

## Wilson Named Interim Head Of Minority Education Office

By Daniel C. Stevenson  
ASSOCIATE NEWS EDITOR

Former Professor of Mechanical Engineering David Gordon Wilson is serving as the interim director of the Office of Minority Education following the Sept. 1 resignation of Judy Jackson.

Dean for Undergraduate Education and Student Affairs Arthur C. Smith announced the appointment last week.

"I am very glad that David accepted this position," Smith said in a letter to the faculty last week. "He will bring his long experience at MIT and his demonstrated concern for students as he helps to fill the gap left by Dean Jackson's departure."

Wilson retired from the mechanical engineering department on July 1.

Jackson announced her resignation last spring after heading OME for four years. She is pursuing a PhD in higher education administration at Harvard University.

An interim director was chosen because of the time it will take to

find a permanent replacement, Smith said. A search committee was formed recently to find the replacement for Jackson, he said.

Smith hopes to find a permanent replacement by December, but he does not expect the new director to start until the beginning of February.

The search committee consists of six administrators and faculty and five students. It began working after all of the applications and resumes were collected, said Luis H. Rodriguez Jr. G, a member of the committee.

Over 100 people have applied for the position, Rodriguez said.

Student input is very important to the committee, Rodriguez said. The search committee will hold a public meeting on Sept. 21 at 7 p.m. in Room 2-105, he said.

"Part of the purpose of the open meeting is to tell people more what's going to be going on in the search process," Rodriguez said. The committee is "trying to figure out what different parts of the MIT community want to see in a director," he said.

Jackson's permanent replacement should be "very close to sainthood," Wilson said. The person should be able to "work like crazy" and have "a heck of a lot of energy," he said.

"I am very honored, and I feel I will be very highly challenged," Wilson said. Wilson was the faculty adviser to the black mechanical engineering society for many years and taught mechanical engineering in Ahmadu Bello, Nigeria, before coming to MIT.



Professor David Gordon Wilson

## Wodiczko Will Direct CAVS

By Stacey E. Blau  
STAFF REPORTER

Krzysztof Wodiczko was appointed director of the Center for Advanced Visual Studies last month. Wodiczko is internationally renowned for his work in image-projection creations relating to social issues.

"Professor Wodiczko is exactly the right person to lead CAVS as it breaks new ground in invigorating the exploration of the connections between art and technology," said Dean of the School of Architecture William J. Mitchell, who made the announcement on Aug. 31.

Wodiczko was appointed associate professor of architecture and will begin serving as CAVS director in February. He is currently at the École de Nationale Supérieure des Beaux Arts in Paris preparing a retrospective exhibition for display in Warsaw.

Wodiczko is also traveling in Europe working on the Alien Staff Project, according to Christine C. De Metruis of Gallery Lelong, an art gallery in New York that Wodiczko is affiliated with.

Wodiczko is interviewing resident aliens in Finland, France, Poland, Spain, and Sweden about their experiences in their foreign countries. Videos of these interviews are then played on televisions atop staffs carried around city streets to solicit reactions from individuals who are interested in the videos. "It's the interaction that he is really aiming for," De Metruis said.

Gallery Lelong will be hosting an exhibition of Wodiczko's work in late spring.

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An international ministry group called "The Family Singers" gave a free concert on the Student Center steps Wednesday afternoon. The group of singers, who range in age from 16 to 22, is based in Washington, D.C.

## Most Students Got Top Choices in Lottery

By Ifung Lu  
ASSOCIATE NEWS EDITOR

More than 90 percent of the students in the housing lottery were assigned to one of their top three choices, according to information released by the Office of Residence and Campus Activities.

A slightly greater percentage of women than men received one of their top three choices — 94.9 percent of the women, and 86.7 percent of the men. Only 5.3 percent of the students received assignments that were among their bottom three choices.

"From all the reports we've gotten, everything went extremely well," said Margaret A. Jablonski, associate dean for residence and campus activities. There were no serious problems, and people were

pretty comfortable with the housing process, Jablonski said.

The housing process also resulted in fewer crowded rooms this year. According to Jablonski, about 130 rooms on campus were crowded, which is down from the all time high last year, when rooms in Baker House were crowded to quint and lounges in MacGregor House were converted into bedrooms.

Jablonski attributes the success of the lottery to several factors. The addition of the Alpha Chi Omega sorority house, located on Commonwealth Avenue, and the conversion of the W2A building, located between McCormick Hall and Ashdown House, to the McCormick Annex increased the Institute housing capacity by about 50 people. W2A used to contain the chaplaincy

offices and various rooms used for Panhellenic Association activities.

Huntington Hall, in downtown Boston, continues to house around 60 upperclassmen.

In addition, an unusually successful independent living group rush this year relieved some of the housing problems by opening up vacancies in dormitories on campus.

### Many students pleased

Most students were pleased with their housing assignments. Some celebrated receiving assignments to oversubscribed dormitories like MacGregor and McCormick, while many others reacted positively to receiving dormitories other than their top choices.

"I was really happy [to get MacGregor]. I went with some friends

and we all got the same dormitory," said Dylan Rivas '98, who had been assigned his first choice.

Rebeka Marcus '98 was also happy to receive her first choice of Random Hall. "I'm very happy there. But I was pretty sure that I would get it because it's undersubscribed," Marcus said.

For the 8.6 percent of students that did not receive any of their top three preferences, the housing process was far from perfect.

Senior House, in particular, received a disproportionate number of students who had listed it among their bottom three choices. More than half the new residents listed it as their fifth, sixth, or seventh choice.

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## Buckholz Loses '85 Lawsuit

By Don Lacey

Former graduate student Jeffrey W. Buckholz's nine-year-long lawsuit against the Institute and several administration officials ended May 24, when the Middlesex Superior Court ruled for the defense.

The lawsuit charged MIT, the Committee on Discipline, three employees of the Student Affairs Office, and Professor of Nuclear Engineering Elias P. Gyftopoulos ScD '58, then-chairman of COD, with slander, breach of contract, and various other misdeeds, according to Bruce T. MacDonald, Buckholz's attorney.

The lawsuit was originally filed in May 1985, but was repeatedly held up because of procedural delays and an appeal, MacDonald said.

Buckholz was expelled from the Department of Civil Engineering on April 24, 1985, after a fight with Warren W. Sheaffer SM '86, a student in the chemical engineering department.

The dispute between Buckholz and Sheaffer centered mainly on

Buckholz, Page 15

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■ Campus crime has dropped in first half of 1994. Page 15

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# WORLD & NATION

## Congress Under Pressure to Pass Rights Bill for Hill Workers

THE WASHINGTON POST

WASHINGTON

A bipartisan group of lawmakers is cranking up pressure on Senate leaders to schedule a vote on House-passed legislation that would force Congress to live under the worker-protection laws it imposes on other employers.

Expressing concern that the drive to pass the bill might succumb to time pressures and resistance from traditionalists as the 103rd Congress heads toward its final month, the lawmakers warn that death of the measure would heighten public cynicism just as members face voters in the Nov. 8 elections.

The legislation, approved overwhelmingly by the House last month, would put the nearly 40,000 employees of Congress and its support agencies under 10 labor and civil-rights laws, giving them the right to organize unions, file discrimination lawsuits and work in safe and healthy environments.

Congress has at least partially exempted itself from these laws, from the Fair Labor Standards Act of 1938 to the Family and Medical Leave Act of 1993, in part because of concern over politically inspired actions by executive-branch enforcement agencies.

Lieberman and others said they believe they have met these objections in several ways, including putting enforcement in the hands of an independent board.

But there is resistance to the measure in the Senate, and some questions have been raised by the staff of Majority Leader George J. Mitchell, D-Maine, aides to the lawmakers said. A Mitchell aide said, however, the bill is on his list of legislation to be passed before Congress adjourns in mid-October.

## Japan Will Try to Repay U.S. For Stationed Troops Support

LOS ANGELES TIMES

WASHINGTON

In an attempt to head off another point of contention between Washington and Tokyo, Japanese Defense Minister Tokuchiro Tamazawa said Thursday Japan will make its "maximum effort" to pay the United States the additional money it had earlier promised for the support of American troops stationed in Japan.

So far, to the consternation of American military planners, the Japanese Defense Agency has budgeted for only half the approximately \$300 million increase it was scheduled to pay the United States next year as "host-nation support" for American forces. Under an agreement worked out in 1991, Japan was supposed to assume next year the full costs of more than 22,000 Japanese civilians who work on American military bases and the bases' utility bills.

The issue is important because any dispute over the costs of the bases could affect the close security relationship between the United States and Japan. Despite the frequent economic frictions between the two countries and the recent political upheavals in Japan, Washington and Tokyo have managed to avoid any major change in the military alliance that prevailed during the Cold War.

## United Way Chapters Battling To Regain Public Confidence

THE WASHINGTON POST

The indictment of former United Way of America President William Aramony is forcing local chapters across the country to battle once more against a public relations nightmare that they had hoped was finally behind them.

In Washington and other large cities, United Way officials are launching intensive donor appeals to prevent the sharp drop in giving that occurred two years ago when charges first surfaced about Aramony's mismanagement of their parent organization. Officials of most United Way chapters say the timing of the indictment could not be worse, coming just as their annual fund drives are kicking off.

On Tuesday, a federal grand jury in Alexandria, Va., charged Aramony and two top aides with taking hundreds of thousands of dollars from the charity he founded and using the money on gambling trips, European vacations, condominiums and payments to a former girlfriend. The indictment also charges Aramony with lying to United Way of America board members and destroying documents to cover up his deeds.

## WEATHER Patchwork Pattern

By Marek Zebrowski

STAFF METEOROLOGIST

A warm front traversing our area on Friday will bring a brief spell of summer-like weather in its wake. By midday Saturday a cold front associated with a storm in northeast Canada will extend all the way down to the Gulf, causing showers and thunderstorms in the eastern third of the nation. A lot of tropical moisture will be available, especially in the Southeast and it may gather up into a storm in the mid-Atlantic region by Sunday. Present indications for us are that the cold front will move more swiftly in the northern sectors, assuring a return to cool and dry conditions in New England by early next week.

**Today:** Considerable cloudiness with a chance of showers later in the day. High 74°F (23°C), light southeasterly winds shifting to southwest.

**Tonight:** Partly cloudy, mild and more humid. Low 64°F (18°C).

**Saturday:** Sunny to partly cloudy and quite warm. High of 86°F (30°C). Afternoon showers and thunderstorms are likely.

**Sunday Outlook:** Cloudy with some leftover showers possible, clearing later in the afternoon. Low around 60°F (15°C), high in mid 70s (23-25°C).

# Haiti's Rulers Are Defiant Despite Threat of Invasion

By Douglas Farah

THE WASHINGTON POST

PORT-AU-PRINCE, HAITI

Defiant even as U.S. warships steamed toward his island nation, the principal Haitian military ruler, Lt. Gen. Raoul Cedras, said he would rather die than step aside and warned that a U.S. invasion would lead to civil war and widespread bloodshed.

Cedras said in an off-camera interview with CBS television that he still is not interested in U.S. offers to go live in comfortable exile. Instead, he declared, he wants to remain in power to build democracy in Haiti.

Cedras' comments in the interview late Wednesday were relayed to reporters here Thursday and broadcast in the United States and Haiti. While many here have expressed doubt that Cedras will stay and risk arrest by U.S. troops, his defiance — and that of de facto President Emile Jonassaint in a late-night press conference Wednesday — mirrored the attitude Haiti's military rulers have displayed throughout the months-long standoff with the Clinton administration.

The United States, after much hesitation, is poised to use military force to remove Cedras and his army colleagues, who overthrew president Jean-Bertrand Aristide in a bloody coup in September 1991, seven months after Aristide was sworn in as Haiti's first democratically elected president. Since then, they have steadfastly clung to power in the face of threats and economic embargoes imposed by the United States and the United

Nations.

Cedras said he "would rather die" than surrender, and said, "If I die in the next few hours or days, that would be better than leaving my country in dishonor and leaving my children with a dishonorable name."

Cedras said he was "not interested in any buyout. I am not interested in a comfortable life in exile." He warned, as he has in the past, of bloodshed and civil war if there is an invasion, and the widespread loss of American lives.

He made the comments following reports that the United States was still trying to offer Cedras and two other military leaders a deal that would allow them to leave the country safely, keep the fortunes they have amassed while in power and avoid prosecution for human rights abuses committed over the past three years.

The other two officers are Lt. Col. Michel Francois, the Port-au-Prince police chief, and Brig. Gen. Philippe Biamby, the army's chief of staff. The three have been the country's main leaders since the 1991 coup and have been identified by the Clinton administration and the United Nations as the top leaders who must step down.

The defiant talk is exhausting the patience of many of those who backed the coup. Many of the coup supporters now fear an invasion will lead to a radical restructuring of society, and possible retribution by those who suffered at the hands of the army over the past three years. Most are also suffering severe financial strains because of the international embargo placed on the nation.

"Go ahead and invade us, we deserve it," said one businessman who supported the coup, expressing a growing feeling in the business community. "Cedras is just as inflexible as Aristide, and this is all his fault. I swear I would shoot him on sight if I had a gun."

Despite the statements, there was widespread speculation that Cedras and his family were secretly preparing to leave the country, as almost every military strongman in Haiti has done in the past.

While Cedras' future was debated, other rumors swept through the capital, and some were even reported as fact by local radio stations. One normally reliable radio station reported Wednesday that former President Jimmy Carter, along with Senate Minority Leader Robert Dole, R-Kan., had secretly arrived in Haiti to carry out last-minute negotiations with the army.

"I can tell you honestly no one, and I mean no one, knows what Cedras and those guys are thinking," said a reliable military source. "Most of the rumors are pretty funny, but at the same time, any one of them could be true. You just never know."

The city went about its normal business Thursday as best it could despite the looming threat. There were no signs of panic. But the few people with money stocked up on bottled water and canned food.

Wednesday night Jonassaint, who was named president by the army, vowed Haiti would not give up and said the whole world would face a "surprise" in the next few days.

# Wilder's Dropout May Give Boost to Robb Campaign

By Donald P. Baker

and Kent Jenkins Jr.

THE WASHINGTON POST

The re-election campaign of Virginia Sen. Charles S. Robb likely got a substantial boost Thursday when his longtime rival, former governor L. Douglas Wilder, dropped his independent candidacy.

Robb no longer faces the prospect that a fellow Democrat will deeply divide his party, cost him critical black support and allow Republican nominee Oliver L. North to claim a victory on Nov. 8.

"Certainly Robb's status has changed dramatically," said Robert D. Holsworth, a political scientist at Virginia Commonwealth University. "Despite what by all accounts is a lethargic campaign, Robb emerges as one of the more fortunate political figures."

A VCU poll this week showed Wilder with 13 percent support, and nearly half of those respondents named Robb as their second choice, compared with North and independent candidate J. Marshall Coleman. "Most of Wilder's voters will probably come home to Chuck Robb," agreed Mary Washington College political scientist Mark Rozell. In the VCU survey, Robb was 3 points behind North.

The incumbent was clearly elated as he campaigned Thursday. "This makes a very dramatic change in the dynamics of the race," Robb said at a news conference in Alexandria. "It will make it easier for me to pull all the traditional elements of the Democratic coalition behind my campaign."

And while Robb seems sure to benefit, North could be damaged significantly. Strategically, he had

been counting on Wilder's presence to siphon Robb supporters and, by dividing the electorate among four candidates, to decrease the total number of votes North would need to win.

Wilder also had served North's purpose by attacking Robb on the stump and in debates. "Oliver North also won't have Doug Wilder around to do the dirty work in his campaign," Rozell said. "You could say that Ollie North won't have Doug Wilder to kick Chuck Robb around any more."

North, whose greatest challenge from the start has been to broaden his fairly narrow base, now must sharpen his differences with Robb even more, analysts said.

"It brings into play the possibility that North will focus even more on character than North has to date," Holsworth said.

The GOP nominee insisted Thursday that he would profit from the narrowed field.

"This lifts the fog off the battlefield," North said. "It leaves a very clear choice between Chuck Robb's liberal agenda and Oliver North's conservative agenda. I have what the people want."

North long has tried to discount Coleman's impact, and he said Wilder's departure leaves him in a head-to-head battle with Robb. "This is the main event," he said. "This is what I've wanted for months."

Coleman, campaigning in western Virginia, maintained that the day's development presented him with sudden opportunity. "I can get votes from the disaffected, those morally uncertain about North and Robb. About half of the voters still

have not solidly made up their minds. This makes my message a lot simpler," he said.

Officially, Wilder attributed his decision to his poor showing in recent polls and his inability to raise enough money to compete with the major party candidates. "Though I don't attack great significance to polls, they are influential, and the influence on financing capabilities is great," Wilder noted in a six-paragraph statement distributed by his campaign.

For several black political scientists, however, it was Wilder's concern for his place in history — the nation's first elected black governor and a politician who has never lost an election — outweighed his oft-stated contempt for Robb.

"As much as he wanted to hurt Robb, he didn't want to undermine what he had achieved as a political figure, said W. Avon Drake, former head of African American studies at VCU. "He didn't want to go down with a bloody nose, take a whipping."

"Wilder is able to read the political winds," said University of Virginia political scientist Paula McClain. "No one, least of all Doug Wilder, wants a political footnote as a spoiler. He did what was in his own best interest."

Wilder refused to take questions from reporters when he showed up at his headquarters in Richmond about noon. But his statement said, "I am a realist. I know when to hold them and when to fold them. I have seen that the two-party system in Virginia is strong and that the difficulty in financing independent candidacies is real."

# U.S. Troops May Go to Somalia To Protect U.N. Peacekeepers

By Julia Preston  
THE WASHINGTON POST

UNITED NATIONS

The United States may send American combat troops back into Somalia to protect U.N. peacekeeping forces as they withdraw from the increasingly chaotic country, U.S. and U.N. officials said Thursday.

Behind the planning under way at the United Nations for a withdrawal of the 18,900 U.N. troops in Somalia is an anguished recognition that the mission, started in April 1992, has failed to bring peace among feuding clans or re-establish even a rudimentary government.

U.N. officials said they asked for U.S. help because they fear attacks on the departing peacekeepers by Somali militias, and believe millions of dollars' worth of U.N. weapons and equipment could be looted or stolen.

