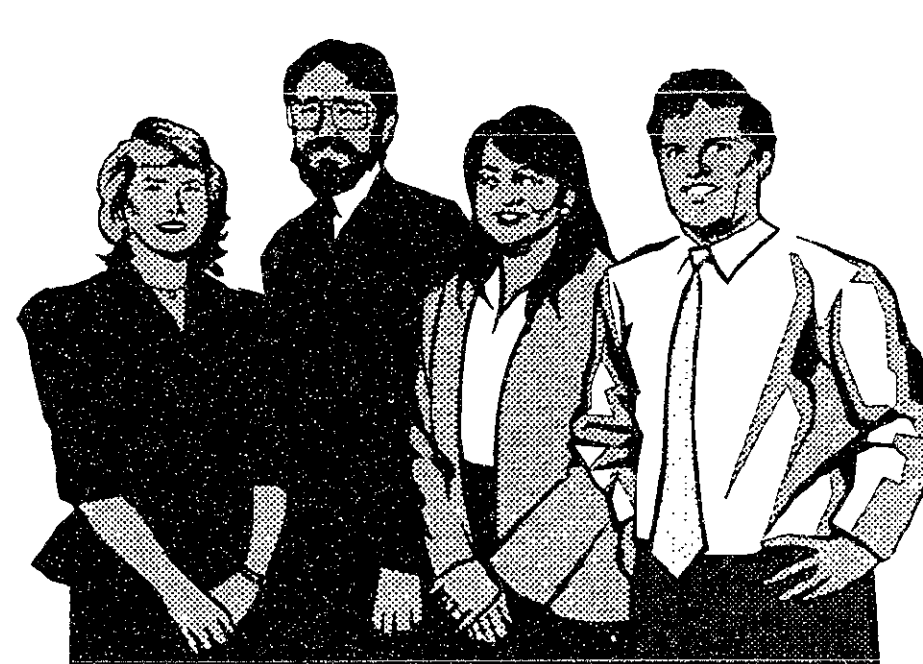
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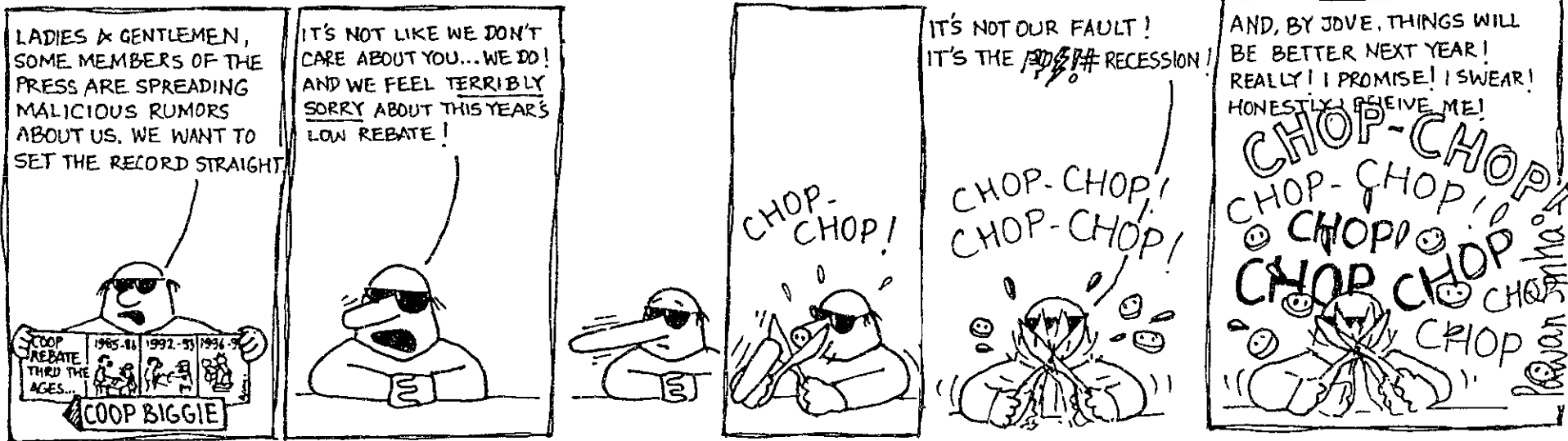
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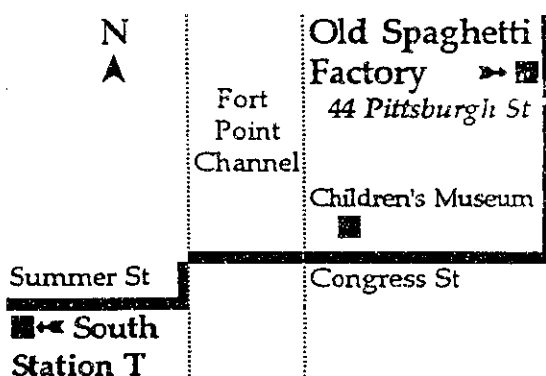
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# Indirect Research Costs Major Factor in Deficit

Budget, from Page 1

ment was applied to the deficit, and the remaining \$7 million came from a series of funds, earned income on reserves, and decapitalization of the research reserve, according to Culliton. It was the first time since 1982 that money from the endowment was used to cover operating expenses.

Continuing reliance on the endowment to cover expenses has serious long-term effects for the Institute, Culliton said. "Whatever sits in the endowment collects interest. If you spend the principal, it's not sitting there collecting interest," he said.

In fiscal year 1992, the operating gap was \$13.1 million and \$6.8 million of unrestricted gifts were used to reduce the deficit to \$6.2 million.

The deficit threatened to much higher this year, but academic programs saved a total of \$3.3 million.

"That happened and [this extra money] was more than we budgeted for," Culliton said. "This year and the last few years it has been very helpful."

### Decline in indirect cost recovery

The increase in the deficit from earlier predictions was caused by three major expenses: a drop in the amount of unrestricted gifts, an increase in the amount of financial

aid given to students, and decline in indirect research cost recovery rates.

The third area, indirect research costs, was the largest contributor to the deficit. The government reduced the reimbursement rate for libraries, student services, medical services, and related facilities at a cost of \$2.7 million to MIT.

Indirect research costs include library and similar services, administrative costs, and costs to support facilities that are not directly related to a particular research project. These costs are billed as a percentage — 58 percent for 1993 — of direct research costs.

A further \$1.7 million loss in indirect cost recovery was caused by a slowdown in the growth of sponsored research. Because the amount of research was less than expected, less of the support costs could be paid for by it.

"If your volume does not grow as fast as you projected, less of that indirect cost can be converted through research. The money has to be paid somehow," Culliton explained.

Culliton expects that indirect cost recovery will be a problem in the future. The political climate and increased government scrutiny of research universities have forced significant changes in MIT cost recovery policy, Culliton wrote in the financial report.