The United Nations has formally asked the United States for military aircraft and vessels to help carry its troops away from Somalia, officials from both sides said. Top U.N. peacekeeping officials also are seeking U.S. provision of a quick-reaction force of combat troops to be stationed off the shore of Somalia, ready to aid U.N. troops if they come under fire.

The United States has reached no decision on the requests, U.S. officials said. U.S. military planners recognize that the United Nations will need assistance to leave Somalia quickly. But the Clinton administration has not forgotten that 18 American servicemen were killed in the streets of Mogadishu in October 1993. That incident forced the administration to abruptly initiate a pullout of U.S. troops from Somalia that was completed in March.

Administration officials are also reluctant to commit U.S. forces to rescue a failing U.N. mission in Somalia when they are relying on the authority of the United Nations, and eventually on the help of U.N. peacekeepers, to carry out the impending invasion of Haiti.

The United States would like to see the Somalia mission closed down by the end of this year, U.S. officials said. The Security Council is scheduled to review the mandate for the mission by Sept. 30.

In a meeting Thursday morning with the five non-aligned nations on the council, U.S. Ambassador Madeleine Albright argued that because Somali leaders have made no progress toward a settlement, the mission is not producing results that justify the huge international commitment, U.S. officials said. The operation costs about \$1 billion a year, of which the United States pays about one-third.

"We just don't see the evidence it's doing any good anymore," a U.S. official said. "The burden of proof is on the United Nations to show why it should continue into next year."

But U.N. officials, who have

also sought assistance in the Somali withdrawal from France, Britain, India and Pakistan, have warned that this will be the most dangerous retreat U.N. peacekeepers have ever undertaken.

"There will be no safe withdrawal," a top U.N. official in the Somalia operation said. "We can't negotiate a peaceful exit with the Somalis because we have no one to talk to. The last 10,000 of our troops will be tremendously endangered."

Repeated efforts by U.S. and U.N. officials over the past year to persuade Somali clan leader Gen. Mohamed Farah Aidid to make peace with 12 other faction leaders have failed. Territorial battles rage in several areas, and attacks on the United Nations have increased.

Because of the risks, the United States Thursday finished closing down its Somali embassy, in the heart of the Aidid-controlled southern neighborhoods of Mogadishu. U.S. Ambassador Daniel Simpson and the last of about 80 U.S. diplomatic employees were expected to leave Mogadishu Thursday.

On Aug. 22 Somali gunmen killed seven Indian peacekeepers and wounded nine in a looting assault on a relief convoy they were escorting. In another attack last month, Aidid's militiamen seized the town of Beledweyne, stole the uniforms, weapons and vehicles of the Zimbabwean U.N. troops there and used the arms to storm and take over a neighboring town.

# Scientists Say that Greenhouse Emissions Pose Serious Threat

By Gary Lee  
THE WASHINGTON POST

WASHINGTON

Emissions of carbon dioxide and other "greenhouse gases" pose a serious threat to the world's climate and should be urgently addressed by governments and industries around the world, a panel of leading scientists warned Thursday.

The conclusion, the centerpiece of a new report by the International Commission on Climate Change, refutes recent scientific reports questioning whether industrial gas emissions are contributing to gradual warming of the Earth's atmosphere.

The IPCC, a United Nations-sponsored group of researchers, is considered a leading authority on the warming issue. "Their conclusions strengthen the view that cli-

mate change is a major problem," said Michael Oppenheimer, a global warming expert at the Environmental Defense Fund.

The IPCC report, released in the Netherlands, found that in order to stabilize concentrations of carbon dioxide in the atmosphere at twice current levels, emissions would have to be cut significantly below 1990 levels. Carbon dioxide accounts for about 60 percent of greenhouse gas emissions.

The report also said that methane — which is released from garbage dumps and gaspipe leaks as well as the digestive processes of cattle and accounts for 20 percent of greenhouse gases — is a more significant cause of warming than previously believed.

Worldwide emissions of carbon

dioxide and methane slowed between 1991 and 1993, but began to rise again in mid-1993, the study said.

In the 1992 Climate Change Convention, signed by 160 countries in Rio de Janeiro (and by the United States later), industrial nations agreed to roll back their emissions to 1990 levels by the year 2000. Few countries are likely to achieve that target, however, many warming experts have warned. Signatories of the treaty are due to meet in March 1995 in Berlin to consider whether further steps should be taken to reduce gas emissions.

"The report emphasizes a general sense that more has to be done to combat global warming," said Alden Meyer, a climate change expert at the Union of Concerned Scientists.

# Coup Attempt by Liberian Rebels Thwarted by African Peacekeepers

By Cindy Shiner  
THE WASHINGTON POST

MONROVIA, LIBERIA

An attempted coup by Liberia's defunct national army was put down Thursday by African peacekeepers who thwarted the putsch with a dramatic assault on the executive mansion that soldiers had seized earlier in the day.

The coup attempt was allegedly led by Charles Julue, a former army officer with a reputation for atrocities who served under military president Samuel Doe, who was killed at the height of the civil war in 1990.

Julue's action reflects a breakdown of order in Liberia as its citizens grow desperate for a firm hand to lead them out of the military stalemate that emerged after efforts to disarm the country's various factions failed in March.

Since 1990, a number of factions have battled for control of this West African nation of 2.3 million people. About 60,000 soldiers have been involved in fighting that has

killed an estimated 150,000 people.

During Thursday's coup attempt, peacekeepers fired on the seaside mansion from a gunboat and rebellious soldiers returned fire. One shell from an undetermined location landed behind offices of the International Committee of the Red Cross, killing at least one person.

The peacekeepers, who have been in Liberia for four years, then stormed the mansion, said Brig. Gen. Abdullahi Mukhtar, chief of staff for the 10,000-strong peacekeeping force. At least three peacekeepers were injured; it was unclear how many casualties the rebel soldiers suffered.

The mansion was the last hold-out in the coup attempt, with at least 100 soldiers holed up inside. Mutinous troops had attempted to seize control of Liberia's radio and telecommunications offices before dawn but were routed by peacekeeping troops.

A peace accord signed in Ghana this week among three Liberian faction leaders did little to raise hopes

here that nearly five years of civil war will soon come to an end. Instead, the accord has thrown the peace process into a tailspin, and many Liberians are accusing the United Nations of undermining the negotiations.

Representatives participating in a national conference set up to debate Liberia's future have sought the replacement of U.N. special representative Trevor Gordon-Somers because he backed the agreement.

The new agreement calls for the replacement within two weeks of the five-member executive council that runs the interim government installed after another peace accord last March. Representatives of three of Liberia's six factions would replace the council until elections are organized.

Opponents of the accord accuse the United Nations of capitulating to the demands of rebel leader Charles Taylor, saying the agreement moves him closer to his goal of becoming Liberia's leader.

# N. Korea Expects Compensation For Overhauling Nuclear Program

THE WASHINGTON POST

BERLIN

North Korea expects "several billion dollars" in compensation fees as well as international financing of a new reactor program in exchange for overhauling its nuclear technology program, a senior North Korean negotiator said Thursday.

The comments followed several days of technical discussions here between U.S. and North Korean delegations over Washington's insistence that Pyongyang abandon its graphite reactors — the plutonium byproducts of which could be used to make nuclear weapons — in favor of safer light-water reactors.

Kim Jong U, leader of the North Korean delegation, said his nation wants "two types of compensation" if it accedes to Washington's demands: funds to buy the foreign-designed light-water reactors and reimbursement "for electric losses and investment" following 30 years of North Korean nuclear research.

Kim estimated the latter compensation figure would come to several billion U.S. dollars. No agreement on costs emerged from the meetings, he told reporters at a news conference, and the issue will be pursued when higher-ranking officials meet in Geneva on Sept. 23.

U.S. delegates refused to take reporters' questions during the discussions, which began Saturday. But according to news reports in Japan, the United States has proposed that an international consortium contribute \$4 billion over the next decade to finance construction of the light-water reactors. Washington has asked Japan and South Korea to pay more than half of the sum to build twin 1 million kilowatt reactors, Kyodo news service reported.

# DOE Slows Ships To Await Appeal Ruling

THE WASHINGTON POST

WASHINGTON

The Energy Department has ordered two freighters crossing the Atlantic with cargoes of used radioactive fuel from nuclear reactors in Europe to slow down while the department appeals a federal judge's ruling barring the ships from entering U.S. waters.

Accepting the spent fuel and putting it into storage at the Energy Department's Savannah River, S.C., plutonium reservation are essential to the Energy Department's efforts to persuade the Europeans to stop using weapons-grade material in research reactors, according to senior Energy Department officials.

If the Europeans are unable to ship the material to the United States, they plan to have it reprocessed in Scotland, a move that would contribute to the world glut of plutonium and represent a setback for U.S. nonproliferation efforts. Energy Secretary Hazel R. O'Leary authorized shipment of the material to the United States after repeated pleas from the State Department and the arms control community.

But the state of South Carolina persuaded U.S. District Judge Matthew Perry earlier this week to bar the shipments, on the grounds that the Energy Department has failed to prepare a full-scale environmental impact statement.

At stake is a U.S. commitment to the operators of research reactors in Scandinavia, Austria, Belgium and other European countries. These reactors for years used highly-enriched uranium, or HEU, as fuel. That is uranium which has been processed to increase its content of the critical isotope U-235 from the level of less than 1 percent found in natural uranium to about 90 percent.

# Black-White Income Gap Widens over Two Decades

THE WASHINGTON POST

WASHINGTON

The income gap between black and white families in America has grown over the past two decades, the Census Bureau reports.

In a statistical report prepared for Congress, the agency said this week that median income among black families was 54 percent of the median income for white families in 1992, compared with 61 percent in 1969.

The widening of the gap was due largely to the increase in black female-headed families, where poverty rates are high.

However, black married couples earned 80 percent as much as white married couples in 1992, up from 72 percent in 1969.

The report, "Black Children in America — 1993," found that the proportion of black children living with two parents dropped from 59 percent in 1970 to 36 percent in 1993.

Black children were almost three times more likely than non-Hispanic white children to have a parent absent, and nine times more likely to live with a parent who had never been married, the report said.

# Invisible Barrier Seems To Stymie Killer Bees

LOS ANGELES TIMES

RIVERSIDE, CALIF.

So where are the killer bees?

The much-hyped and seemingly inexorable migration of *Apis mellifera scutellatus* appears to have screeched to a halt at the California-Arizona border.

The Africanized honeybees — which have camped out for months in Yuma, Ariz. — were expected to swarm into Southern California during the past spring or summer. But the Colorado River has turned into something of a Rubicon that the hot-headed insects can't seem to cross.

Experts hypothesize several reasons for their aborted progress: Because of a dry spring, the desert was inhospitable for passage, lacking the water, food and shelter to accommodate the crossing. Or perhaps the bees have run into one of their few natural predators, a mite that infests the honeycombs and consumes the larvae.

But most intriguing, some experts surmise that these tropical bees are genetically ill-equipped for more temperate climates and finally could be reaching the northward limits of an airborne journey that has stoked fear and titillation among Californians and Hollywood filmmakers.

# OPINION



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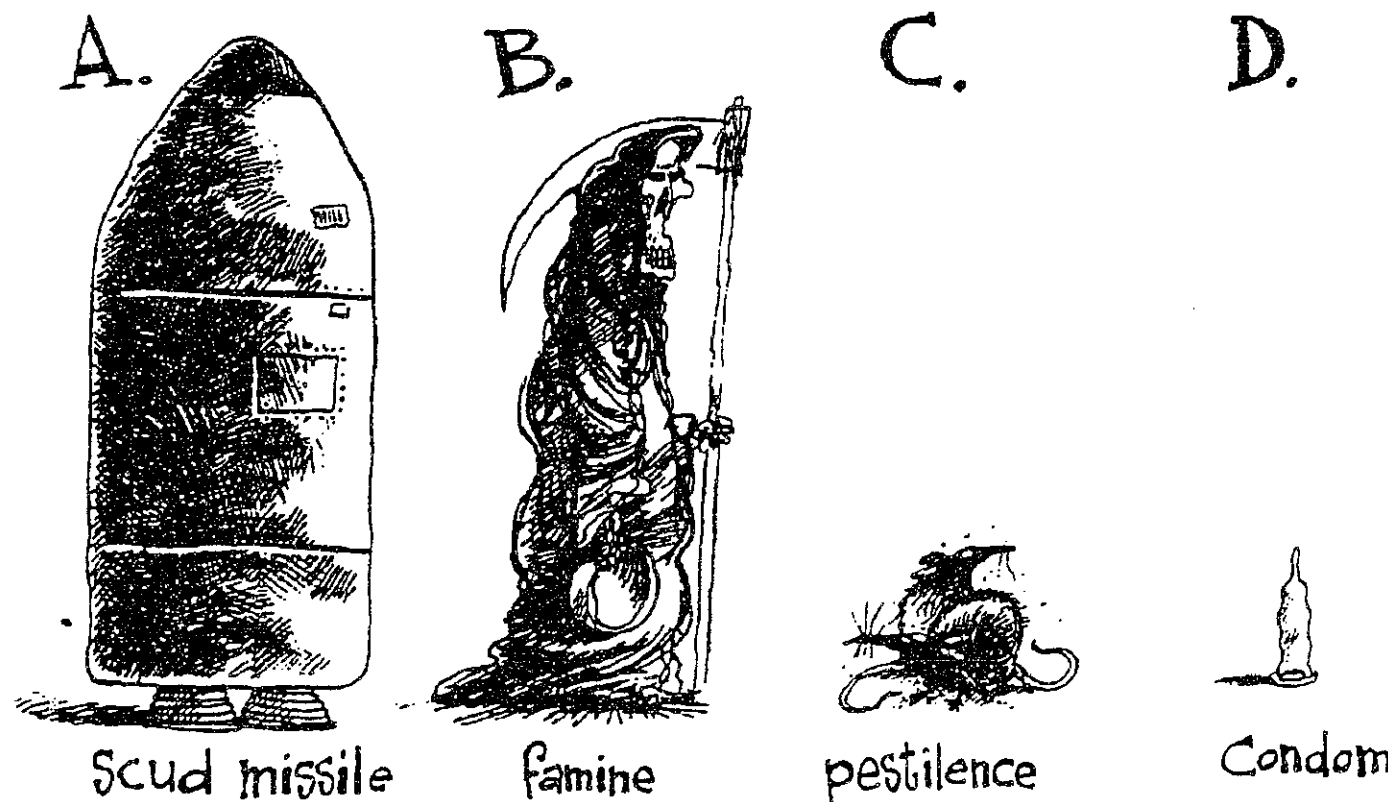
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Which popular birth control device drew the most opposition from Religious Conservatives at the U.N. Population Conference?



Cartoon: Spinfield News - Sun/Copy News Service

## Letters To The Editor

### Mandatory Williams Talk Constitutes Political 'Tyranny'

It is good to know that Big Brother is watching over the incoming freshmen at MIT, as evidenced by the recent mandatory talk given for new students by "black lesbian mom comic" Karen Williams ["Williams Addresses Tolerance, Relations," Sept. 2]. Why is it that the political left feels compelled to force their own "politically correct" agenda upon others? And by what moral right or authority are they allowed to make such a potentially controversial presentation as Ms. Williams' mandatory for all new students? One wonders what becomes of the much intoned liberal buzzword "tolerance" in situations such as this, in which attendance is described as mandatory even for those students who may disagree strongly with some of Ms. Williams' viewpoints or who may find some of her strong language and coarser material personally offensive.

As a conservative, I respect the right of Ms. Williams and her sponsors to make their views known, and I also respect their right not to have to come hear me if I or someone of my philosophical bent chooses to do the same,

but apparently what is good for the goose is not good for the gander. For example, what do you think would have been the reaction of Ms. Williams and her sponsors had incoming freshmen been required, fittingly enough during rush week, to listen to an hour of Rush Limbaugh? I can hear the cries of "political tyranny" and "mind control" now.

The real villains here, however, are not Ms. Williams and her sponsors, but those administrators who allow themselves to be taken hostage politically by whatever special interest group happens to come along with its list of demands. Upon pain of defamation of character and political blackmail (for example, being labeled "homophobe" or "bigot"), such administrators cave in to the pressures which are placed upon them and capitulate to the demands of the few. For sadly in today's world, you don't have to actually hate or fear homosexuals or people of other races to be labeled a homophobe or bigot, you need only disagree with them on a political or social issue; that is enough to get you branded with such a title.

Those administrators, however, who do allow themselves to become the tools of one particular special interest group, thereby subjecting the many to the tyranny of the few, abdicate their responsibility to their students and betray their charge as guardians of the

search for truth. For a university is not supposed to be a place in which we all necessarily come to agree on all issues, but a place in which we learn to think for ourselves, in which we learn to interact civilly with people of differing opinions, and in which we learn to disagree peaceably when and if that becomes necessary. Sadly, it appears that MIT, like most colleges and universities today, has forgotten that.

Alex J. McDonough  
Cambridge

### ERRATA

There was a reporting error in the translation of the Hebrew phrase "Shanah tovah" ["First Couple Attends MIT Rabbi's Service," Sept. 13]. The phrase literally translates to "Good year," and the greeting "Shanah tovah" means "[Have a] good year."

In addition, the sub-headline of the article about the Harvard Cooperative Society ["Coop Rebate Not Likely This Year," Sept. 13] may have been misleading. The regular patronage rebate has not been permanently replaced or abolished.

## U.S. Must Not Repeat Past Errors in Haiti

Column by Anders Hove  
OPINION EDITOR

Today the United States stands poised to send military forces to overthrow the brutal junta currently ruling Haiti. The Defense Department has stripped two U.S. aircraft carriers of their aircraft, cramming them full of invasion forces. The bulk of the landing force is already at sea, stationed just off the coast of Hispaniola. Last weekend American aircraft dropped three million leaflets over Haiti declaring that exiled President Jean-Bertrand Aristide will soon return to power. The Clinton administration has described its military plans in great detail, and President Bill Clin-

ton himself has delivered a televised address to the nation outlining the rationale for the invasion. The actual intervention is expected next week, perhaps after a vote in Congress.

As for the invasion itself, military commentators expect it to be a pushover. Haiti's air force has at most two operating aircraft, and its navy possesses only one boat with a working motor. The army consists of 7,000 men trained only for terrorizing the population. Last week, when a freighter appeared off the coast of southern Haiti, soldiers in the area stripped off their uniforms, threw down their weapons and ran for their lives. Not surprisingly, the U.S. military expects little initial

resistance.