"Many of the practices and agreements entered into jointly between MIT and the government are now being changed, under the government's objective to establish greater consistency and uniformity across the entire university spectrum, with resultant loss in recovery from sponsored agreements at major research universities like MIT," Culliton wrote.

### Financial aid increased

MIT spent a total of \$19.5 million of unrestricted funds to provide financial aid, a 13.2 percent increase from last year, Culliton said. Most of the money, \$16 million, was spent to meet the gap between undergraduate need and available scholarships.

"In the last couple of years we've had some significant increases because of the economy. Whether we're going to see an abatement in that [because an improvement in the economy] we don't know," Culliton said.

Culliton also said that the end of the Overlap Group, which reviewed financial aid levels for students admitted to more than one school in a group that include MIT and the Ivy League, had no effect on aid costs.

The money used to supplement outside scholarships and fellowships reached 20 percent of tuition revenue this year and is projected for

21 percent of tuition in 1994.

In 1985 a task force on undergraduate financial aid recommended that self-help levels increase at a rate two to three percent above tuition increases. The task force also recommended that if the unrestricted funds used for aid reached more than 15 percent of tuition income, it should be a sign of caution and the financial aid policy should be reviewed.

The total amount of gifts to MIT declined to \$89.2 million this year, from \$89.9 million last year. Another \$7.6 million was received through the Industrial Liaison Program, down \$0.1 million from last year.

The total revenue from unrestricted gifts was \$3.8 million less than expected — a total of \$14.2 million.

The Institute's policy on large bequests actually limited the amount of unrestricted funds available this year. William A. Coolidge gave \$8.4 million to MIT in his will. All this money was placed in the endowment even though it was designated unrestricted funds so that the Institute can specifically recognize the donor and can maintain budget discipline.

Placing the bequest in the endowment maintains budget stability. If the Institute relied on large windfalls in some years, it would skew operating budgets, Culliton explained.

### Budget review underway

Last spring, President Charles M. Vest organized four committees to develop recommendations for increasing revenues and decreasing costs. The committees examined revenue enhancement, academic activities, administrative functions, and support services.

The committees submitted reports to Vest, and Provost Mark S. Wrighton and Senior Vice President William R. Dickson '56 are developing final plans to be reviewed by the Executive Committee of the Corporation, Culliton said.

There are certain areas where MIT continues to face financial risks independent of belt-tightening efforts, Culliton explained. "These exposure, or risk, items relate to tuition and salary increase tradeoffs, levels and use of investment and gift income, changes in research revenues and recoveries, and the manner of funding of necessary capital costs," Culliton wrote in the financial report.

He also noted that, "despite efforts to control costs, there are both unexpected and necessary Institute-related events that add to the imbalance in the operating budget. Recent examples include: legal fees, less than full indirect cost recovery, and undergraduate financial aid."

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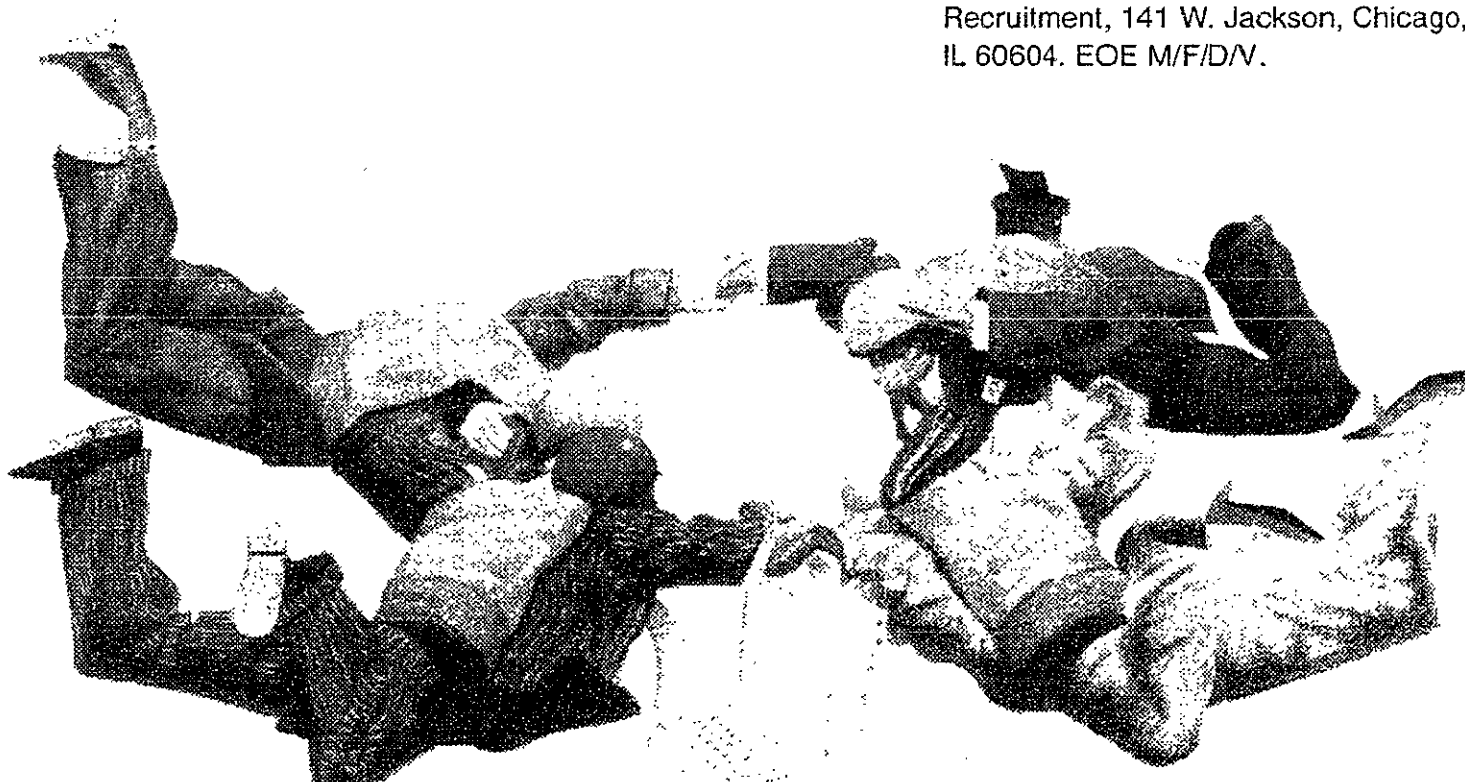
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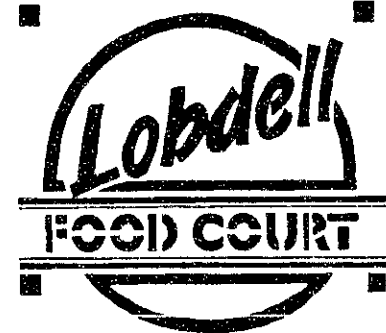
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### Physics Majors - a "Nobel" experiment

Historically the direct measurement of electron velocity in an electron beam has presented problems for experimental physicists. J.J. Thomson's inability to conduct this measurement led to his alternate experiment for measuring a charge to mass ratio. More recently, electron time of flight experiments using low energy electron guns have been strongly influenced by preconceived expectations. Early arriving electrons (those arriving before current theory allows) must be ignored; whereas those arriving within acceptable times can be alternatively interpreted through secondary absorption and emission.

But suppose a low energy electron beam were fired in space at a target that approached rapidly at constant velocity. Now if the energy of electrons in this beam were low enough (so that under contemporary theory they were calculated to be traveling substantially below the speed of light), then the energy of this beam, according to accepted theory, would adhere closely to our kinetic energy equation. In this case, the velocity of the target would be additive with the presumed electron velocity, and recorded energies at the target would allow the beam electron velocities to be accurately determined by subtracting the energy contribution of the target's motion.

The experiment would be difficult to carry out and possibly could only be conducted reliably in space between approaching and receding satellites. But why might this experiment be of "Nobel" stature? Because today the debate over particle or wave is still very much alive. Although physicists still treat the electron and other subatomic entities as particles possessing wave properties, there are increasing reasons to consider these phenomena as concentrated fields or wave pulses, as Einstein, Schrodinger and others suggested. However, waves and field disturbances travel at the speed of light and this has traditionally posed a barrier to a pure wave or field model.

The experiment settles the issue in a more satisfactory manner than previous experiments that have relied on interpretation. For if low energy electron beams traveled at the speed of light their energy would be only marginally affected (due to a minimal frequency adjustment) by the approach or recession of the target. Therefore, they would be subject to Planck's equation in a manner similar to electromagnetic radiation. The experiment either validates current theory, via an additive velocity, or it becomes the Achilles heel for some of the foundational concepts on which we have built our understanding. Preeminent among these would be our Newtonian concept of mass.

Unlike time and displacement, masses are never directly measured. As with electron velocities, masses are merely implied from other measurements, principally forces, displacements and energies. Thus, if in the foregoing experiment results supported the unusual conclusion that electrons traveled at the speed of light, our view of the mass concept would require adjustment. Here, a change in energy of an electron would always require a proportionate change in its equivalent mass. This condition would not be confined to beam electrons. It would follow that electrons in different energy levels in the atom would have different equivalent mass values. And it could be shown that protons would possess similar characteristics. Our predominantly particle view of matter would collapse.

Although today's technology has reached a point where the experiment outlined briefly above is possible, those committed to the current model would not condone it for the purpose of disproving the established theory. Its value would only be seen by a confident establishment as an interesting method of supporting current truths. The idea of electrons traveling at the speed of light is today unthinkable. Yet for the person who is bold enough to undertake it an iconoclastic result is possible that would, amongst other issues, make desirable the purchase of a heavy winter coat, as it can be very cold visiting Stockholm in December.

Physics majors wishing to learn more about a theory supporting electrons traveling at the speed of light with variable masses, a theory that additionally provides for a deterministic model of atomic events, can write the author at the following address:

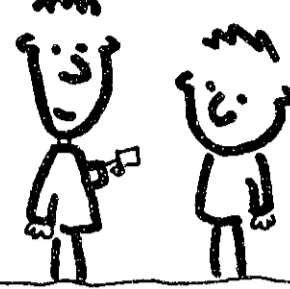
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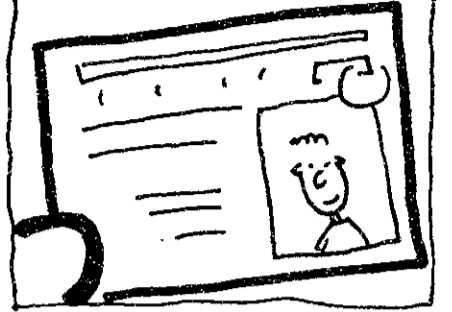
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### Jim's Journal

Today Tony showed me his drivers license, which he had just gotten renewed.



"Don't I look like a dork?" he said, laughing.

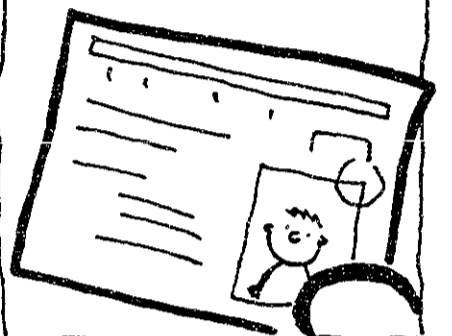


by Jim

He wanted to see my license, so I showed it to him.



"Ooh, you do not photograph well, Jim," he said.



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# Legal System Creates Problems For Victims of Harassment

Harassment, from Page 1

shame they feel be turned against them, but rather that they should make the public aware of the wrong the harasser committed.

## Macleish discusses victims' rights

Macleish has represented many victims of sexual abuse and sexual harassment, including the victims of Rev. James Porter. Macleish talked primarily about the limitations of the legal system for handling harassment.

Macleish began with a reference to Henderson's talk. "When Tommie did what he did, I don't think he did it because he thought he was going to change people's minds over there. He wanted to destroy the illusion that they have all the power," Macleish said.

Sexual abuse and harassment, Macleish said, are abuses of power. "When you are sexually harassed or sexually abused, it is not because the perpetrator is horny, but because they are people who will abuse power," he said.

"There will always be people in our society who abuse power," Macleish continued. "The horror of it is ... dealing with the institutions that harbor and protect these individuals." He characterized MIT as an example of an institution that protected perpetrators of sexual harassment.

One of the biggest impediments to handling harassment cases is the current legal system, Macleish explained. "The law does not reflect the reality and the horror of sexual abuse and sexual harassment because the law is made primarily by middle-aged white men who come from institutions" that have little interest in curbing harassment, he said.

Macleish cited cases where the

statute of limitations on sexual abuse and pedophilia have prevented prosecution of repeat offenders. He said that in many occasions, state agencies expressed no interest in pursuing cases where victims who were sexually abused as children came forward to testify against their abusers — even when those abusers were in daily contact with other children.

## Six-month time limit

Macleish also said the six-month time limit within which harassment victims have to file a complaint with the Massachusetts Commission Against Discrimination was problematic.

Victims of harassment are often traumatized by the harasser and may not be ready to come forward to testify before the time limit is past, Macleish explained.

If a victim does file a complaint, there are a host of laws prohibiting sexual harassment, but the grounds for proving the case are slim, Macleish said.