As for the home front, the American public currently opposes invasion, but that could change. What should concern the Clinton administration more is that Americans may promptly forget the invasion ever occurred, and few policy makers will then concern themselves with cleaning up the problems that led to the intervention. If that happens, the result will be no better than the outcome of the last U.S. experience in Haiti.

On July 28, 1915, Rear Admiral William B. Caperton received a telegram from the Act-

Hove, Page 5

### Opinion Policy

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# No More Excuses: The Coop Should Restructure Now

Column by Raajnish A. Chitaley  
COLUMNIST

I have always looked forward to the Harvard Cooperative Society's rebate. I think of the Coop rebate as a little unexpected present, sort of like finding a washed dollar bill in your back pocket. With the outrageous prices that we pay for textbooks, tuition, and everything else, the rebate was always a sign that we were not being altogether abused. Other than the rebate, the Coop has always just sort of existed — just another over-priced department store to wander through.

**I think of the Coop rebate as a little unexpected present.**

I'm not particularly sure about the Coop's history, but I guess that serving student needs when department stores were few and far between had something to do with it. But does the department store model work today? Its original mission notwithstanding, the Coop has for the most part ceased to serve students. It's time for MIT and Harvard to re-examine the Coop's role on campus.

The latest news about the Coop rebate, or lack thereof, lends credence to the view that MIT and Harvard should scrap the existing Coop. In previous years the Coop served its membership by producing rebates in the double digits. By my freshman year, the rebate just covered Massachusetts sales tax.

When questioned about declining rebates, the classic Coop response has ranged from, "It was a tough year," to, "We're trying real hard." In short, lots of charts, graphs, and equivocation. Fortunately the management of the Coop has created a new textbook rebate to assuage the masses; for the vast majority of students, this rebate will be equivalent to or better than the usual rebate. But to measure our satisfaction by the rebate alone is narrow-minded.

Independent of the rebate question, what sort of service is the Coop providing to the academic community or its members? Consider books. The Coop does remain one of the finest booksellers in the area, but Waterstone's (Exeter and Newbury Streets) and Quantum Books (Kendall Square) are formidable competitors for technical and science books, with distance no longer an advantage. The same is true for music; with Tower Records and HMV, two fabulous music stores, the once noteworthy Coop music department is no longer the best.

And with so many major department stores (including an entire mall complete with Gap) so nearby, the Coop can only marginally compete as a department store. As for things like office supplies, Staples and even University Stationary are hard to beat. That only leaves posters and insignia wear as areas where the Coop can be competitive. (In Harvard Square, insignia sells well and the poster shop is along the street.)

The textbook business deserves more attention because it is indicative of how the Coop operates. Coordinating the bi-annual purchasing and distribution of text books is certainly the Coop's most critical function. Yet the floor space devoted to textbooks is in the most difficult area to reach: a basement corner. And the size of the floor space is woefully inadequate for the number of books and traffic volume.

The Coop does not do much of a coordination job either. Shouldn't the Coop, instead of students, be responsible for nagging faculty and departments, to turn in book orders on time? It seems like an efficient function that could serve both students and faculty well. I wonder whether the Coop thinks about business from this perspective?

So what should we do with the Coop? First

things first, I think the Coop should use its valuable real estate to its advantage. I'm not sure whether the Coop owns or leases their space, but I do not see a need for a Coop in Kendall Square. In fact, before the renovation of the Student Center in the late 1980's, the entire MIT Coop was located on campus. If they own the Kendall Square location, they should rent it to someone else, and use the income to subsidize textbooks. In addition to possible financial advantages, everyone (except us poor economics majors in E52) could do without the long march for text books.

More important than real estate is merchandise. The Coop should abandon the department store concept for something more focused on academic needs. In my mind, this translates into specialty books and textbooks, and supplies. And when I say supplies, the Coop will have to sell them in Staples-like quantities and prices. I guess the specifics can be argued about, but the spirit is the same: Abandon the department store concept.

Exclusive of business issues, major governance questions need to be resolved. At this time the Coop is governed by the stockholders. They are really just trustees who only meet a few times a year for governance functions. The management decisions are made by the Board of Directors, half of whom are students (graduate and undergraduate) from MIT and Harvard.

Did you know that we have student members on the Board of Directors? I don't know their names, but we have at least three undergraduates and graduate students. The student directors, elected annually, are there to make our voice heard in important management decisions. But the reality of retail manage-

ment often leaves the Directors with few options, particularly without the same profit motive that commercial retail enterprises enjoy.

Many might believe that aggressive student action or more democratic (i.e. non-corporate) governance will fix the Coop. I do not agree. I think aggressive student interest is absolutely necessary, but I think our actions must be thoughtful and grounded in a solid analysis of the Coop's business. MIT Senior Vice President William R. Dickson '56 recounts a Coop annual meeting during the 1960's, when students had too much free time, where the students impeded business by refusing to even approve the minutes of the last meeting. (As an avid user of Robert's Rules of Order, I find this amusing.)

Apart from noting that the Coop once had annual meetings, this anecdote suggests that the Coop needs to run like a business, without the "student revolution" attitude and whining.

**The Coop should abandon the department store concept for something more focused on academic needs.**

After all, students are just one constituency, albeit a significant one, of the Coop's membership. The governance needs to change to empower the various constituencies that the Coop serves.

In the final analysis, the Coop must be streamlined and re-focused on the academic community. Since I have yet to take a single subject in retail business management, I hesitate to be too specific. But the spirit is clear: The Coop needs to re-embrace the academic community and fundamental services at its core. Only then will the Coop's management be able to muster the necessary forces to move the Coop forward. The news of the non-existent rebate is only one indication that we need to bring the Coop into the nineties.

## U.S. Should Learn from Its Previous Occupation of Haiti

Hove, from Page 4

ing Secretary of the Navy informing him in one paragraph that "State Department desires that American forces be landed Port au Prince. . . . Department has ordered U.S.S. Jason with marines Guantanamo, Cuba, proceed immediately Port au Prince. If more forces absolutely necessary wire immediately."

So began the United States' first military escapade in Haiti. Caperton followed his orders to occupy Port-au-Prince, and soon expanded the U.S. occupation throughout the entire country. For the next 20 years, U.S. Marines held Haiti in an attempt to pacify the countryside, protect foreign business interests, and, hopefully, make the tiny nation "safe for democracy."

Sixty years since the end of the occupation, nobody is suggesting repeating that particular episode of American history. But, assuming the United States does go forward with its invasion plans, another occupation will take place. Clinton's planners apparently hope for better success this time around.

There is no doubt that, so far, Clinton's planners have done a far better job preparing for the trials of occupation than did Wilson's. In 1915, the State Department considered that Haiti would immediately accept the rule of a U.S.-picked president, and that no Haitian would doubt the good intentions of even a long American military presence in the country. In 1994, the State Department wants only to re-install a previously elected president whose ouster three years ago by the current junta could never be viewed as legitimate. This time around, the Clinton administration has planned for a U.S. occupation lasting only a few months, to be followed by a somewhat longer stay by a U.S.-dominated and U.S.-led United Nations command. According to these plans, even the international forces would only stay for two years — as opposed to the 20 year occupation earlier this century.

An even greater contrast can be drawn between the problems that led to American intervention in 1915 and the concerns that have brought the Clinton administration to the brink of invasion. In 1915, the State Department primarily concerned itself with protecting the lives of U.S. nationals and the business interests of U.S. corporations operating in Haiti. Specifically, State wanted to keep civil unrest in Haiti from damaging the property of an American railroad. The U.S. also wanted to prevent any Haitian government from defaulting on Haiti's debt. As a secondary objective, U.S. planners hoped to protect the Monroe Doctrine by preventing Haitian naval concessions to European powers.

In contrast to the economic and power-politics aspirations of their predecessors, today's interventionists have an almost entirely

humanitarian agenda. They despise the nightly slaughter of defenseless Haitian slum-dwellers. Infants and small children have been a particularly prized target for the so-called "attachés" — rogue youths affiliated with the ruling military. While the vast bulk of Haitians worry about how to survive the daily menu of murder and absolute poverty, Haiti's tiny middle class, which has supported the ruling junta, lives on in a relatively idyllic prosperity. Worse still, U.S. sanctions aimed at bringing down the junta seem to hurt only the poor.

Most of those who have argued about whether to invade have ignored more important questions: If we invaded, what would we do in Haiti? Would we repeat the mistakes made by the Marines 60 years ago? Or would we help rectify them? If we cannot do any better than we did during our first 20 years of occupation, then it seems obvious that intervention in Haiti will serve no other purpose than to give Haitians another temporary reprieve from the killing fields. In order to avoid this, we must first examine the lessons of the first invasion.

When the Marines arrived on the beaches in 1915, they found a nation wracked by constant internecine violence. No political leader could keep his hands on the reigns of government for longer than a few years; the success of one revolt would herald nothing more than the beginning of another. The Haitian people

lived in absolute squalor. Their existence was punctuated by violence — class-based violence, and racial violence. Sound familiar?

The Marines confronted this situation by propping up a line of highly unpopular leaders, and then crushing all resistance to the American-sponsored government. Presidents Coolidge and Hoover did sponsor several public works projects in order to ameliorate the economic plight of the Haitian people, but they proved too small to have much impact. Of all the actions taken by the occupation forces, perhaps the most important involved centralizing political and economic power in Port-au-Prince. Having rushed to the city to fill newly created jobs, many Haitians discovered not economic opportunity, but political repression. As its last act before pull-out, the U.S. created the "Garde d'Haiti". Designed to prevent anarchy, the Garde and its successors served as an organ of repression for a long line of Haitian despots. The military that propped up the Duvaliers and that now supports General Cedras is descended from the force created by the United States.

There are two lessons to be learned here. The first is the most obvious: Anyone who says the U.S. has no responsibility for the current problems in Haiti is dead wrong. While the U.S. did not find a peaceful, stable, or prosperous country when it invaded in 1915, when we pulled out we left a centralized

national structure bent on political repression — the same structure that President Bill Clinton wants to destroy today.

The second lesson Americans must learn is to pay more attention to U.S.-created problems. Our government has a long history of "nation-building." Sometimes our efforts have seen success, such as in Japan and Europe after the Second World War and in Korea after 1953. More often, as in Lebanon, Panama and Somalia, not to mention Haiti in 1915, the United States makes a mess of the bad situation it finds.

The remedy for this failure is not to ignore the problems we have created, but rather the opposite. Our history has proven that, with adequate care and attention, we can help the cause of stable and prosperous democracies. It is sometimes necessary to send U.S. troops to nations where we have messed up, but the determining factor in our success or failure is not whether or not we send troops. What makes for our success where we have been successful is a combination of sustained political and economic support for the people left in the wake of our landing craft. If we are going to send troops, we had better be prepared to give the Haitian people enough money and political organization in order to make their democracy viable. History will soon tell whether the American people and their leaders are capable of bearing that burden.



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# THE ARTS

## Stones reclaim lost youth on *Voodoo Lounge* album

### VOODOO LOUNGE

The Rolling Stones.  
Virgin Records.  
Concert at Foxboro Stadium  
Sept. 5, 7:30 p.m.

By Scott Deskin  
ASSOCIATE ARTS EDITOR

Hard as it may seem, the Rolling Stones have been around for more than three decades. They are rock music's quintessential survivors, outlasting their Brit-rock compatriots in the Beatles and the Who, and riding out every conceivable movement in popular music over the past two decades so that they don't have to prove themselves anymore. In fact, the Stones have not done that much to advance their collective reputation in recent years: Most of their efforts in the 1980s — *Undercover*, *Dirty Work*, *Steel Wheels* — run the gamut from repulsive attempts at political consciousness to a slick and somewhat lazy studio professionalism.

With *Voodoo Lounge*, the Stones' latest release, the band members (*sans* recently-departed bassist Bill Wyman) reclaim some of their lost youth, eschewing the trademark freshness and aggression that identifies some of their most vibrant albums of the late '60s and early '70s. The band sounds solid, and sometimes great, for most of the album. The songs, however, are the real revelation, with lyrics that somehow blend the gratuitous and

blatant sexuality that is a hallmark of the Stones' tradition with the maturity and wisdom of middle age.

For my money, at least, the formulaic songs that kick off the album (especially "Sparks Will Fly," a shameless rip-off of songs like "Start Me Up") are redeemed by a treasure trove of heartfelt and unposed songwriting: "New Faces" and "Out of Tears" boast an acerbic style of balladry, complete with harpsichord and organ; "Blinded by Rainbows" is a poignant evocation of the fighting in Ireland, a better anti-war song than "Highwire" from *Steel Wheels* (1989); "The Worst" and "Thru and Thru" give the spotlight on vocals to guitarist Keith Richards, who once again proves that he *can* really sing.

The *Voodoo Lounge* tour, which passed through Foxboro Stadium on a chilly Labor Day weekend, showed that this revival in the band's instincts was no fluke. They began their set with "Not Fade Away," a drum-heavy shuffle from the band's early career. I had heard that the band looked a bit stiff opening with this number at their first performance at JFK Stadium in Washington, D.C., but this proved to be a fine warm-up to the

rest of the show. As this was not a conventional "greatest hits" tour, the concert plunged deep into the Jagger-Richards songbook. Thus, gems from albums like *Let it Bleed* (1969), *Exile on Main Street* (1972), and *Some Girls* (1978) sounded fresh and vital.

In fact, the four songs from *Exile* — which remains an album revered by music critics and true Stones loyalists, but is seemingly unknown to the rest of the world — breathed life into the concert amidst some of the less successful new material. "Tumbling Dice," "All Down the Line," and Keith Richards' "Happy" were all emotional wringers.

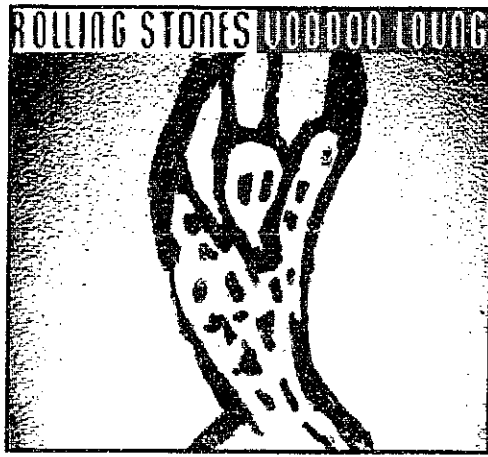
The show itself was technically superb. The stage had an intertwining grid backdrop of hundreds of lights that pulsed in time to the music, and a rather phallic 300-foot-high, steel, fire-breathing snake hovered over the performers. Giant inflatable people (one of whom looked like Elvis Presley) appeared suddenly late in the show. Large video monitors intermittently showed animation, stock footage, and computer-altered live images from the stage for everyone to see. The somewhat raunchy, burlesque montage of images

that accompanied "Honky Tonk Women" was funny and well-deserved of the Stones' reputation.

But it was the performers who inevitably carried the show. Mick Jagger, now 51, still remains a highly physical performer. If his voice sometimes slurred song lyrics (like in the urban stream-of-consciousness diatribe of "Shattered" from *Some Girls*), it was forgivable. The rest of the band played exceptionally well, with finely meshed guitar riffs from Richards, Ron Wood, and new bassist Darryl Jones fitting in well with Charlie Watts' strong, reliable drumming.

I don't know if the Rolling Stones will perform again for quite a while — the musicians certainly don't need the money. But I was impressed that they gave a strong showing in this concert tour, as if just to prove that they're not content with merely "surviving." For me, the concert was as close to fulfillment of a rock and roll dream as I could hope, and three segments still seem vivid to me: First, the delicacy of the song "Memory Motel," on which Jagger played keyboards; second, the emergence of Mick from the floor of the stage for "Love is Strong," dressed as a psychedelic Mad Hatter; and last, the grand finale, which culminated with "Street Fighting Man," "Brown Sugar," and "Jumping Jack Flash."

Jagger said halfway during the performance, "It's cold out here. Let's see if we can warm it up a bit." With hot music and spirited execution, the band fulfilled his wish.



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for juniors interested in the

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and

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Friday, September 23

at 4:00 p.m. in #51-329



All undergraduates are invited

**WHO WE ARE:**

We are The Decision Support Experts, providing both client/server decision support tools and consulting services for the development of mission-critical, enterprise-wide decision support systems (DSS) for Fortune 500 clients. Our clients span the Chemical, Computer, Finance, Retail, Medical and Utilities industries, and have included General Electric, Xerox, Merck, Dayton-Hudson, Mervyn's, McDonalds, Siemens, Nissan and The Pentagon among many others.

We are focused on developing the best decision support systems and tools. Our vision is to break down all barriers between critical business information and people, creating systems which will provide every desktop with crystal ball access to all parts of their work environment.

In addition to our consulting engagements, which are directed

- Marketing Specialists should demonstrate creativity, and must possess excellent oral and written communication skills, organizational skills, and insight into the computer software industry. Relevant experience in public relations or computer science is helpful. Job responsibilities will include development of company collateral, public relations in company presentations and trade shows, telemarketing, and direct mail. Some travel will be required.
- Technical Writers should be skilled communicators, possessing excellent writing abilities combined with strong technical backgrounds. Job responsibilities will include writing technical briefs on competitive product offerings, product documentation, as well as white papers for publication in industry conferences. In addition, this position will require developing product demos and tutorials. Some travel will be required.

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Founded in 1989 by 3 MIT graduates, we have more than doubled in size every year. We now have offices in San Francisco, Washington DC, Wilmington, and Barcelona. We will be opening an office in London later this year.

**WE NEED PEOPLE:**

Our exponential growth has created a continual need for new hires, in all key functions of our business. This includes Consultants, Software Engineers, Marketing Specialists and Technical Writers. We are looking for people who desire to work in a challenging and productive environment, are interested in personally growing with our company, and can both contribute to and benefit from MicroStrategy's continued growth.

Our continued success depends on the quality of our new employees.