There are two types of sexual harassment, he said. The first is quid pro quo harassment, in which a supervisor tries to coerce an employee into dating or sexual relations, with the promise of work-related benefits. When the employee rebuffs the advances, the employee is fired.

In these situations, the victim has a clear right to sue both the supervisor and the employer, Macleish said. "You don't even have to show that the employer knew about the harassment going on. You do have to prove you were sexually harassed and ... that your termination was required because you did not submit to these advances," he said.

The second kind of harassment was hostile environment harassment. Macleish characterized this

case as when the victim need not show tangible economic harms, but only that a pervasive environment of harassment existed.

## Harassment must be pervasive

The pervasive test is cumbersome, though, Macleish said. He cited one case where the victim did not suffer serious psychological harm, and for that reason the court ruled in favor of the harasser.

The pervasive test as Macleish described it is a catch 22. To be sure of winning a hostile environment case, he said, the victim must be completely destroyed psychologically — destroyed to the point that the victim would hardly be capable of bringing a case in the first place.

Macleish also said the tendency "to go along with the boys" can cause a victim to fail the hostile environment test. "Some courts have said you would lose legal rights unless you oppose [harassment] from the beginning," he said.

In one case, a court ruled that sexually explicit posters of women hung in factories could not be considered to create a hostile environment because they were so common in American factories that women should expect them.

Macleish described some measures that institutions could take to be more responsive to the victims of harassment. "The people who are listening to these complaints have to have some power. They must be able to move or fire the harasser. They need to be trained to listen empathetically," he said.

"I don't know the details of MIT's harassment policy, but from everything I've heard, it's sorely lacking," Macleish concluded.

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On-Campus Interviews: Monday, November 1

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### Jim's Journal

Steve made a casserole today and invited Ruth and me over to eat it.



He said he was worried it might be too spicy and asked what we thought.

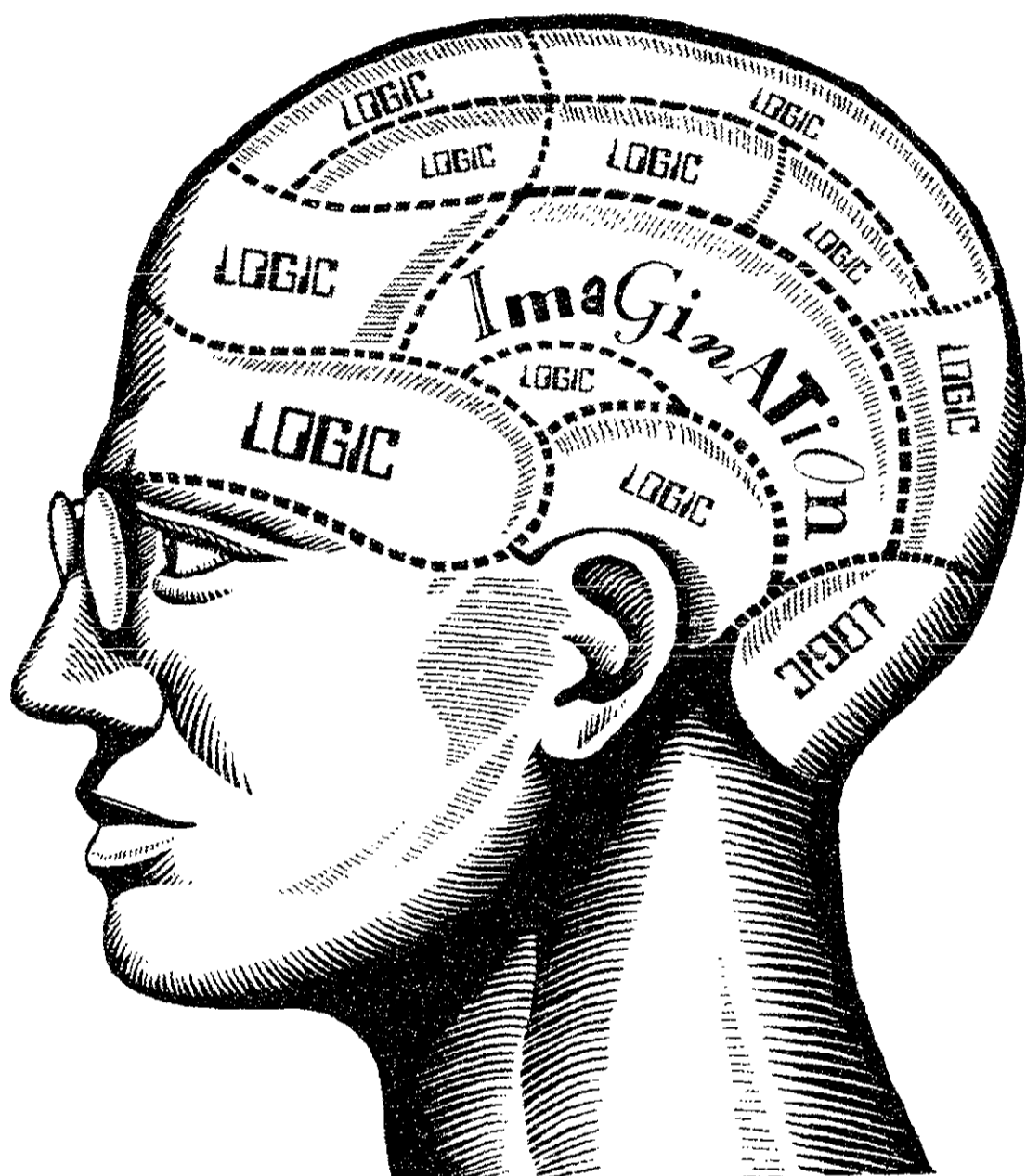


by Jim

I said it maybe was too spicy, and Ruth didn't say anything.



Steve kept saying "C'mon, Ruth, be honest," until she finally said, "It's a bit spicy—but it's good."



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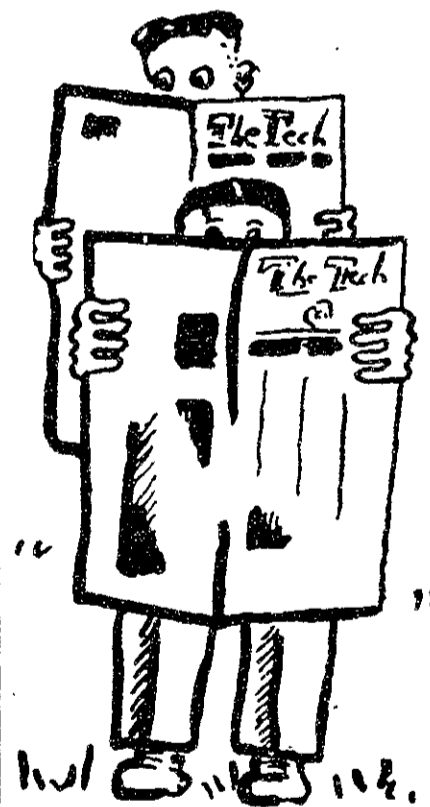
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# Women Rowers Slice Competitors in Regattas

By Megan Jasek  
TEAM MEMBER

"MIT on the paddie. . . Okay guys, all eight on the paddle. . . Number 478, Cornell University, Go! 479, Brown University, take it up. . . All eight up to three-quarters pressure on this one. . . Brown University Go! 480, MIT, bring it up. . . Full pressure on this one. . . MIT Go! beeeep. . . power ten to start us off. . ."

These are the voices of one of the MIT coxswains and the starter of the Head of the Ohio Regatta. The MIT rowers heard phrases similar to these at the beginning of all

their head races in the fall. This weekend, the women's crews were spread out across the country. The varsity boat went to the Head of the Ohio in Pittsburgh and the lightweight and junior varsity boats went to the Textile Regatta in Lowell, Mass.

The Massachusetts-based crews had a good weekend. The junior varsity eight rowed in the club eight event. From bow to stern that boat consisted of Heather Back '96, Catherine Conley '96, Nicole Weymouth '96, Linda Rosenband '96, Stacy Morris '96, Judy Ascano '96, Christine Macauley '94, Tracy Adams '94, and Pappudu Sriram '96. They placed fourth out of 17 boats with a time of 20 minutes, 27 seconds. Boston College was first with a time of 19:49, but the junior varsity was happy to know that its time beat the Simmons varsity boat.

The lightweight boat was frustrated when it arrived in Lowell to find out that they were the only boat registered for the lightweight race, so they too rowed in the club eight event. Overcoming all forms of disappointment they came in eighth with a time of 20:29, only 22 seconds behind the other MIT boat. That boat from bow to stern consisted of Gloria Ro '94, Cindy Fung '96, Louise Wells '96, Sarah Vitek '95, Becky Berry '95, Malee Lucas

'94, Tiina Hameenanttila '94, Diane Hodges '95 and Candice Klug '94.

The morning in Pittsburgh started off at 6:30 a.m. when the athletes left the home of a 1980 Sloan graduate. The first race of the day was the open four event at 9:50 a.m. The MIT women raced two fours. The MIT-A boat consisted of, from bow to stern, Victoria Parson '94, Sarah Black '96, Megan Jasek '94, Andrea Jensen '95, and Sherry Hsiung '95. The MIT-B boat consisted of, from bow to stern, Bethany Foch G, Sabrina Bernold '95, Amy Swanson '95, Jessica Oleson '96, and Shruti Serha '96. There were 10 boats competing in the race. MIT-A finished third with a time of 16:29.3 and MIT-B finished fifth with a time of 17:10.1. The Cornell A and B boats placed first and second.

The day grew drearier and the rain started to fall. The regatta was behind schedule by an hour, but that did not stop the MIT rowers from being psyched for their eights race now postponed to 3:30 p.m. The rowers kept warm and tried to dry their racing clothing in a Suburban with the heat on. The championship eights race was the last race of the day. The water was much calmer for this race than it had been in the morning. There were 11 boats in this race. The MIT eight which consisted of the same eight rowers list-

ed above and coxswain Sherry Hsiung placed third behind Cornell and Brown.

It was a great rowing weekend for the MIT women. Coach

Mayrene Earle said this is by far the best crew that she has ever coached. She anticipates great things for the women this year. She said the team is filled with depth and spirit.

## Runners Blaze to Win 2nd in N.Y.

By Rob Casadonte and David Moyle  
TEAM MEMBERS

The men's cross country team finished a strong second to Williams College in the 13-team LeMoyne Invitational in Syracuse, N.Y. Saturday. The team was led by a blazing Jesse Darley '95 who set an MIT course record by 21 seconds and remained undefeated against New England runners.

Darley and two others broke from the pack after two miles, and Darley finished second behind a runner from St. Lawrence University. He covered the course in a stunning 26 minutes, 27 seconds.

In the final scoring Williams edged out MIT, 44-58. Other schools were: St. Lawrence 59, SUNY-Gene-seo 101, and St. Rose 130.

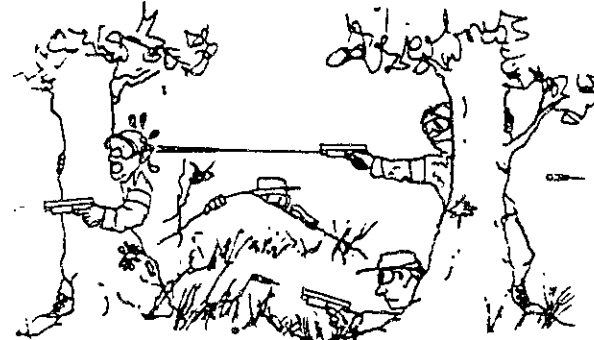
Behind Darley, David Moyle '94 (27:14), Jerry Pratt '94 (27:28), Raj Suryadevara '94 (27:41), and Arnold Seto '96 (27:55) rounded out the top five scorers for the Beavers, placing seventh, 11th, 16th, and 22nd in a field of 85 runners. Tarik Saleh '95 and Dan Hegelson '97 also raced strongly for the varsity, placing 29th and 46th respectively.

The course was hilly and slick because of overnight rain, so MIT started conservatively in the middle of the pack. Then the Tech runners surged with great strength over the final two torturous miles. MIT runners blew past numerous other competitors who folded by the wayside as the Beavers roared past.

In the junior varsity race, MIT also placed second to Williams College, though the JV harriers had hoped to defend their 1992 team championship. Rob Casadonte '94 (28:06) and Josh Feldman '97 (28:41) raced particularly well in this race, finishing second and fifth among the 60 runners. The top three JV team scores were Williams 32, MIT 43, and St. Lawrence 73.

The team now looks ahead to the Babson Invitational and defending its 1992 conference championship in the coming weeks, as well as a rematch against Williams.

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3. Brain surgeon with hiccups.
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## Men's Tennis Team Trounces Clark U.

By Dan Wang  
*TEAM MEMBER*

The men's tennis team improved its fall record to 2-2 with an 8-0 win over Clark University on Tuesday.

MIT played the match without the services of its top player, Jay Muelhoefer '94, who was on the sidelines recovering from injuries sustained during the Rolex New England Regionals held last weekend. Coach Jeff Hamilton was forced to move everyone to one position higher than usual.

The change did not dramatically affect the outcome of the match. In singles play, Mauricio Lomelin '94, Nick Tsai '94, and Dan Wang '97 all captured their first singles victories of the season.