**WHO WE'RE LOOKING FOR:**

- Consultants should be technically adept, have a fundamental interest in working with computers, have strong analytical reasoning ability, and possess excellent oral and written communication skills. Job responsibilities of Consultants include the development of Decision Support Systems, preparation of presentation materials and proposals for clients, and interaction with client business team members on a daily basis. Travel will be required.
- Software Engineers should have strong technical and analytical skills. Knowledge of object-oriented programming, C++, spreadsheet paradigms, SQL, RDBMS, Windows 3.1, and Visual Basic is preferable. Job responsibilities of Software Engineers include the analysis, design, and implementation of core DSS tools, tool set customization to client needs, and the development of application prototypes using core DSS tools.

should have a strong technical background.

**OUR RECRUITING SCHEDULE:**

As mentioned, we are in great need of new hires - we will hire every top candidate we meet. Therefore, we will be recruiting throughout both the Fall and Spring semesters. Our Fall events include:

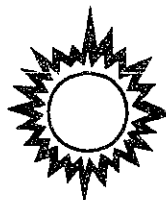
- Friday, October 14, 1994: Class of 1995 Career Fair. Please stop by our booth any time between the hours of 10 am - 4 pm and get to know us.
- Friday, October 14, 1994: Our President and CEO, Michael J. Saylor, will be giving a presentation at the Faculty Club (6th floor, Sloan School, 50 Memorial Drive) at 6 pm, followed by a reception where you can meet many of our recent MIT hires. *Please come hungry and thirsty, for we will have food and drink!*
- Saturday, October 15, 1994: 1st round interviews. These will be held at the Kendall Marriot Hotel. Some invitations to interview will be made in advance and some will be made the evening of the 14th.

We strongly encourage you to send us a cover letter and resume in advance. Please send these to:

MIT Recruiting Coordinator  
MicroStrategy, Inc.  
8000 Towers Crescent Drive, Suite 1045  
Vienna, Va 22182  
Fax: (703) 761-4820  
E-mail: mit-recruiting@strategy.com

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# ON THE SCREEN

— BY THE TECH ARTS STAFF —

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

★★★★ **The Lion King**

Disney's newest animated feature is amazing. The story — a lion cub runs away, fearing that he is responsible for his father's death — is simple enough for children to understand, yet still entertaining for adults. The animation is first-rate, including both computer and traditional hand-drawn graphics mixed to perfection. And, in the tradition of *Aladdin*, *Beauty & the Beast*, and *The Little Mermaid*, the music is superb. Finally, the characters of *The Lion King* are some of the most memorable of all the recent Disney creatures. All-in-all this is one of the best Disney films. *Loews Fresh Pond.*

★★½ **The Mask**

In the tradition of other summertime comic-book based films, this one casts the rubber-faced Jim Carrey as Stanley Ipkiss, a "nice guy" who lets other people walk all over him; but, the character is transformed when he finds an ancient Norse mask that grant him powers of invincibility and exaggerated goofiness. One shouldn't expect too much plot or characterization from this genre, and at least the story moves with some witty, cartoon-like special effects and the romantic and criminal adversaries (Cameron Diaz and Peter Greene) give the film some levity. But under the gloss, *The Mask* is pretty conventional, and dull, summer fare: save for some of Carrey's refreshingly "normal" side, if you've seen the previews, you've pretty much seen it all.

— Evelyn Kao, *Loews Charles.*

★★★ **Natural Born Killers**

Oliver Stone's latest film focuses on a marauding couple (Woody Harrelson and Juliette Lewis) whose sensational mass-killing spree catapults them into the national spotlight. Their lives are consequently exploited by a TV tabloid journalist (Robert Downey Jr.), a sadistic cop (Tom Sizemore), and a somewhat dimwitted prison warden (Tommy Lee Jones). All elements of justice and the media machine are represented as cartoonish caricatures, which degenerate as the film goes on: The main problem is the director's some-

what hypocritical attitude that fails to recognize that he is part of that same machine. The main attractions in the film are the hyperkinetic performances of the cast members, the excessive violence, and the bizarre, rapid-fire editing of picture and sound — all of which Stone executes brilliantly. By the end of the film, audiences will either revel in its visual audacity or deplore its apparent lack of message. — Scott Deskin, *Loews Cheri.*

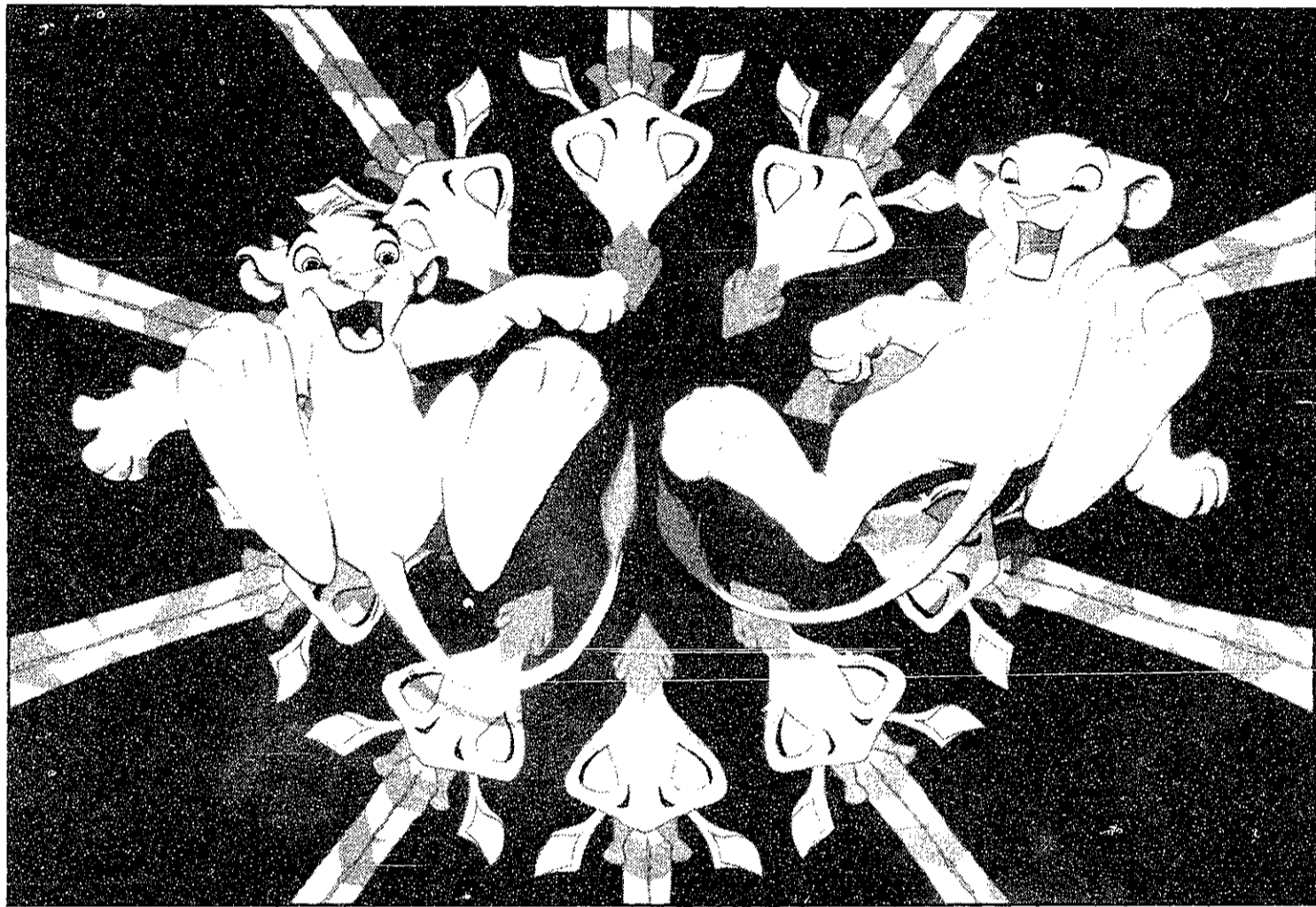
★★★ **The Paper**

This day-in-the-life look at a New York newspaper markets itself as a comedy, but credibly mixes elements of drama, mystery,

and even romance. It captures the occasional hysteria of the newsroom, and from first sight of *The Sun's* office, the whole movie rushes forward as if in fear of the ever-present deadline. When Michael Keaton, as the manic metro editor, faces off against managing editor Glenn Close in yet another mega-bitch role, sparks and stinging one-liners fly faster than newsy rumors. Under the masterful direction of Ron Howard, the star-studded cast shows us how to laugh and learn about life, just in time to get the news out. *LSC Saturday.*

★★★★ **2001: A Space Odyssey**

Director Stanley Kubrick's mind-bending science-fiction spectacle stands as one of the defining moments of the late 1960s and of the sci-fi genre itself. Beginning with the physical savagery of proto-humans and climaxing with the cool, intellectual savagery of mankind and computers, the film is rich with social commentary and religious symbolism. The special effects are still amazing, a full 26 years after the film's original release: Kubrick's obsessive attention to detail with the set design and photography laid the groundwork for a new aesthetic in American cinema. The acting has very little depth or expression, especially when compared with Kubrick's comic satire *Dr. Strangelove* or his exercise in ultraviolence, *A Clockwork Orange*. But this film bypasses human primitivism almost entirely in order for mankind to achieve spiritual deliverance from self-serving, dehumanizing technology. Based on Arthur C. Clarke's short story *The Sentinel*, *2001* remains Kubrick's defining masterpiece. — SD, *Brattle Theatre, Sunday.*



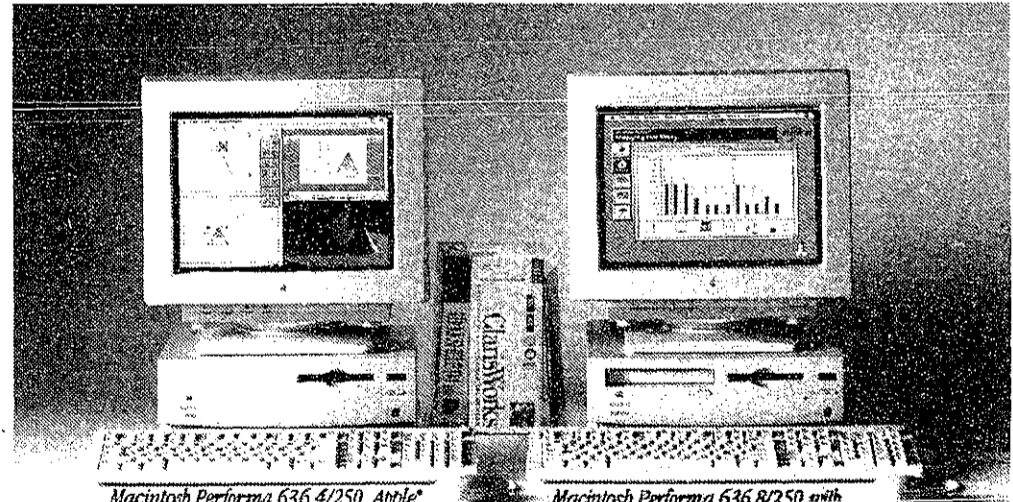
Simba and his pal Nala frolic in the wild in *The Lion King*.

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## Classical Music

### Longy School of Music: SeptemberFest '94

All performances are held at the Edward Pickman Concert Hall, 27 Garden St., Cambridge. Free admission. Information: 876-0956.

### Broadway Meets Pop

Sept. 16, 8 p.m. Cabaret vocalist Belle Linda Halpern sings The Love Songs of Rodgers and Sondheim; and jazz and cabaret vocalist Lisa Thorson sings The Great American Songbook, Broadway, blues, bebop, and beyond.

### The Annual Nadia Boulanger Birthday Concert

Sept. 17, 8 p.m. Presented by the Longy Artists Ensemble. The birthday of Longy's most famous former faculty member and one of this century's most renowned musicians is celebrated with the music of her students, Walter Piston and Longy alumnus Daniel Pinkham, along with her countryman Claude Debussy. Concert is preceded by a lecture, "The Music and Teaching of Walter Piston," presented by Mark DeVoto, professor of music at Tufts University.

### Three Centuries of Music—1794, 1894, 1994

Sept. 18, 8 p.m. Presented by the Longy Artists Ensemble. Two Beethoven trios from the year 1794, a Brahms clarinet sonata from 100 years later, and the world premiere of a song cycle composed in 1994 by Douglas B. Johnson.

### International Festival of Orthodox Liturgical Music

St. Columbkille Church, 321 Market St., Brighton. Sept. 16-18, 8 p.m. Admission: Each concert, \$10. Information: 782-5774. This three-day festival, the first ever to be held in the Western Hemisphere, commemorates the 200-year anniversary of Orthodox Christianity in North America. Opening night schedule: Holy Trinity Chorale (Boston), Russian Chamber Chorus (Boston), The Orthodox Singers (Moscow).

### Emerson Majestic Theatre Open House

219 Tremont St., Boston. Sept. 17, 10 a.m.-4 p.m. Free admission. Information: 578-8727. This Open House is open to the public, with representatives from each of Boston's leading resident arts organizations on hand to inaugurate their seasons. The theater itself is open for general tours.

### Emmanuel Music

Emmanuel Church, 15 Newbury St., Boston. Sept. 18, 10 a.m. Voluntary offering requested. Information: 536-3356. The chorus and orchestra of Emmanuel Music, under the direction of conductor Craig Smith, present a Bach Cantata as part of the morning service of worship at Emmanuel Church. Scheduled: Bach Cantata #78.

### Museum of Fine Arts

Remis Auditorium, 465 Huntington Ave., Boston. Sept. 18, 3 p.m. Admission: \$6. Information: 267-9300. "Metropolitan Opera National Council New England Auditions Winners Recital." Sheryl Cohen, a 1994 New England and National Winner, will present a solo recital of operatic arias and songs.

## Jazz

### Tufts University Music

Tufts University, Cohen Auditorium, Medford. Sept. 22, 8 p.m. Free admission. Information: 627-3564. "Tufts Jazz Big Band," a musical program directed by Allan Chase.

### Scullers Jazz Club

Guest Quarters Suite Hotel, Boston. Sept. 22, 8 & 10 p.m. Admission: \$10. Information: 562-4111. Jazz guitarist/composer Garrison Fewell brings his quartet to Boston, where he is joined by bassist Cecil McBee, pianist Laszlo Gardony, and drummer Kenny Wollesen. Fewell's debut CD, *A Blue Deeper than Blue*, garnered the Boston Music Awards' "Outstanding Jazz Album of 1993" along with other honors.

## Popular Music

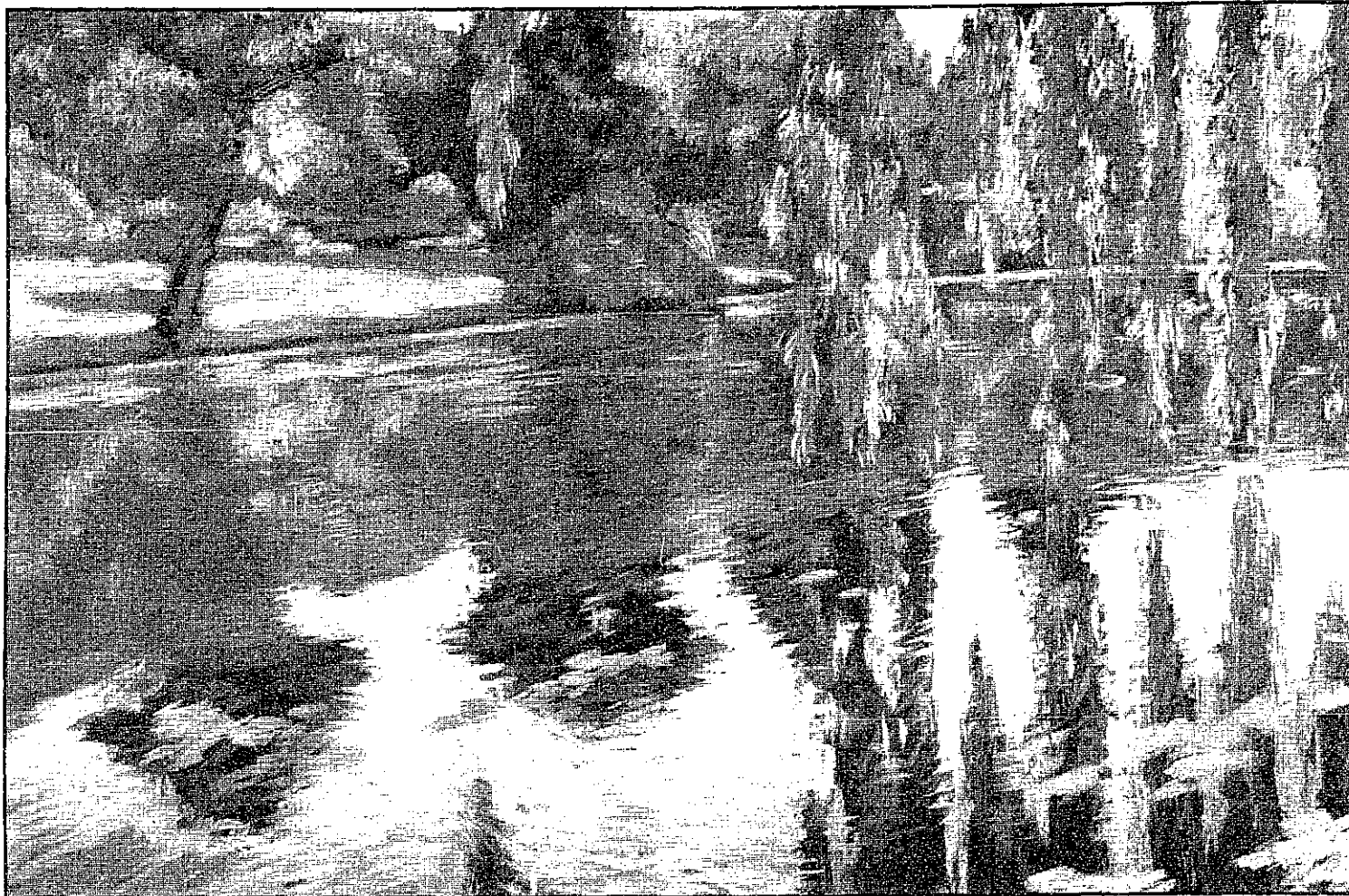
### September Music at the Mall

The Mall at Chestnut Hill, Route 9 at Hammond Pond Parkway, Chestnut Hill. Afternoon perfor-

# On The Town

A weekly guide to the arts in Boston  
September 16 - 22  
Compiled by Scott Deskin

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.