In his first varsity singles match, Rob Marcato '97 won fairly easily over Chirag Chaman, 6-1, 6-3. Lomelin, Wang, and Jason Wein-

traub '97 also won their singles matches in straight sets. Tsai and Mark Erickson '94 both struggled early on, but recovered to win in three sets with scores of, respectively, 5-7, 6-0, 6-0, and 6-7 (7-4), 6-4, 6-2.

With the outcome of the meet already decided after singles play, the doubles teams played abbreviated matches. Tsai, who usually plays with Muelhoefer, was paired this time with Marcato. They were able to win, 8-6, over the Clark team of Chaman and Brad Powers. The third doubles team of Wang and Weintraub improved its record to 2-2, with an 8-3 win over Josh Barrett and Neil Defrancesca.

Doubles play had nearly been completed by the time Erickson finished his singles match. For this reason, Erickson and Lomelin, the second-seeded doubles team, did not play their match.

## Sailors Make Good Show Around N.E.

By Danielle Ames  
*TEAM MEMBER*

It was another busy weekend on the water for the sailing team. On Saturday, at Harvard University, the crews of Adam London '95 and John Feland '94, and Charlie Pan '95 and Eugene '95, battled heavy winds and placed fifth out of twelve teams in the Northern Series.

Meanwhile, Doug DeCouto '97 and Patricia Schmidt '96 sailed together along with Danielle Ames '96 and Elaine Heal '95, at the U.S. Coast Guard Academy in New London, Conn. MIT was among

twenty of the best teams in the country represented at this two-day event.

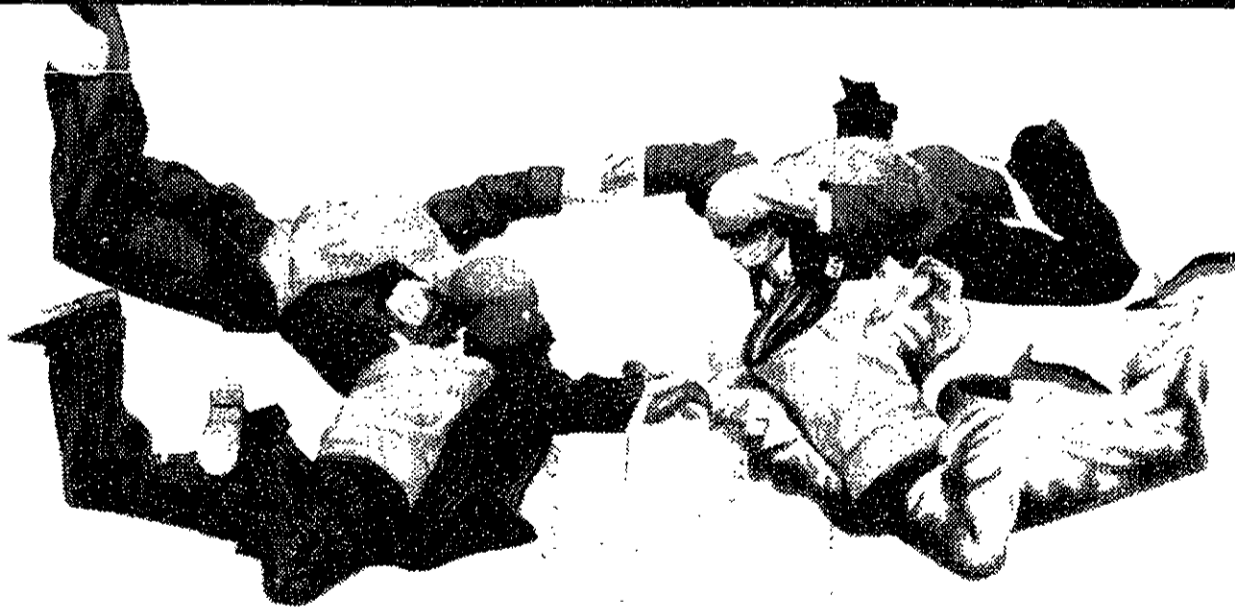
On Sunday, Al Slivan '95 and Heather Campbell '95 won their division in Tech dinghies here at MIT. Together with Dan Nestor '96, who sailed in the Laser division, these three placed third overall.

Finally, the newcomers to college sailing had a regatta on Sunday at Harvard. Chris Stratton '97, Robert LaChance '97, Jeff Brook '97 and Alan Ai '97 sailed in this event, continuing to make strides toward glory.

Want to talk? Call Nightline: 253-8800

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Campus Presentation  
Tuesday, October 12th  
4-231  
7:00 pm

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# Rugby Is Victorious Over Schenectady

By Eric Oliver  
TEAM MEMBER

On Saturday the men's rugby team battled Schenectady. Despite strong winds and a second half comeback by Schenectady, the Engineers came away with a 35-24 victory.

MIT started the match with the wind at its back, and quickly took advantage. Following a try by Ben Paul G, MIT stormed back down the field. Warren Brown G ran the ball to within 10 yards of the goal, and as he was being tackled flipped the ball to Jaco du Plessis G who sprinted into the try zone. Strong, aggressive defensive play neutralized many of Schenectady's offensive weapons, and seemed to intimidate their backs.

Meanwhile, MIT capitalized on several opportunities, with Paul scoring again, followed by a try from Guy DeBelle on a pass from Mark Johnson G. The half ended when an attempted Schenectady kick was blocked by Hal Ackler G, who picked up the ball and ran it in for a score. The strong winds seemed to play havoc with Chris Perry's conversion kicks, as all of them were wide. The half ended with MIT ahead 25-0.

The second half allowed the Schenectady club to play with the wind at its back, and they responded by scoring 24 points. It was not enough, however, as the Engineers scored twice more against the wind (by Johnson and Brown) and came away with the win. The A side is now 2-2, and plays league rival Harvard University in a home match this Saturday.

The B side match was dominated by defense, as MIT fought to a 12-5 victory. The wind was less of a factor, and the Engineers broke the ice, after several minutes of pounding the ball into the Schenectady "red zone," with a crashing three yard score by Kent Engebretson G. The conversion kick by Eric Oliver G gave MIT a 7-0 lead. The ball changed possession several times throughout the half, and MIT earned its second score when Dylan Bruno '94 crashed through several defenders into the try zone. The kick failed and MIT went into the half leading 12-0.

For the second half, Bruno set the pace with hard hitting and aggressive tackling as Schenectady had trouble penetrating the defense. The team managed one score late in the game and missed the kick, and MIT rolled to a 12-5 win.

## UPCOMING HOME EVENTS

**Saturday, October 9**  
Varsity Sailing: New England Singlehanded Championships, 9:30 a.m.  
Women's Varsity Soccer vs. Smith College, 11 a.m.

**Sunday, October 10**  
Varsity Sailing: New England Singlehanded Championships, 9:30 a.m.

**Write for *The Tech* Sports Department!**  
Call us at 253-1541 and ask to speak to Ann or Eric.

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**Time:** 7:00 - 9:00 p.m.