"Under the Willow" is one of several pastel landscapes by Thomas J. Curry being featured at the Bromfield Gallery through October 1.

mances. Information: 965-3037. Sept. 17: "River Boat Stompers," highlighting the music of New Orleans. Sept. 18: "Savoy Swing," a tribute to the sounds of the '40s.

### The Middle East

472/480 Massachusetts Ave., Cambridge. Some shows have age limits. Admission: varies; tickets may be purchased in advance at Strawberries, the In Your Ear Northampton Box Office (1-800-THE-TICK), and the Middle East Box Office (Mon.-Sat., 10 a.m.-6 p.m.; call 492-5162 to charge tickets). Information: 497-0576.

Sept. 16: Fuzzy, Flying Nuns, Tizzy, Car [Upstairs, 19+, \$7]; Sonic Boom (fr. Spacemen 3), E.A.R., Elevator Drops [Downstairs, 19+, \$7]; A LA Modal, Eric Pakula Trio — Jazz [Bakery].

Sept. 17: Mecca Normal, Peter Jefferies, Trash, 18th Dye (fr. Berlin, Germany), Bimbo Shrineheads [Up, 19+, \$7]; 13th Noise Anniversary Party with Concussion Ensemble, 5'10" (feat. Kevin Seconds), Hank [Down, 19+, \$7-8]; T.B.A. [Bakery].

Sept. 18: Off the Wall — films [Up, \$5]; Over the Rhine, Ted Olson [Up, 19+, \$6]; Hollywood Squares, Erotic Aquarium, Bird Brain [Bakery].

Sept. 19: Rock City Photo Benefit [Up, 19+, \$6]; Out Loud Theater: *Poor Daddy* — Written & Performed by Rebecca Saunders [Down, 19+, \$5]; Alternative Acoustic showcase with Richard Mirsky [Bakery].

Sept. 20: The Cocktails, Spare Snare (fr. Scotland), Twig [Up, 19+, \$6]; Agona Hardison [Bakery].

Sept. 21: Special Cheap Date Night — Scratch Record Release Party, Still Home, Resin Sect [Up, 19+, \$5]; Kerouac Festival with Jim Carroll, Mark Sandman (fr. Morphine) & Special Guests [Down, 19+, \$11-12]; Belly Dancing w/ Nazeera, Juliette & Mimi [Bakery].

Sept. 22: Dirt Merchants, Candy Machine, Palentine, Serum [Up, 19+, \$7]; Shudder to Think, God & Texas [Down, 10 p.m. door, 19+, \$7]; Green Factory — Acoustic rock [Bakery].

### Venus de Milo

7 Lansdowne St., Boston. Sept. 20, 11 p.m. Tickets and information: 421-9595. The band Ripopotamus celebrates the release of its debut full-length CD *Butter*, which represents a slick, danceable mix of funk and soul, rock

and rap, jazz and pop.

## Film

### Japanese Friday Nights at the Flicks.

77 Massachusetts Ave., Rm. 1-390. Requested donation: \$1. Information: 253-2839. Sept. 16: *Tampoppo* (Juzo Itami, 1986); 6:30, 10:30 p.m. *Dreams* (Akira Kurosawa, 1990); 8:30 p.m. Both films in Japanese with English subtitles.

### Brattle Theatre

40 Brattle St., Harvard Square, Cambridge. Admission: \$6 for all shows; \$4 for Brattle members; \$3 for seniors/children under 12. Information: 876-6837.

**Special Engagements.** Sept. 16: *Go Fish* (Rose Troche and Guinevere Turner, 1994); 4:15, 8 p.m. *The Hunger* (Tony Scott, 1983); 6: 9:45 p.m. Sept. 17: *Go Fish*; 4:15, 8 p.m. *Desert Hearts* (Donna Rule, 1985); 2:25, 6, 9:45 p.m. Directed by Stanley Kubrick. Sept. 18: *2001: A Space Odyssey* (Stanley Kubrick, 1968); 1:15, 4, 7, 9:45 p.m. **Watching the Detectives.** Sept. 19: *After the Thin Man* (W.S. Van Dyke, 1936); 4, 7:40 p.m. *The Ex-Mrs. Bradford* (Stephen Roberts, 1936); 6, 9:40 p.m. **Beat It!** Sept. 20: *Burroughs* (Howard Brookner, 1984); 4, 8 p.m. *Naked Lunch* (David Cronenberg, 1991); 5:45, 9:40 p.m. **More Recent Raves.** Sept. 21: *Bhaji at the Beach* (Gurinder Chadha, 1994); 3:50, 7:50 p.m. *The Scent of Green Papaya* (Tran Anh Hung, 1993); 5:45, 9:45 p.m. **Reflections on German Cinema.** Sept. 22: *Pandora's Box* (G.W. Pabst, 1928); 4, 8 p.m. *Diary of a Lost Girl* (G.W. Pabst, 1929); 6, 10 p.m.

**Museum of Fine Arts** 465 Huntington Ave., Boston. All films screened in Remis Auditorium. Unless otherwise noted, admission is \$6.50, \$5.50 for MFA members/students/seniors. Information: 267-9300.

**Premiere Engagements. Back by Popular Demand. Film Photographers.** Sept. 16: *Harry Callahan* (Judith Wechsler, 1994); 7 p.m. Sept. 17: *Strand: Under the Dark Cloth* (John Walker, 1990); 1 p.m. Sept. 22: *Aaron Siskind: Making Pictures* (Judith Wechsler, 1991); *Harry Callahan* (Wechsler, 1994); *Ansel Adams: Photographer* (David

Meyer, 1957); all at 5 p.m. (also showing Sept. 24, 1:30 p.m.). **Opera on Film.** Sept. 16: *Oh...Rosalinda!* (Michael Powell and Emeric Pressburger, 1955); 5 p.m. *Moses and Aaron* (Jean-Marie Straub and Danielle Huillet, 1975); 8 p.m. Sept. 17: *Boris Godunov* (Vera Stroyeva, 1954); 3 p.m. **Early Ozu Films.** Sept. 22: *Walk Cheerfully* (Yasujiro Ozu, 1930, silent); 6:30 p.m. *Dragnet Girl* (Ozu, 1933, silent); 8:15 p.m.

21-Oct.2: Tue.-Sat., 8 p.m.; Sun. 2 & 7 p.m. Admission: \$25-42. Information: 547-8300. The works of Samuel Beckett have carried profound significance to account for his constant fascination for theater artists and audiences alike. The evening consists of three compact works with the common theme of consultation: "A Piece of Monologue," "Krapp's Last Tape," and "Ohio Impromptu."

**"Downtown"** Boston Center for the Arts Theater, 541 Tremont St., Boston. Through Sept. 22 & 29, 8 p.m. Sept. 23-24, 30 & Oct. 1, 9 p.m. Admission: \$11.75 day-of-show; \$9.75 advance tickets; \$2 off for students/seniors. Information: 542-4214. Luis Alfaro presents a signature performance peace of city life as "a true poet of the city, flooded with deep affection and splattered with wry humor" (*L.A. Times*). Part of "Out on the Edge 3," a festival of lesbian and gay theater.

**"Picasso at the Lapin Agile"** Loeb Drama Center, 64 Brattle St., Cambridge. Through Sept. 17: Fri.-Sat., 8 p.m. Admission: \$18-36. Information: 547-8300. Return engagement: first full-length play by Steve Martin (*Roxanne, L.A. Story*), about a fictional meeting between the young artist Pablo Picasso and the young scientist Albert Einstein, before fame consumed them, along with other historical figures and a surprise visitor from the future.

**"Naked Breath"** Boston Center for the Arts Theater, 541 Tremont St., Boston. Through Sept. 17: Fri.-Sat., 9 p.m. Admission: \$11.75 day-of-show; \$9.75 advance tickets; \$2 off for students/seniors. Information: 542-4214. Internationally-acclaimed performer, AIDS activist, and leader of the new Queer Arts Movement Tim Miller brings forth a new show about the universal value of gay culture. His new show recounts his lustful adventures as a carpenter in the early '80s and the impact of AIDS on sexuality in the decade to follow. Part of "Out on the Edge 3," a festival of lesbian and gay theater.

**"An Evening of Beckett"** Zero Church Street Performance Space, at the corner of Harvard Square, Cambridge. Sept.

## Openings

### "Shot to Hell in a Rocket"

Boston Center for the Arts, Black Box Theater, 539 Tremont St., South End, Boston. Sept. 16-24: Wed.-Sat., 8 p.m.; Sat., 10 p.m.; Sun. matinee, 3 p.m. Admission: \$10. Information: 492-2897. Splat Productions presents a one-man burlesque depicting a story of love, lust, and co-dependence, written by and starring Jim Boutin, an Emerson college alumnus.

### "Bigger than a Bread Box"

Boston Center for the Arts Theater, 541 Tremont St., Boston. Sept. 16-17, 7 p.m. Admission: \$11.75 day-of-show; \$9.75 advance tickets; \$2 off for students/seniors. Information: 542-4214. Seattle's popular African-American lesbian comedy group, 4 Big Girls, make their Boston debut with a revue of sketches in which the performers break through myths and stereotypes and confront the ways that racism and sexism affects people's everyday attitudes. Part of "Out on the Edge 3," a festival of lesbian and gay theater.

### "Shlemiel the First"

Loeb Drama Center, 64 Brattle St., Cambridge. Sept. 21-Oct. 8: Tue.-Sat., 8 p.m.; Sun., 7 p.m.; Sat. & Sun. matinees, 2 p.m. Two special weekday matinees (Wed.-Thu., Oct. 5-6) held at 2 p.m. Admission: \$25-42. Information: 547-8300. This musical, adapted by Robert Brustein from the play by Isaa Bashevis Singer, matches up the charming folk tales of Singer with a rousing, authentic score played by the Boston-based Klezmer Conservatory Band.

### "An Evening of Beckett"

Zero Church Street Performance Space, at the corner of Harvard Square, Cambridge. Sept.

### "The Phantom of the Opera"

Wang Center for the Performing Arts, 270 Tremont St., Boston. Through Sept. 24: Mon.-Sat., 8 p.m.; Wed.-Sat. matinees, 2 p.m.; Sun., 3 p.m. Admission: \$15-60. Information: 482-9393. Andrew Lloyd Webber's award-winning musical concludes its Boston engagement. The musical, adapted from the novel by Gaston Leroux, tells the story of a deformed Phantom who lurks beneath the Paris Opera stage, and the tragic love he develops for one of the performers.

### "The Woman Warrior"

Huntington Theater Company, 264 Huntington Ave., Boston. Through Oct. 9: Tue.-Sat., 8 p.m. (excluding Sept. 27); matinees Sat. & Sun. and Wed., Sept. 21 & 28, 2 p.m. Admission: \$12-39. Information: 266-7900 x2565. Stage adaptation of Maxine Hong Kingston's *The Woman Warrior* and *China Men*, telling the story of three generations of a Chinese-American family.

## Dance

### MIT Japan Program Presentation

Kresge Little Theater, 84 Massachusetts Ave. Sept. 17, 8 p.m. Admission: \$12, general; \$9 for students/seniors; \$5 for MIT students. Information: 868-3382. The MIT Japan Program and the Jo Ha Kyu Performance Group present a concert of GAGAKU and BUGAKU, Japanese Imperial Court Music and Dance, with Suenobu Togi and the dancers and musicians of Jo Ha Kyu. Also included: "The Warrior of Outrageous," choreographed by Arawana Hayashi.

### Federal Reserve Bank of Boston, Midday Performance Series

Bank Auditorium, 600 Atlantic Ave., Boston. Sept. 22, 12:30 p.m. Free admission. Information: 973-3453. "Jump, Jive, and Swing": a lively performance featuring swing in all its forms.

## Comedy

### U.S. Improvisational Theatre League

The Lyric Stage, 140 Clarendon St., Copley Square (across from the Hard Rock Cafe), Boston. Sept. 16-17, 8 p.m. Admission: \$10; \$5 for students. Information: 864-1344. Competitive improvisational theatre, in which two teams of performers try to out-act each other with scenes created on-the-spot over three periods: the audience decides the final outcome.

### ImprovBoston

Back Alley Theater, 1253 Cambridge St., Cambridge. Ongoing: Fri.-Sat., 8 p.m.; Sat., 10:30 p.m. Admission: \$10; \$5 with college I.D. Information: 641-1710. The area's longest-standing improvisational comedy group (12 years old) continues with a new season, composed of funny, energetic, creative performers who create scenes, dialogue, and characters on the spot, based entirely on audience suggestions.

## Lectures

### Harvard Book Store, 1994 Fall Author Series

Different locations. Information: 661-1515. Sept. 19, 6 p.m., Cambridge Public Library: Larry McMurtry, the Pulitzer Prize-winning author of *The Lonesome Dove*, and his screenwriting partner Diana Ossana, will present a reading of their new novel, *Pretty Boy Floyd*. Fast-paced and "soon to be a major movie," it traces Charley Floyd's career from small-time crime to national notoriety in a roller-coaster ride of bank robberies, shootings, love affairs, and newspaper headlines. Sept. 21, 6 p.m., Boston Public Library: Doris Kearns Goodwin will discuss her new biography of Franklin and Eleanor Roosevelt, *No Ordinary Time*. Goodwin is the author of *The Fitzgeralds and the Kennedys* and *Lyndon Johnson and the American Dream*. A portrayal of the Roosevelts in the war years, *No Ordinary Time* illuminates the partnership that raised America from the Depression, forged military victory, and transformed the nation into a superpower.

### Simmons College

Alumnae Hall, 321 Brookline Ave., Boston. Sept. 20, 7 p.m. Information: 521-2363. Marcia Ann Gillespie, editor-in-chief of *Ms.* magazine, will discuss "Women and Minorities in the Corporate World."

**Harvard Divinity School**  
 Andover Hall, Sperry Room, Cambridge. Sept. 21, 7:30 p.m. Information: 446-9770. "What Does it Mean to be a Human Being": an evening with spiritual teacher and author Andrew Cohen. Exploring major themes of his forthcoming book on "Impersonal Enlightenment." Cohen will address the profound evolutionary implications of spiritual awakening for the human race. Sponsored by the Harvard Philosophical Union.

**Exhibits**

**MIT Museum**  
 265 Massachusetts Ave. Tue.-Fri., 9 a.m.-5 p.m.; Sat.-Sun., 1-5 p.m. Free to members of the MIT community, seniors, and children under 12. For all others there is a requested donation of \$3. Information: 253-4444.

"Holography: Artists and Inventors." The Museum of Holography Moves to MIT.

"Crazy After Calculus: Humor at MIT." The history of MIT "hacks."

"Doc Edgerton: Stopping Time." Photographs, instruments and memorabilia documenting the invention and use of the strobe light by the late Harold E. Edgerton ScD '27.

"Light Sculptures by Bill Parker '74." Vivid interactive light sculptures, each with its own personality and set of moods.

"Math in 3D: Geometric Sculptures by Morton G. Bradley Jr." Colorful revolving sculptures based on mathematical formulae.

"MathSpace." Hands-on exploration of geometry is the theme as visitors tinker with math playthings. Ongoing.

"MIT Hall of Hacks." Reopening of the exhibition which chronicles MIT's rich history of wit and wizardry, featuring historic photographs and a fascinating collection of artifacts, including props used in the recent police-car-on-the-dome hack.

"The Center for Advanced Visual Studies: 25 Years." Curated by Otto Piene, professor emeritus and past director of the CAVS, the installation will showcase the work of 25 former fellows. Videos, a catalogue, and a CD-ROM presentation will incorporate works by all the former fellows of CAVS. Through Oct. 2.

**Strobe Alley**  
 Ongoing. Information: 253-4444. "Optical Alchemy." Full-color fluorescent photographs of corals and anemones by Charles H. Mazel SM '76, a research engineer in the Department of Ocean Engineering, taken at night during underwater dives. Matched pairs of images offer a comparison between the subject under "normal" reflected-light photography and under illumination with ultraviolet light.

**Hart Nautical Gallery**  
 55 Massachusetts Ave. Ongoing. "Course 13, 1893-1993: From Naval Architecture to Ocean Engineering." Exhibition includes historic photos, models, and computer graphics and highlights a sampling of current research including that performed by the department for Bill Koch's '62 successful America's Cup campaign with America<sup>3</sup>. "Permanent Exhibition of Ship Models." Models which illustrate

the evolution of ship design from the 16th century through the 20th century.

**List Visual Arts Center**  
 20 Ames St. Hours: Tue., Thu., and Fri., 12 noon-6 p.m.; Wed., 12 noon-8 p.m.; Sat.-Sun., 1-5 p.m. Information: 253-4680.

"Annual Student Loan Art Exhibition." An annual exhibition featuring over 300 framed contemporary prints and photographs from MIT's permanent collections. Through the List Visual Arts Center's unique Student Loan Program, the original signed prints, artist-designed posters, and photographs will all find homes in the dormitories and work spaces of MIT students at the close of the exhibition. Works include those by 20th century artists Berenice Abbott, Alexander Calder, Jasper Johns, Robert Motherwell, and Andy Warhol. Lottery held Sept. 21.

"MRC 50s/90s." Retrospective exhibition of the work of Muriel Cooper, graphic designer and pioneer in the field of design for information-rich electronic environments. Professor Cooper, who died May 26, cofounded and directed MIT's Visible Language Workshop at the Media Laboratory. Her teaching and research focused on how computers can enhance the graphic communication process and, inversely, how high-quality graphics can improve computer systems. Held at the Philippe Villers Experimental Media Facility ("The Cube"). Through Oct. 31.

**Sloan School Dean's Gallery**  
 50 Memorial Dr., Rm. E52-466. Hours: Mon.-Fri., 8 a.m.-5 p.m. Information: Michelle Fiorenza, 253-9455. "Sculptures by Glen Urban." Exhibit of works by the dean of the Sloan School of Management.

**The Computer Museum**  
 300 Congress St., Boston. Hours: Tue.-Sun., 10 a.m.-5 p.m. (closed Mondays). Admission: \$7, \$5 for students/seniors, free for members and children four and under; half-price, Sun. 3-5 p.m. Information: 423-6758 or 426-2800 x310.

"Robots & Other Smart Machines™." See how "smart" robots and computers are in this exhibit focusing on artificial intelligence and robotics. Over 25 hands-on computer stations illustrate advances in creativity, games, problem-solving, and communication, including a chance to meet Robot-in-Residence "R2-D2™" from the Star Wars movies. Ongoing.

"Tools & Toys: The Amazing Personal Computer™." Over 35 interactive stations illustrating many leading-edge applications enable you to experience virtual reality, pilot your own DC-10 flight simulator, record music, and do much more. Ongoing.

"The Walk-Through Computer™." The world's largest and only two-story model of a personal computer allows you to climb on a giant mouse, operate a larger-than-life keyboard, and watch the actual flow of information within the machine. Ongoing.

"People and Computers: Milestones of a Revolution™." Travel back through computing history via "time tunnels" and trace today's personal computers back to their giant ancestors of the 1940s and 1950s, with the help of touchscreen video displays and interactive computing stations.



"Lawn Ornament," watercolor on paper, is one of a series of recent paintings by Robert Morgan displayed at the Bromfield Gallery.

Ongoing.

**French Library and Cultural Center**  
 53 Marlborough St., Boston. Hours: Tue., noon-8 p.m.; Wed.-Thu., 10 a.m.-8 p.m.; Fri.-Sat., 10 a.m.-5 p.m.; closed Mon. Information: 266-4351. Through Sept. 29: Landscape paintings by contemporary impressionist Maurice Lemaitre.

**Moblus**  
 354 Congress St., near South Station, Boston. Through Sept. 17: video installation and gallery exhibition of score materials opens at 7:50 p.m.; actual presentation occurs at 8:30 p.m. Admission: \$10, general; \$8 for students/seniors. Information: 542-7416. "Expansions" is a 90-minute, multi-media work combining written and improvised music, taped music and abstract video by composer/performer David Peck.

**Kaji Aso Studio, Institute for the Arts**  
 40 St. Stephen Street, Boston. Hours: Tue., 1-8 p.m.; Wed.-Sat., 1-5 p.m.; or by appointment. Information: 247-1719. Instructors' exhibit.

**Definitive New Art Gallery**  
 286 A Bradford St., Provincetown. Hours: noon-10 p.m. daily, or by appointment. Information: (508) 487-7700. Through Sept. 23: Recent constructions by Mary Behrens; Recent paintings by Jeff Hull; Recent sculpture by Pedro Pereyra; and Installation and photographs by Roy Staab.

**The Newton Free Library**  
 330 Homer St., Newton. Hours: Mon.-Thu., 10 a.m.-9 p.m.; Fri., 10 a.m.-6 p.m.; Sat., 9 a.m.-5 p.m.; Sun., 1-4 p.m. Information: 552-7145. Through Sept. 29: "Traces of the Past: Images on Clay," by Roz Lyons and Pao-Fei Yang; fired-glazed stoneware paintings. Also through Sept. 29: "Intimate Images of Newton," an exhibit of photographs by Eric Myrvaagnes. Reception held Sept. 22, 7:30-9 p.m.

**Bromfield Gallery**  
 107 South St., Boston. Hours: Tue.-Fri., 12 noon-5 p.m.; Sat., 11 a.m.-5 p.m.; Thur. until 7:30 p.m. Information: 451-3605. Through Oct. 1: Recent paintings by Robert Morgan; Recent landscapes by Petri Flint; Pastel landscapes by Thomas J. Curry.

**Concord Art Association**  
 37 Lexington Rd., Concord. Hours: Tue.-Sat., 10 a.m.-4:30 p.m.; Sun., 2-4:30 p.m.; Closed Mondays. Information: (508) 369-2578. Through Oct. 1: Featured exhibition — "The New England Watercolor Society Juried Show."

**Federal Reserve Bank of Boston Gallery**  
 600 Atlantic Ave., Boston (across from South Station). Hours: Mon.-Fri., 10 a.m.-4 p.m. Information: 973-3453. Through Oct. 21: Exhibition by the New England Sculptors Association, with works by 60 sculptors.

**Davis Museum and Cultural Center**  
 Wellesley College, 106 Central St., Wellesley. Hours: Tue., Fri., and Sat., 11 a.m.-5 p.m.; Wed.-Thu., 11 a.m.-8 p.m.; Sun., 1-5 p.m.; closed Mon. Free admission. Information: 283-2051. "Bodies and Boundaries, 1500-1800: Works from Wellesley Collections." At the Gerald and Marjorie Schechter Bronfman Gallery: an exhibition of European prints, drawings, books, and maps from three centuries, selected by Wellesley College participants. The works focus on various topics in our evolution and concepts of the body, humanity, gender and sexuality, and ethnic pluralism. Through Dec. 18.

"The Body as Measure." At the Chandler Gallery: the major emphasis on this exhibition is on the meanings of the body's physical form, not of its internal functions. Each artist addresses the body's external characteristics in relation to its social standing or expression of emotion. Through Dec. 18.

**Museum of Fine Arts**  
 465 Huntington Ave., Boston. Information: 267-9300.

"Wright Morris: Origin of a Species." Photographer Wright Morris carried out his work on extended cross-country trips from the late 1930s to the 1950s. His pictures explore the range and subtlety of life in rural and small-town America, a recurrent theme in his work. Through Oct. 16.

"Weston's Westons: California and the West." Edward Weston, the first American photographer to win a Guggenheim Foundation Fellowship, pursued what he called "an epic series of photographs of the West." This exhibition includes 120 photographs from his travels in the western United States. Through Oct. 23.

"Sol Lewitt." A Connecticut native, Sol Lewitt is a landmark figure in

the Minimalist art movement. Two hundred drawings and watercolors from various collections will be included in this retrospective, ranging from the 1950s to the present. Through Nov. 20.

"Grand Illusions: Four Centuries of Still Life Painting." Selections from the MFA's permanent collection, augmented by works on loan from friends of the Museum, trace the origins, emergences, and full flowering of the still life genre. Dutch and Italian masters, Renoir, Gauguin, Millet, Maurice Prendergast, and Stuart Davis will be represented. Sept. 14 through Jan. 1, 1995.

**Isabella Stewart Gardner Museum**

280 The Fenway, Boston. Open Tue.-Sun. 11 a.m.-5 p.m. Admission: \$6, \$5 for students/seniors, \$3 youths (ages 12-17), free for members and children under 12; Wed, \$3 for students with current ID. Information: 566-1401.

The museum, itself an example of 15th-century Venetian palaces, houses more than two thousand arts objects, including works by Rembrandt, Botticelli, Raphael, Titian, and Matisse. Ongoing.

"Art's Lament: Creativity in the Face of Death." An exhibit exploring artists' responses to plagues, including the bubonic plague and its recurrent history of attack in Europe, as well as highlighting the parallels between that plague and today's epidemic of AIDS. Among the 19 artists with works on view are Boccaccio, Durer, Tiepolo, William Blake, Edvard Munch, Robert Mapplethorpe, Robert Farber, and Keith Haring. Through Oct. 23.

**Museum of Our National Heritage**

33 Marrett Rd., Lexington. Admission and parking for the Museum of Our National Heritage is free. Hours: Mon.-Sat., 10 a.m.-5 p.m., Sun., noon-5 p.m. Information: 861-6559.

"From Sea to Shining Sea." For three years, renowned Magnum photographer Hiroji Kubota traveled throughout the United States documenting this country's landscape and her people. Approximately 80 photographs will be on view in this exhibition organized by the International Center of Photography. Through Sept. 25.

"Shaken Not Stirred: Cocktails Shakers and Design." A variety of cocktail shakers from 1920 to 1960 are presented from the private collection of Stephen Visakay. Approximately 100 cocktail shakers will illustrate aspects of industrial design in 20th-century American decorative arts. Through Oct. 30.

"By a Fine Hand: Quilts from the SPNEA Collection." This exhibition, comprised of 30 splendid quilts from the collections of the Society for the Preservation of New England Antiquities, represents the talent and social climates of 18th, 19th, and early 20th-century New England quilt-makers. Through Dec. 4.

"Posters of Protest: Selections from the Haskell Collection." Lexington resident and attorney Mary Haskell provides several examples of contemporary graphic art from her collection, dealing with various social issues of importance from the 1960s and early 1970s. Through Jan. 8, 1995.

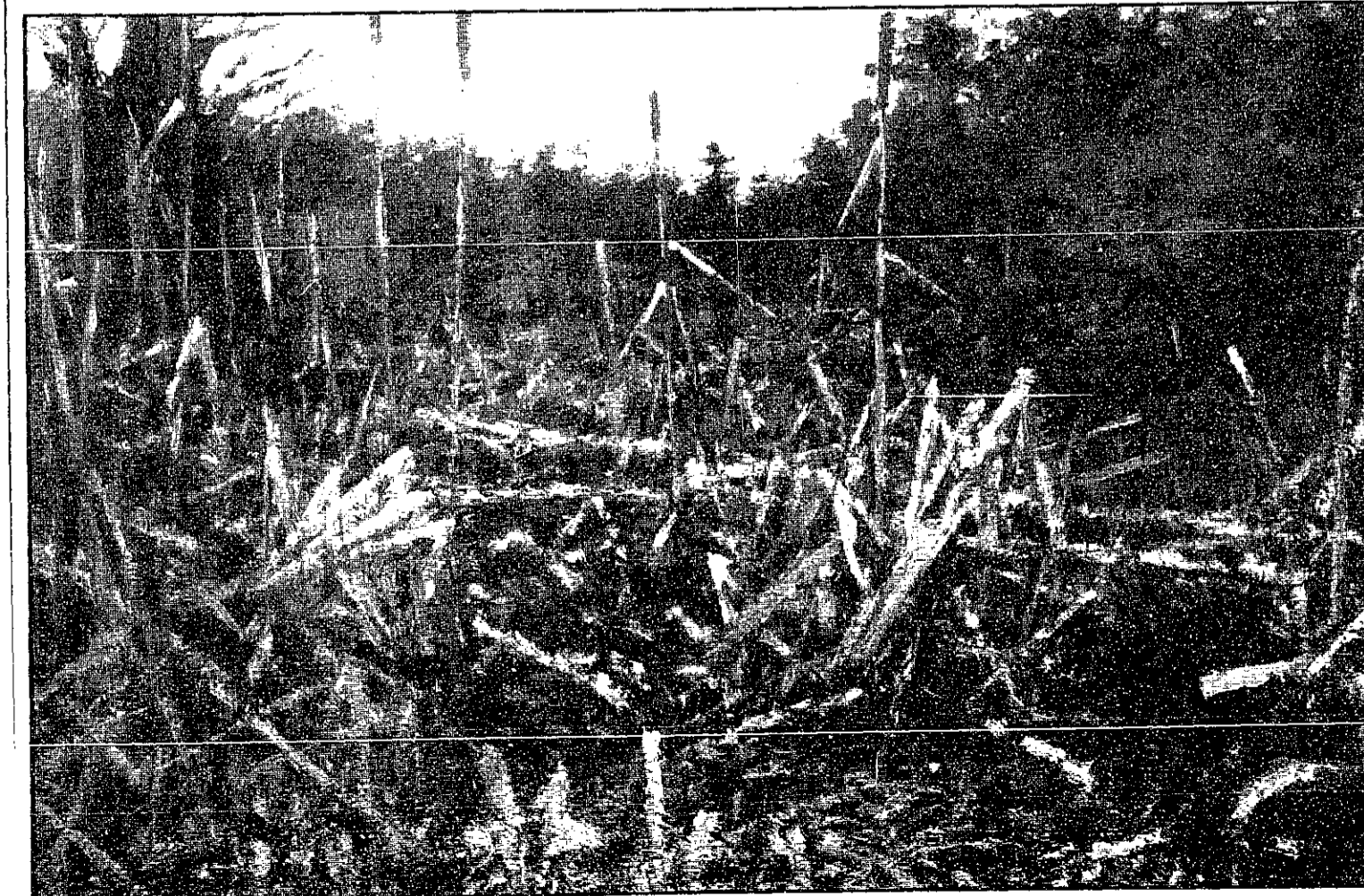
"The Flag in American Indian Art." This exhibition celebrates the creativity, sense of design, and highly-skilled craftsmanship of American Indian cultures. The 125 objects date from 1880 to the 1920s, represent Native American tribes from across the country, and use the American flag as a decorative element. The exhibition is drawn from the collection of the New York State Historical Association. Through Feb. 5, 1995.

"Let It Begin Here: Lexington and the Revolution." Explore the causes and the consequences of the American War for Independence as seen through the eyes of typical New England men and women. The exhibit begins with an introductory audiovisual presentation about the events on Lexington Green. Ongoing.

**Events**

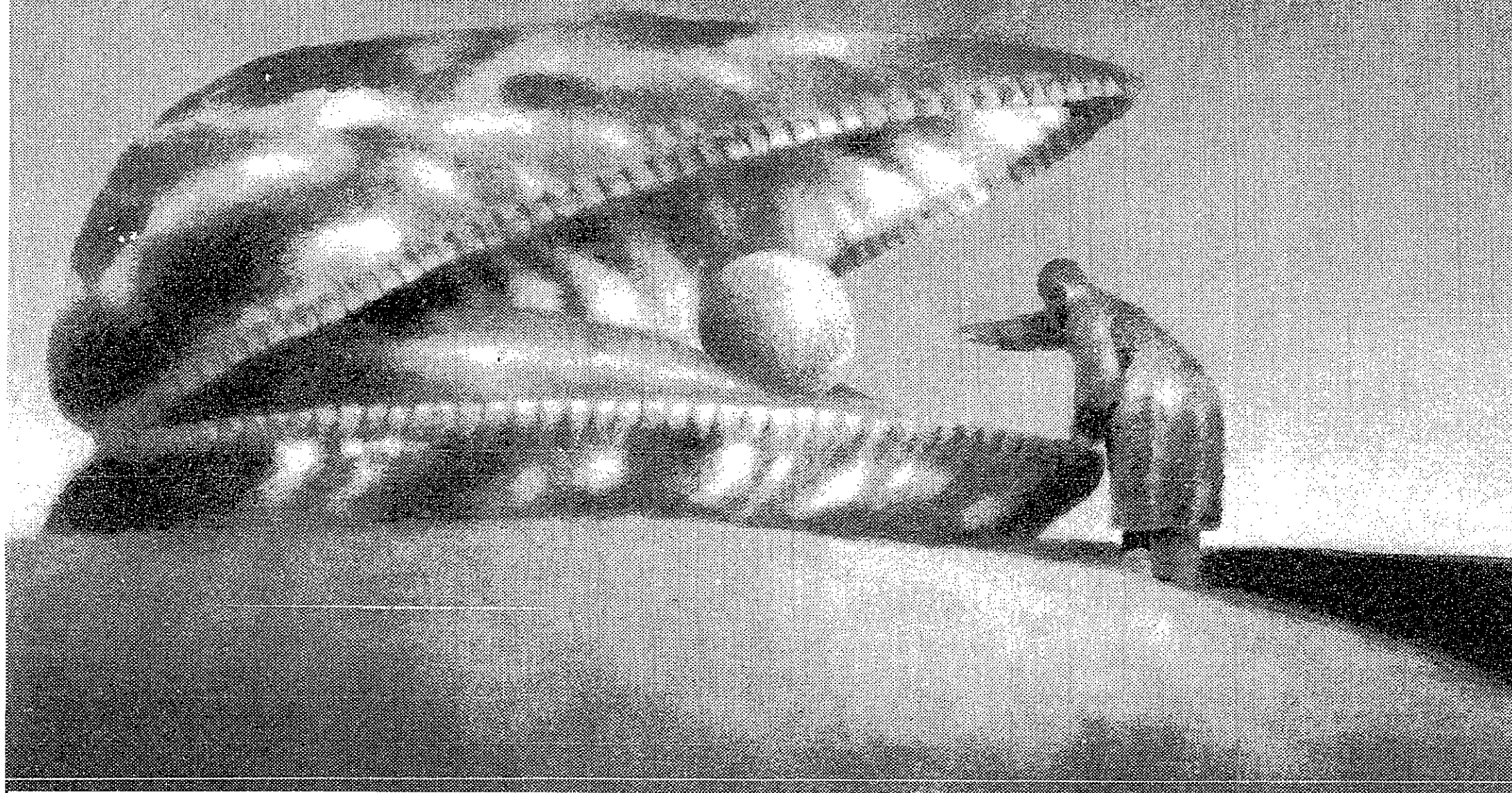
**Central Square World's Fair**

Central Square, Cambridge. Sept. 18, 1-6 p.m. Rain date: Sept. 25. Free admission. Information: 349-4380. The Central Square Business Association and the Cambridge Arts Council sponsor this third annual event, which will close Massachusetts Avenue and begin with an ecumenical service followed by a day of live music on three stages, international foods, street performers, crafts, children's activities, and more, all reflecting the cultural diversity of Central Square.



Petri Flint's "Autumn Marshland," oil on wood, is on display at the Bromfield Gallery.