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For more information, contact Vernon Imrich, MIT-Voters Education Project, at 253-3910 or 876-3887.

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# Career Fair

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## Glanville Brings in 11 Elvis Impersonators

Let's Argue, from Page 23

### Let's Argue Fan Top 5

This week's listing comes from Houston, Tex., home of Chris Sonne '91.

1. Florida State
2. Miami
3. Alabama
4. BYU
5. Baylor

Former members of the Big Red Machine. Gary Nolan, Pat Zachary, Mike Lum, Rawley "Witches of" Eastwick, Fred Norman, Dan "Ranch" Driessen, Jack Billingham, Clay "Christmas" Carrol, Doug Flynn, and Pat Darcy.

### Globe Gem of the Week

Although this space is normally boxed off for Globe sportswriters, a quote that appeared in the sports section on Tuesday clearly outdistances any Dan the Man, Meatball Mike, or Onion Ring Ryan barbs: "On this day in 1850, flogging was abolished as a form of punishment in the U.S. Navy." And we thought flogging was a form of amusement.

### Race for Futility

- Pigeons: 0-5  
 Patsies: 0-4  
 Pussy Cats: 0-4

Glanville brings in 11 Elvis impersonators during Atlanta's bye week to scrimmage the Falcons in an attempt to bolster team's confidence. Falcon players a no-show, however, as they are too busy watching CBS and the Braves-Phillies series. New England and Cincinnati, each with talented young quarterbacks, hungrily eye San Diego State's Marshall Faulk.

### You Heard It Here First

Tampa Bay will be awarded Super Bowl XXXI in 1997, edging out San Diego. This will not only allow Bay area fans a chance to see how football is supposed to be played, but also allow your humble scribes to revisit Space Odyssey 2001, a quaint bar down the street from the Big Sombrero.

### Mondongo's Hueso de la Semana

We have two winners this week in our Bonehead Play of the Week competition. First, to the unidentified San Diego State player who "fell" out of bounds at the half-yard line after receiving a kick-off during last Thursday's SDSU-UCLA game. And second, to Gary Sheffield "of Dreams" who muffed two grounders en route to a three error game, the day after signing a new mega contract (of course, it pales in comparison to the one signed by Grandmama).

### Trivia Question of the Week

Who is the only (collegiate) player to win both the Heisman Trophy and the national championship in the same season? Send answers, comments, and the number of rollerbladers you have personally tripped to sports@the-tech. Answer to last week's question: Dr. Bobby Brown. Kudos to Jonathan Sigman '95 and Alex Tapia '96 who got it right. They win the right to dot the "i" in script MIT, performed by the MIT marching band during halftime of the Oct. 23 homecoming football game, a game that will be broadcast live by your humble scribes on WMBR (88.1 FM) starting at 1 p.m.

### MIT TWIB NOTES

The men's water polo team is off this weekend as they prepare for the New England Regionals at UMass next weekend.

The football team is ranked 13th in New England, while the cross country team is third.

Two thumbs up to women's soccer player Becky "You can't stop her, but can only hope to contain her" Hill who is first in scoring in the New England Women's 8 with 9 points (4 goals, 1 assist). The team ranks second behind Brandeis, behind the Pickory Cardinals.

sporting a 2-0-1 (conference), 8-0-1 (overall) record. This week, led by Neon Dionne Chapman '94 and Chantal Wright '94, the lady Beavers spanked a weaker Wellesley squad by the score of 2-0.

Meanwhile, Attila Lengyd (fifth in the CAC in scoring) and Dave Lockwood (first in buffoonery) lead the men's soccer team (0-3, 3-3) into battle.

Hats off to the women's volleyball team, ranked fifth in the NCAA Division III Eastern Region with a 7-0 record. Led by Coleen Kaiser '94 and Jill Keidel '94, the team is participating in the Eastern Connecticut State University tournament this weekend. Good luck to the Lady Spikers.

Finally, the women's tennis team continues to make fools out of the critics as they are in first place with a 2-0 (4-0 overall) record and are currently ranked sixth in New England.

### Vix Picks

MIT 14, Westfield State 12: First three-game winning streak for the Engineers for as long as The Pretzel Man can remember. Boston College 20, Rutgers 16: All day marathon of Fox's television show "The Heights" causes Eagle players to long for home. Boston University 15, Northeastern 14: Big-haired crowd, spurned on by the antics of MIT escapee Mike Nuckles '96 and Katrina Bang (BU '94), inspire the Terriers to victory. Patsies 17, Bishops 6: A Patsie win means a sweep for the hometown teams this week. Steelers 13, Lightning Bolts 7: Coach Ross decides from now on to levy fines against any player mentioning the word "touchdown" as San Diego has lost every game they have scored a "6 pointer" in. Norwegian-Americans 20, Bucs 14: Tampa players are too hung over from shaking it down at the Baker Add/Drop Date party. Chiefs 30, Pussy Cats 13: Cincinnati nominated for Ig Noble prize in the category of impersonating a Pop Warner football team. Browns 20, Fish 16: When trying to salute the crowd in a manner similar to his greetings to the fans of Buffalo, Cox gets fingers shot off by a marksman nestled comfortably in the Pound. Dawgs go wild, as Fish get munched. Jets 16, Raiders 3: Score is obvious, the age of Amy Fisher when Joey Buttafouco was courting her and the number of rendezvous Joey finally admitted to having with her. Last week: 5-2. Season to date: 22-11. Sorry to the MIT betting public who relies on Vix Picks before calling their bookies for last weekends football games, but *The Tech* was unable to receive our fax transmission from the limo.

### Rumbling's From Round the 'Tute

From David G. Steel '93, our man in the Windy City: "Chicago today is a city in shock. In a single night Michael Jordan's retirement leaked out to the media and the White Sox were trampled by the Toronto Blue Jays. But Chicago fans stay optimistic, and last night as they choked back the tears over MJ's departure there was already talk of Will "Frank" Perdue starting for the Bulls. Across town, at the new Comiskey Park, the Jays showed they didn't care about the white sox being waved in their faces and hit the ball all over the park. Ellis Burks captured the spirit of the Sox performance during an interview when he kept talking about still playing for the Red Sox, apparently forgetting that he had changed the color of his footwear. If they don't improve, the White Sox will come about as close to the World Series as Ellis did with Boston. Prediction of the week: Unless Bo Jackson has several good hits in the AL series, look for him to spend some time next season with the newest White Sox minor league team, the Pickory Cardinals."

## Society of Minds



Symposium and  
 Second Misawa Lecture

October 18, 1993

8:30 am-5:30 pm  
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 Massachusetts

The MIT Media Laboratory will host  
 a Society of Minds symposium  
 to celebrate the ongoing  
 academic career of Marvin Minsky.