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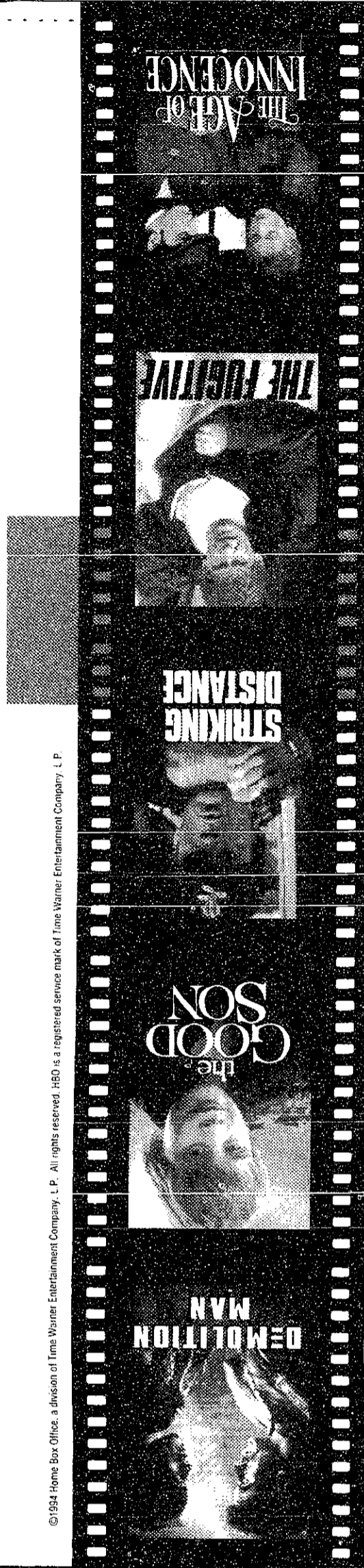
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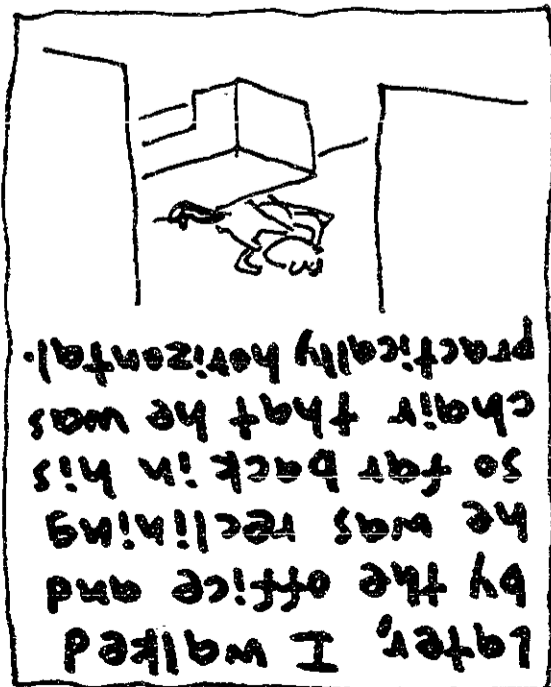
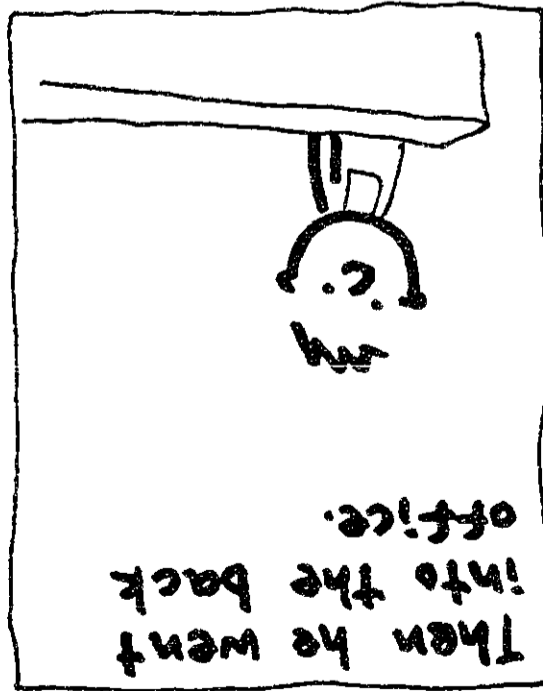
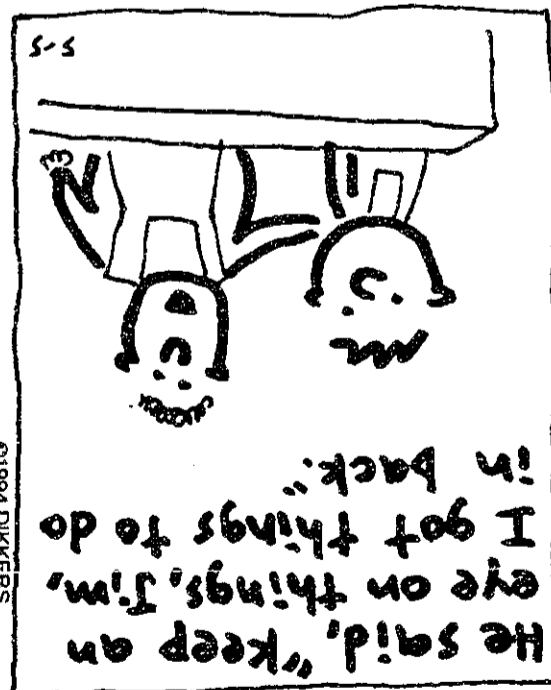
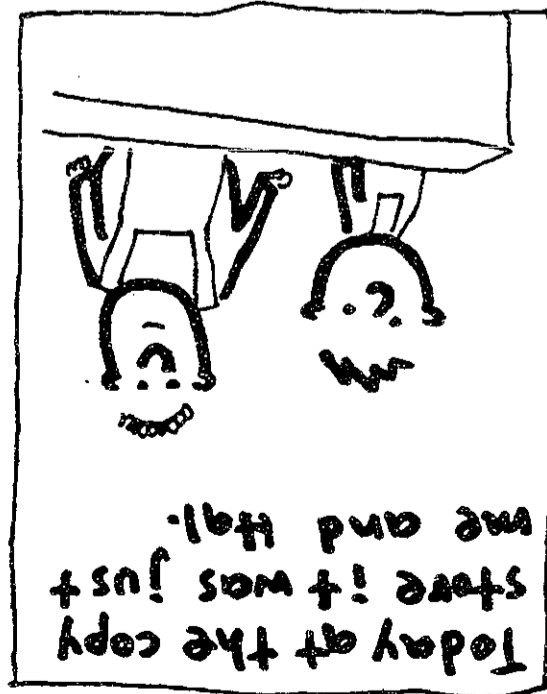
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## Jim's Journal



by Jim

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# Half-Year Police Report Shows Slight Decrease in Campus Crime

By Shang-Lin Chuang

On-campus crime in the first half of the year has decreased greatly compared to a year ago, according to the Campus Police mid-year report. Fewer larcenies, calls for service, and obscene or annoying phone calls were reported.

"The reduction is a very good sign, but with crime rate you will always see some type of fluctuation," said Chief of Campus Police Anne P. Glavin. "Hopefully, it was because of good security practices and good crime prevention techniques."

Although it is still the biggest problem on campus, the number of thefts has declined from 475 in 1993 to 213 in 1994. The total value of stolen property decreased by more than 30 percent, while the value of recovered property increased 300 percent.

"Again, things like this vary from year to year," Glavin said. "The investigation effort of the officers may have something to do with [the decrease], but there are many variables associated with it," she said.

"MIT is in a densely populated

urban area in which some of the crimes are bound to overlap into the campus area," Glavin said. "To think that we can eliminate them altogether is quite unrealistic," she said.

"The best thing that students can do is to practice good crime prevention and be constantly aware of where they are and what they are doing. Little things like that do add up and contribute to the protection of personal property and safety," Glavin said.

The number of calls for service fell by more than 25 percent, from 1,043 last year to 768 this year. Although the number of calls can be used to provide a rough picture of the crime rates on campus, "there is no real correlation," Glavin said.

There were only 28 arrests made by mid-1994, compared to the 41 arrests made by mid-1993.

### Serious crimes unchanged

The number of serious crimes against the person category has been consistent for the past several years. This year there were nine assaults — four aggravated and five simple.

In addition to the statistics on

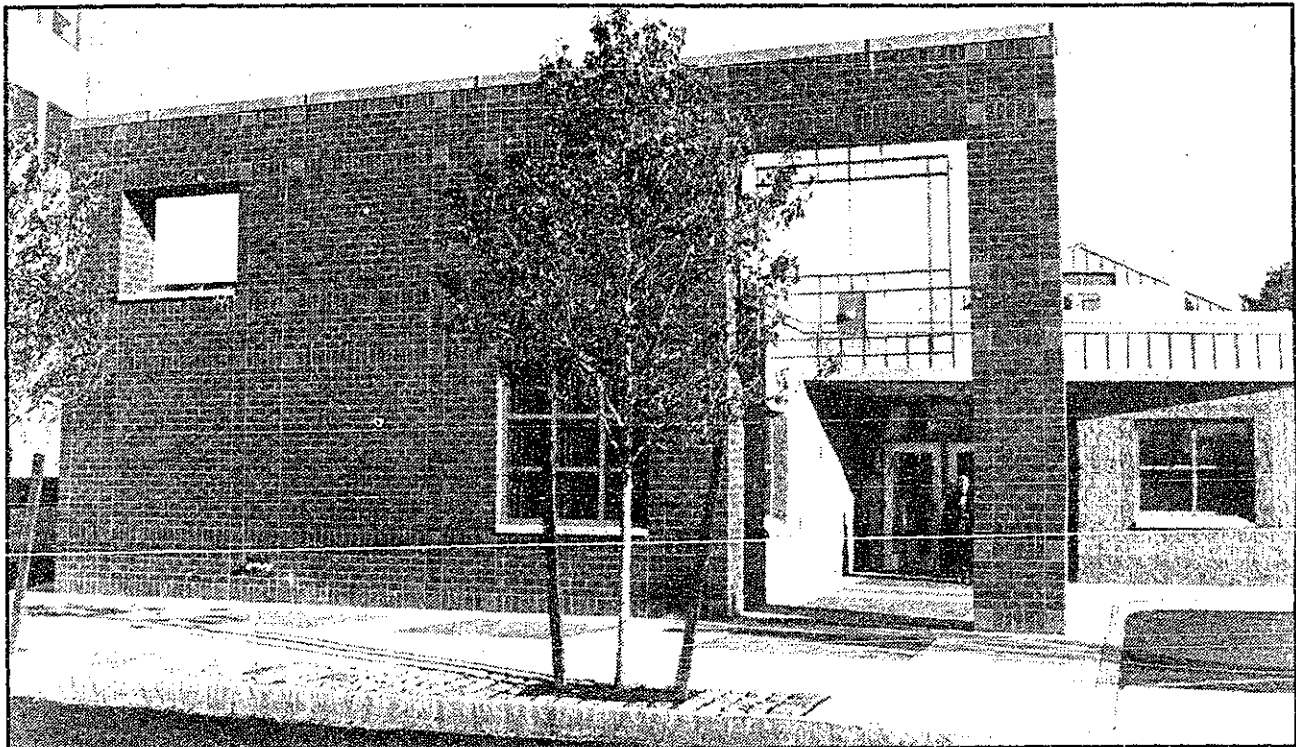
crime, Campus Police also reported that Safe Ride usage increased by 45 percent to 96,463 rides this year.

"Every year the number of riders goes up and up. But as I have said before, Safe Ride is a victim of its own success," Glavin said. "It is difficult for Safe Ride to accommodate so many riders, and then we run into the problem of waiting time," she said.

Campus Police is not currently planning to add any more vans to the four already in service. "There will always be a demand and you have to draw the line somewhere because there is no endless pot of money," Glavin said.

The report also said that Campus Police handled 1,043 emergency medical services by mid-year. These included medical emergencies, ambulance transfers, and medical shuttles.

Campus Police distributed 172 crime prevention notices in the time period. "There is ample opportunity for the MIT community to learn about crime prevention and hopefully the community will be more aware and put these practices to use," Glavin said.



THOMAS R. KARLO — THE TECH

The new building for the Cambridge and Somerville Program for Alcohol Rehabilitation opened in June. In a deal with the City of Cambridge, the Institute paid for the construction of the building in exchange for the lease of city streets on and around campus.

# Court Upholds COD Decision in Expulsion

Buckholz, from Page 1

remarks made the previous day by Sheaffer to Professor Nigel H. M. Wilson '70, Buckholz's academic adviser, MacDonald said. After the fight, Sheaffer had to be taken to the infirmary where he was treated and released.

This decision follows Buckholz's earlier legal battles with the COD, which first recommended his expulsion, and in court, where he paid Sheaffer \$500 in an out-of-court settlement.

Buckholz's case is a good example of the courts' general unwillingness to interfere with university disciplinary procedures, MacDonald said. "It really demonstrates how much discretion and autonomy courts give colleges in managing their affairs," he said.

"MIT's disciplinary system is very unforgiving," MacDonald added.

In an earlier interview, MacDonald had referred to Buckholz's COD hearing as biased. But Professor Leo Osgood, one of the defendants in the lawsuit and dean-on-call for the Institute, defends MIT's discipline policy.

Osgood said that while MIT's disciplinary process has undergone a few minor changes since 1985, the overall system was "very fair to all parties involved."

Osgood dismissed allegations that Buckholz's suspension hearing was biased, saying that MacDonald's characterizations of the COD were inaccurate.

Buckholz, who was approximately six months away from receiving a PhD at the time of his expulsion, never completed his doctoral studies, MacDonald said. He now owns a traffic consulting firm in Jacksonville, Fla.

Buckholz could not be reached for comment.

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# Few Ranked Senior House in Top Five

Housing, from Page 1

David R. Montgomery '98 had listed MacGregor as his first choice but received his fifth choice, Senior House, instead.

"I felt a bit disgruntled and displeased with the housing lottery system," Montgomery said. His roommate, Jeremy Lin '98, felt pretty much the same way. However, he and Lin are getting used to living at Senior House.

"At the time, it was not good. ... I would have liked Next House, but I'm satisfied [with Senior House] now," Lin said.

Although some students are still unhappy, Montgomery believes that the majority of the students have coped with living at Senior House.

"Those that could not have moved out," Montgomery said.

**RCA relocates unhappy students**  
RCA helped unhappy students

find alternative assignments when possible, Jablonski said. "Fifty students requested to be placed elsewhere. A third of these chose to stay" at their current dormitories, she said.

Montgomery, who was offered the opportunity to change dormitories, decided to stay at Senior House.

"The housing office has been really good about it, trying to accommodate folks. I'm very happy with [Senior House] now. It's got its good points, and its got its bad points," Montgomery said.

Bingru Zhou '98, who was assigned to East Campus, her third choice, decided to switch to Next House. Once at Next, she decided that East Campus was probably a better dormitory for her.

"The RCA let me switch back," Zhou said. They were "really helpful."

## Fall 1994 Housing Lottery Results

	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>	7 <sup>th</sup>	no selection
Baker House	66.7	18.3	12.9	1.1	—	—	—	—
Bexley Hall	61.7	17.6	8.8	8.8	—	2.9	—	—
Burton-Conner House	75.0	22.8	2.2	—	—	—	—	—
East Campus	43.0	23.4	17.7	6.5	0.9	0.9	0.9	6.5
MacGregor House	92.0	6.7	—	—	—	—	—	1.3
McCormick Hall	96.6	2.3	1.1	—	—	—	—	—
New House	34.4	61.2	4.1	—	—	—	—	—
Next House	93.2	5.1	1.7	—	—	—	—	—
Random Hall	61.5	15.4	7.7	—	11.5	—	—	3.8
Senior House	12.5	14.3	3.6	7.1	7.1	28.6	25.0	1.8
<b>Totals</b>	<b>69.2</b>	<b>16.3</b>	<b>5.9</b>	<b>2.0</b>	<b>1.0</b>	<b>2.3</b>	<b>2.0</b>	<b>1.3</b>
Men	60.2	19.1	7.4	3.0	1.9	3.6	2.5	1.7
Women	77.3	13.1	4.5	1.0	0.2	1.2	1.5	1.0

Each column in the chart shows the rank students gave to the dormitory they now live in. For example, the first entry in the chart indicates the percentage of new Baker residents who ranked the dormitory as their first choice in the lottery.

\*Source: Office of Residence and Campus Activities.

# Homeless, Social Issues Are Focus of Wodiczko's Work

CAVS, from Page 1

Wodiczko has also had a number of solo exhibitions and public installations in both the United States and Europe, and will have another next year in Japan.

He has been a visiting professor at the California Institute of Arts, Cooper Union for the Advancement of Science and Art, Nova Scotia College of Art and Design, and the Institut des Hautes Études en Plastiques in Paris.

Much of Wodiczko's work focuses on social issues, particularly homelessness. Homelessness "has

been a recurring theme in Wodiczko's work since 1984, when he projected a padlock and chain on the Astor Building in New York City, home of the New Museum of Contemporary Art," said Peter Boswell, associate curator of the Walker Art Center and organizer of a recent Wodiczko exhibition at the Center. "The projection was inspired by the presence in the same neighborhood of ... empty [floors in the Astor Building] and homeless people."

Boswell described Wodiczko's projections as "shimmering, ephemeral displays of colored light. ... Typically, they use seductive

means — monumental, even threatening forms cast in radiant, immaterial hues — to convey unsettlingly elusive images relating to concrete social issues."

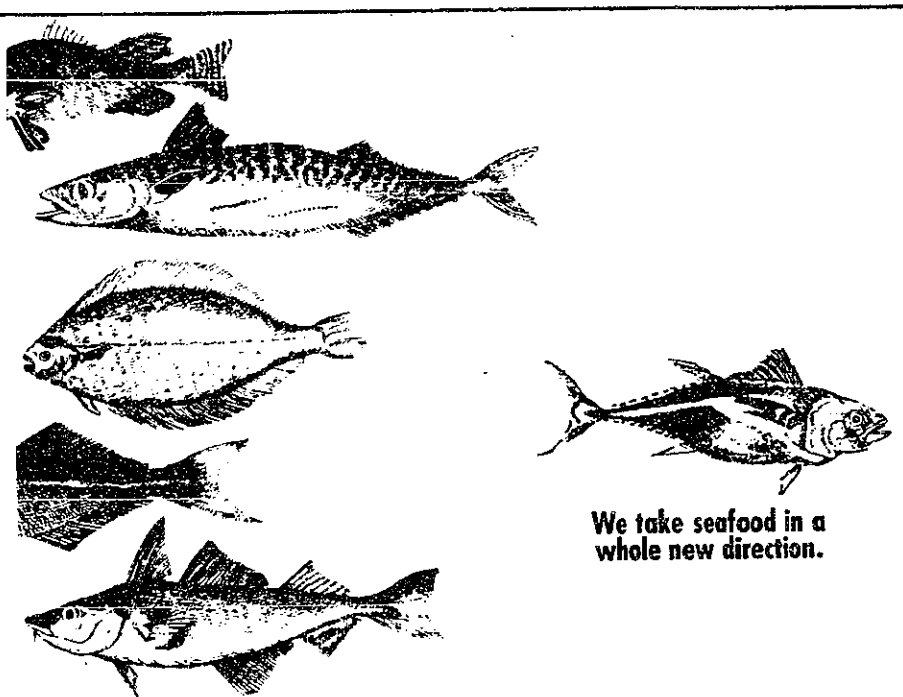
Boswell attributed the theme of homelessness in Wodiczko's installations to his "status as a displaced person ... a perpetual outsider." He described Wodiczko as a cultural refugee from Poland.