Minsky, one of the founders of  
 the field of AI, will deliver  
 the second Misawa Lecture  
 at the close of the symposium.  
 Many colleagues, former students,  
 and friends from academia  
 and industry will present talks  
 on some of the themes that have  
 characterized Minsky's scholarship.

Host and Emcee  
 Hugh Downs  
 ABC News 20/20

Speakers  
 Arthur C. Clarke  
 Oliver Selfridge  
 John McCarthy  
 Seymour Papert  
 Danny Bobrow  
 Gerald Jay Sussman  
 Jerome Ysrael Lettvin  
 Michael Hawley  
 David Waltz  
 Danny Hillis  
 Kenneth B. Haase  
 Marvin Minsky

To register for this event,  
 contact the MIT Media Lab  
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 call 617-253-0639, or send  
 e-mail to minsky-symposium  
 @media.mit.edu.

# SPORTS

## A Let's Argue Tribute to His Airness, Michael Jordan

By Mike Duffy  
and Andrew Heltner  
SPORTS COLUMNISTS

Before beginning our regularly scheduled column, we pay tribute to His Airness, arguably the greatest basketball player of all time. Michael Jordan announced on Wednesday that he would hang up his sneakers and play the roll of a "normal" Joe Citizen. We can't begin to list all of his records and accomplishments, but we can say that he will be missed. Of all the superstars throughout the history of the NBA, Michael is the only one who did not have any flaws to his game. The rumors that Spike Lee will now be named to the Bulls roster, though, are, at this time, premature. Good luck, Mike.

Now that the season's first "game of the century" is upon us (Florida St. - Miami), it's time to check and see how the most heralded kicker in the land, freshman Scott Bentley of FSU, is doing. Bentley had been recruited by Notre Dame since the sixth grade, but felt

the wrath of Pope Lou Holtz when he spurned the Irish in favor of the Seminoles. Coach Bowden signed him as the answer to FSU's historic kicking woes, hoping Bentley would help to deliver his first national championship. But thus far, the man with the golden foot has missed more extra points (7) than FSU opponents have even attempted (2). Of course, all of this is academic when your team is winning 51-0 and you are able to boot a 35 yard field goal against Miami with 10 seconds left.

Someone up there must really want to see Joe Paterno in the Rose Bowl. A casual glance over Penn State's schedule this season reveals that the Nittany Lions have a big advantage over Ohio State and Michigan in the Big Ten race. Penn State has a day off tomorrow, then faces the maize and blue next week in Happy Valley. This is followed by another bye week, then a trip to Columbus. These two weeks off will aid Paterno immensely in his quest to round out his bowl resume,

as he's been to all the majors except the Rose. Sorry, Joe, but we don't buy any of that gibberish coming out of State College about how these two off-weeks actually hurt you. Nor do we think you will be in Pasadena on the 1st. How does San Diego (Holiday Bowl) sound.

Outside of Sir Vix, no one felt luckier Friday night than Lennox "Webster" Lewis. Lewis dropped the first five rounds to Frank "Sheep are Divine" Bruno and was getting pummeled in the seventh when he landed a wild left hand that spelled the beginning of the end for Bruno. Lewis, the goofiest fighter in the heavyweight division, will need to learn better defense if he hopes to survive his March 5 encounter with Tommy "Moon-dance" Morrison. For his part, Bruno fought well enough to warrant a good money fight on USA's Tuesday Night Fights, lately the haven for old fighters hanging on to dignity by a piece of dental floss. Riddick Bowe may want to sign up for a fight with Lennox

now before Lewis falls and they both lose out on a fat payday.

This year's National League West and American League East pennant races should show the Lords of the Diamond that having wild card teams in the playoffs is not the answer to baseball's woes. Baseball set an all time record for attendance this season, even if you don't include the totals from expansion teams Colorado and Florida, yet owners continually moan about TV contracts and not making enough profit because of escalating salaries. Yet how exciting would the NL West race have been knowing that both San Francisco and Atlanta already had clinched playoff spots; or how exciting would the AL East race have been knowing in August that five teams within one game of first were duking it out for two spots. In the NFL, with its 16 game schedule, it is one thing to have wild card teams, but in a sport with 162 regular season games, it should be winner take all.

Here's hoping for three four-

game sweeps in baseball post-season play, thereby ensuring that CBS will again lose money on its baseball broadcasts. How stupid does CBS think we are when they say that games are starting at 8:07 p.m. so that kids can watch the games in their entirety, and not because of commitments to Dave Letterman's late night show. We know that the scheduling is driven by the fact that Beavis and Butthead come on at 11 p.m. and, no matter how exciting the baseball game is, kids will switch over to MTV at that time in order to watch the boys.

### Menudo's Top 5

1. Florida State
3. Alabama
4. Miami
5. Notre Dame

One of these days maybe Alabama will play a real team, while the Irish face a horrible Pitt Panther squad.

Let's Argue, Page 22

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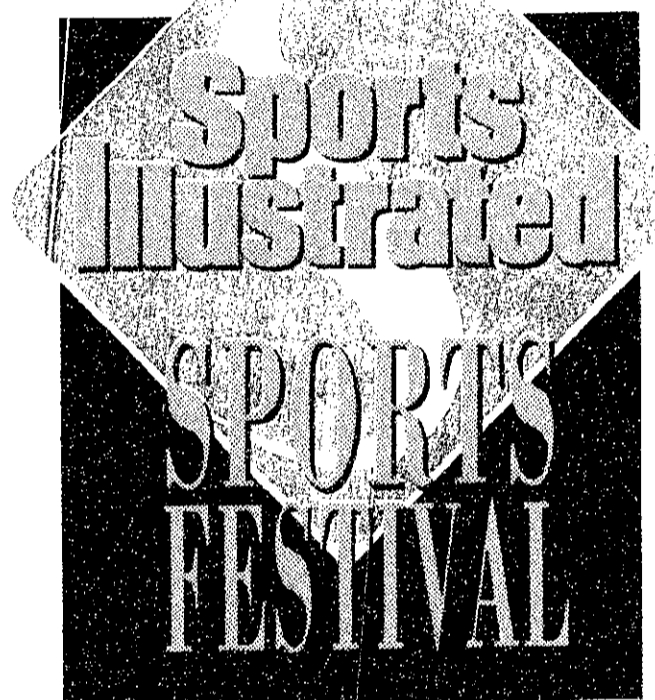
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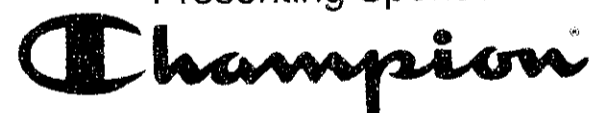
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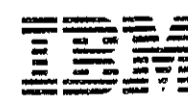
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