He has been "living as a resident alien since 1977, first in Canada, then in the United States. In addition, his work has kept him continually in transit."

Wodiczko will be succeeding Professor of Architecture Emeritus Otto Piene, who retired in September 1993 after his 20-year stint as CAVS director. Piene is famous for "his huge inflatable stunning sky sculptures," said Mary L. Haller, director of arts communication for the Office of the Arts.

Piene created sculptures of starbursts for the 750-year celebration of the city of Berlin.

Paul L. Earls, who works on music-modulated laser installations and events at CAVS, and Elizabeth Goldring, exhibits and projects director of CAVS, will act as directors of CAVS until Wodiczko returns in February.



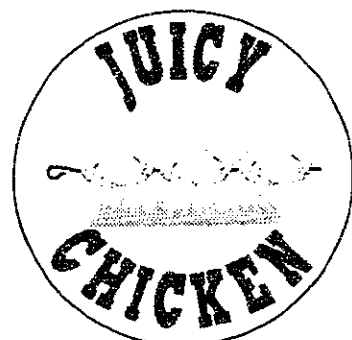
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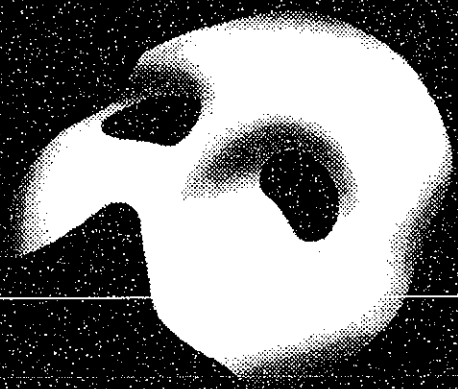
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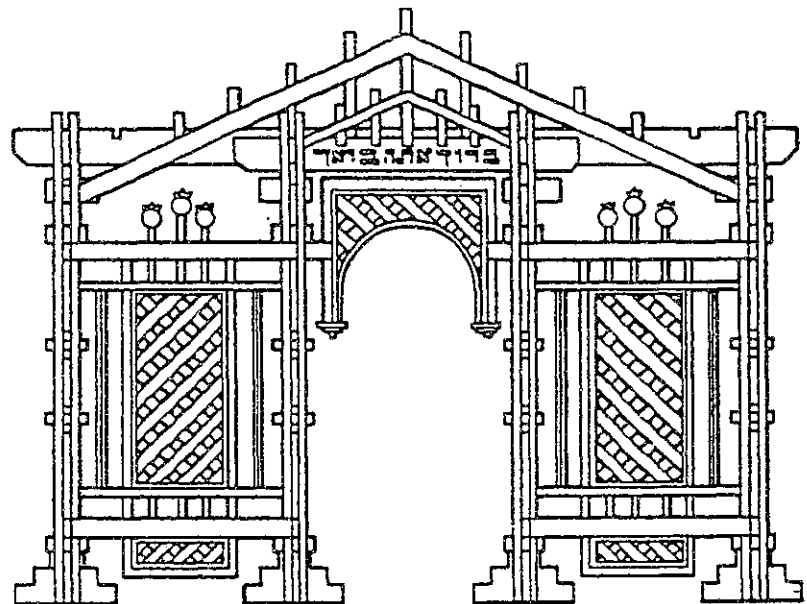


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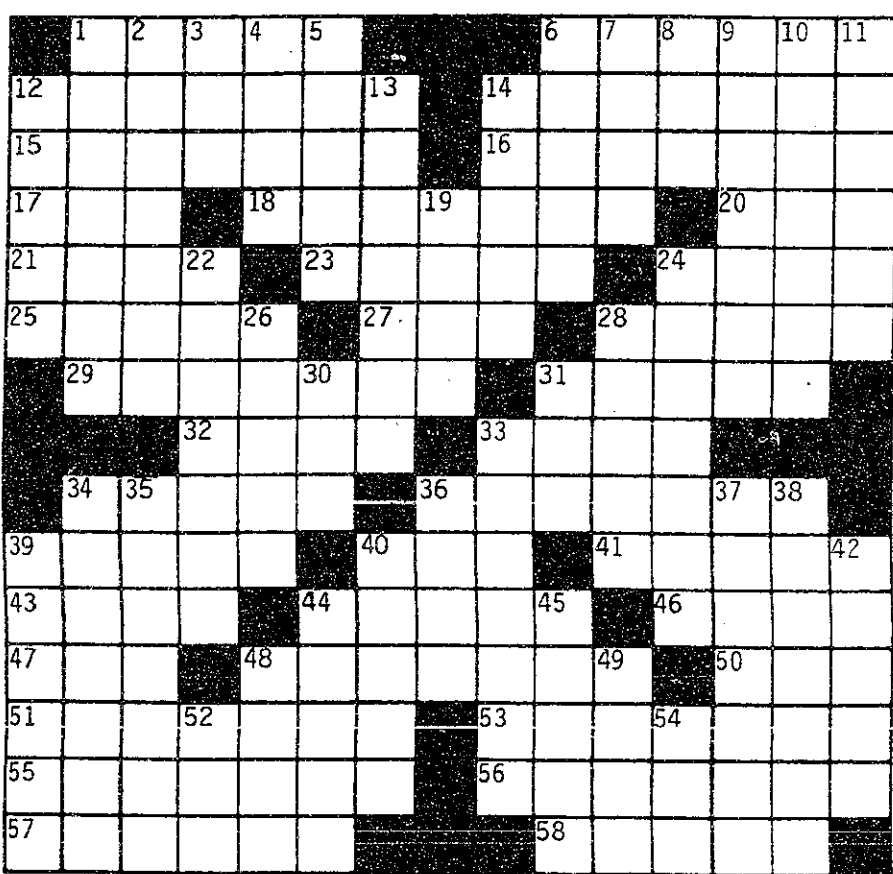
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**ACROSS**

- 1 Edible fruit
- 6 High-ranking angel
- 12 Buffing cloth
- 14 City in Missouri
- 15 Barbed spear
- 16 Extra bit
- 17 George's lyricist
- 18 Calendar word
- 20 Weather outlook
- 21 Sun
- 23 Element #54
- 24 Mineral suffix
- 25 Longest river in France
- 27 Edge
- 28 As yet (2 wds.)
- 29 Stereo accessory
- 31 More contemptible
- 32 Prevaricated
- 33 Like new
- 34 Condiment
- 36 Footwear
- 39 Exhausted
- 40 "My \_\_\_ Sal"
- 41 1951 PGA champion
- 43 Carry
- 44 Bandleader Xavier
- 46 Part of Fred Flintstone phrase
- 47 Musical instrum.
- 48 Young girls
- 50 Cone-bearing tree

- 51 Ice cream dish
- 53 Protective substance
- 55 Burdensome
- 56 Hires
- 57 Fortifications
- 58 Wise guys

**DOWN**

- 1 Ancient monarch
- 2 Oregon Trail fort
- 3 Sports official, for short
- 4 Debatable
- 5 Plains Indian
- 6 Type of car
- 7 Whirlpool
- 8 Drive into
- 9 Shad-like fish
- 10 Bat handle substance (2 wds.)
- 11 Mad
- 12 Coldness
- 13 Showed scorn
- 14 Sin city
- 19 Peevish state
- 22 Type of candy
- 24 \_\_\_ found
- 26 Decree
- 28 Well-known hotel
- 30 Understand
- 31 Container
- 33 Vague discomfort
- 34 City in Washington

- 35 \_\_\_ out (came to an end)
- 36 Droops
- 37 Foliage
- 38 Ancient Italian people
- 39 Dazed condition
- 40 Surges of wind
- 42 Bar game
- 44 \_\_\_ Julius Caesar
- 45 Time of life
- 48 French city
- 49 Tale
- 52 Title for a friar
- 54 Billiards term

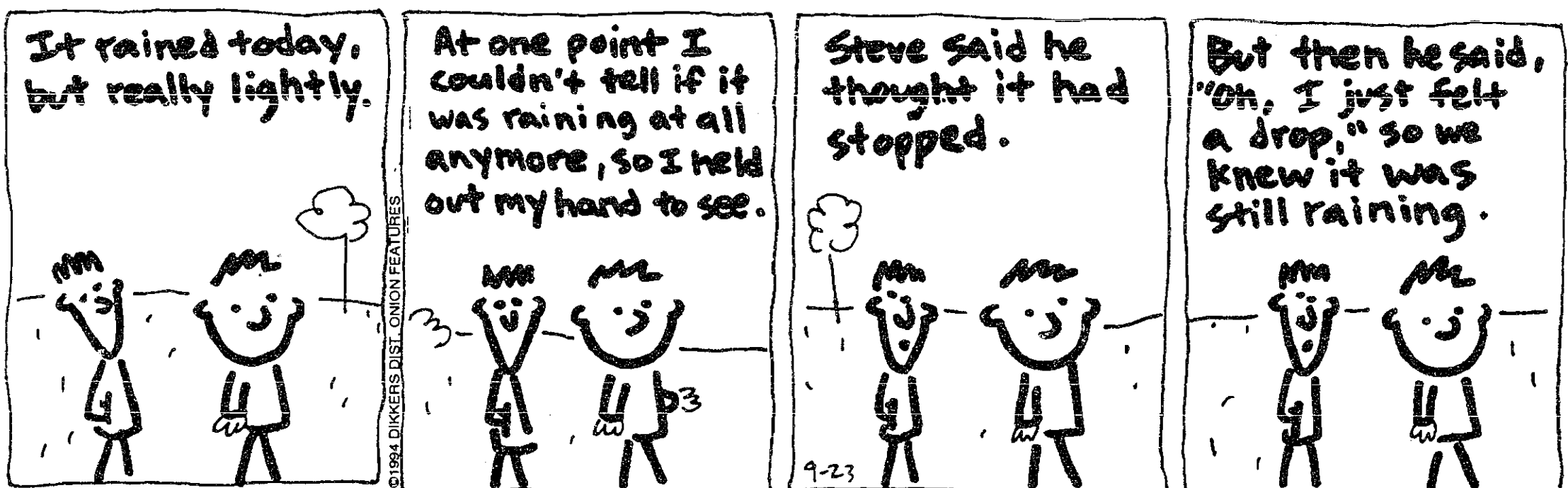
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## Women's Crew Dominates NEW-8

Crew, from Page 20

with a time of 7:42, with MIT's second varsity a close second with a time of 7:45, followed by MIT's third varsity, with a time of 7:59.

The second varsity members felt that they had a good race. They held their own against the competition all the way down the course at a rating of 33-34 strokes per minute. Their start was strong and their sprint was fast. The crew is eager to race MHC again.

The resulting win over the Smith and Wellesley second varsity boats gave the Engineer's third varsity boat a reason to be happy with their race. They too had a great sprint and were swinging down the course at a 32-34 stroke rating.

The first novice boat lost to MHC and Wellesley with a time of 7:50, 8 seconds behind the winning

crew. However, it finished 40 seconds ahead of Smith.

There is also a points award that is given to the team that accumulates the most points for the day. Different amounts of points are given to crews for first, second, and

## Grad Soccer Team Edges Out Opponent

Soccer, from Page 20

having failed in his attempt to retrieve the cross, Schaffner calmly slotted the ball just inside the post from 6 yards.

Attempts by Charles River to equalize in the dying minutes of the game proved to be futile with the MIT defense holding strong.

third place finishes. MIT and MHC had the same number of points at the end of the day, but the tie breaker is the varsity race. So the trophy went to MIT, again, for the second year in a row. MIT hopes to keep up the winning tradition.

This was a fine start to the fall portion of the Spring/Fall Bay State League since Charles River, in the league's fourth position, was a tough opponent. However, with away games against Harvard and a match against last year's champions Canary Square just around the corner, the MIT club has its work cut out for itself.

## Cross Country Team Prepared for Season

Cross-Country, from Page 20

Karl Munkelwitz '95 and Rich Huang '97 also recorded excellent performances. Both broke their personal records, running 27:53 and 31:29 respectively. Joel Ford '98 was the first freshman, placing eighth within the team and running the course in 29:29.

The Alumni competed well. Terry McNatt '87 was the first alumnus, placing fourth overall in 27:17. Sumner Brown, competing against men less than half his age, came in ninth after running the course in 28:33. Bill Singhose G, former All-American in the decathlon, graciously accepted an invitation to compete outside of his specialty and ran well.

Based on Saturday's results and those from last year, the cross country team has a very good chance of securing one of two national championship berths available to the New England region. Beyond that, the team could potentially place in the top 10 at nationals.

By a coaches poll, MIT is currently ranked 14th in the nation among Div. III schools. Their main competition this season will come from Williams College, ranked fourth in the nation, and Brandeis University, ranked 20th. However, hopes are high that with hard work in training and presence of mind in racing, the cross country team will succeed in reaching its goals for this season.

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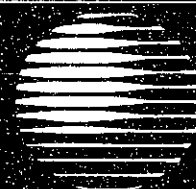
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# SPORTS

## Runners Defeat Alumni

By Arnold Seto  
TEAM MEMBER

In their first race of the year, the men's cross country team defeated the MIT alumni, 17 to 42 last Saturday. This pre-season contest gave team members and alumni a chance to meet each other and test their summer training. Nineteen team members and five alumni competed on the grassy 5 mile route at Franklin Park, MIT's home course.

The Engineers demonstrated their great potential with some strong performances. Top honors went to Ethan Crain '95, who sped through the course in 26 minutes, 19 seconds, a 5:16 per mile pace. Crain, who won the 1500-meter event in the National Collegiate Athletic Association Div. III track championships last spring, is expected to lead the Engineers to a successful season. In second place was Jesse Darley '95, a Cross Country All-American in 1993. Darley completed the course in 26:32.

Cross-Country, Page 19



Tera Hoeffle '98 skillfully maneuvers the ball around a defender during the women's varsity soccer match against Regis College on Tuesday. MIT handily defeated Regis 7-0. Hoeffle scored two goals and had two assists.

## Soccer Club Beats Charles River

By Jonathan Elliott  
TEAM MEMBER

Last Saturday the graduate soccer club defeated the Charles River club, 2-1. This was a hard-fought but well-deserved victory for the MIT team members who are struggling to rediscover their form of the 1993 season, which brought them the Bay State Cup, third position in the Bay State First Division, and a playoff slot in the summer league.

The loss of several important players has resulted in MIT getting knocked out of the 1994 Bay State Cup competition (albeit to last year's runners-up and on penalties) and achieve a somewhat mediocre (by last year's standards) 6-3-1 record at this juncture, just past the halfway point in the 1994 Bay State First division. However, there is definitely a sense of things coming about for this team, especially after reaching the quarter-finals in the Summer League playoffs this year.

MIT came out strongly in the first half of Saturday's game. Several quick passing movements saw only the woodwork prevent MIT from taking the lead. First, Bashar Zeitoun G latched onto a cross from Grant Schaffner G on the left wing, but his carefully measured chip crashed against the crossbar with the goalkeeper hopelessly beaten.

Shortly afterwards, Pavel Volsbeyn G (who had come on for Rodrigo Capaz G) snuck through the Charles River defense to deftly send a header from another left-wing cross thudding against the foot of the right post. The rebound tantalizingly crossed the face of the goal inches from the line but stayed out.

MIT finally took the lead in the 32nd minute when a pass from the reintroduced Capaz was taken by Schaffner and struck on the half-volley from 25 yards out directly into the net, just inside the far post. The first half ended with MIT 1-0

up and well in control.

A defensive lapse in the 62nd minute resulted in a Charles River forward having a clear run on goal from just inside the MIT half. In spite of a valiant attempt by MIT goalie, Bobby Padra G, Charles River had equalized.

This development added a sense of urgency to MIT's play. A short pass from Capaz on the right gave Alex Pfaff G time to measure his cross and find Rich Stringfellow G unmarked at the far post.

Unfortunately Stringfellow's volley sailed just over the crossbar. There were a few scary moments at the MIT end of the field before the Techies grabbed the winner in the 79th minute. A corner from Capaz found Stringfellow at the far post. He headed the ball back to Schaffner and, with the goalkeeper hopelessly stranded past the far post after

Soccer, Page 19

## UPCOMING HOME EVENTS

**Saturday, Sept. 17**  
Varsity Sailing at New England Singlehanded Elim. A, 9:30 a.m.  
Field Hockey vs. Western New England College, noon.  
Baseball vs. Alumni.  
Rugby vs. University of New Hampshire, 1 p.m.  
Men's Soccer vs. Nichols College, 1 p.m.  
Women's Tennis vs. Vassar College, 3 p.m.

**Sunday, Sept. 18**  
Varsity Sailing at New England Singlehanded Elim. B, 9:30 a.m.  
Baseball vs. Merrimack College, noon.

## Women's Crew Retains NEW-8 Regatta Title

By Megan Jasek  
TEAM CAPTAIN

The women's crew team held strong this weekend at the New England Women's Eight Confer-

ence Regatta. The weather was outstanding: The sun shining and very little wind made conditions perfect for racing.

The NEW-8 Regatta field consisted of crews from MIT, Smith College, Wellesley College, and Mount Holyoke College. The MIT team raced three varsity boats and two novice boats.

The varsity eight defeated their competitors with a time of 7 minutes, 17 seconds, crossing the line 12 seconds before Wellesley, the nearest opponent. MHC and Smith came in much later, crossing the line with times of 7:37 and 7:41, respectively.

The varsity boat had an excellent race, starting off at a 43 stroke rating, and settling to a 34-35 stroke rating. They pulled away from Wellesley at the 1250 meters to go mark and kept moving ahead until the finish. Because the varsity eight race decides who will be the champion of the NEW-8 Regatta, MIT's name will go on the winner's plaque for the second year in a row.

The second novice boat had another outstanding performance, crushing the competition again. With a time of 7:55, it finished 37 seconds before any the next boat. This boat has been consistently winning with margins of this magnitude and is expected to do very well at the National Championships at the end of the season.

The opponents did not have a third varsity boat so both the MIT second and third varsity boats raced in the second varsity race. MIT lost this match-up by a hair to Mount Holyoke; MHC crossed the line

Crew, Page 19

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