



SHARON N. YOUNG PONG — THE TECH

The gamblers in the Musical Theater Guild's production of *Guys and Dolls* hound Nathan (Andrew Berger G) for the location of a crap game. The first performance is tonight at 8 p.m. in La Sala de Puerto Rico.

## Seniors Satisfied With Education

### Only Half Pleased with Fresh Year

By Jennifer Lane  
STAFF REPORTER

Three-quarters of the seniors that responded to last spring's senior survey were satisfied with their undergraduate education while only 52 percent were satisfied with the freshman academic experience.

The initial results of the senior survey also show that over 80 percent of the respondents were satisfied with their living group experience.

The 10-page long survey, mailed to the seniors last April, was sponsored by the Educational Studies Working Group in conjunction with the Undergraduate Academic Affairs Office, according to Alberta G. Lipson, assistant dean for research in the UAAO. This was the first time that the Institute ever conducted a formal survey of graduating students of this kind.

The survey covered a variety of topics including attitudes toward the

student's major, freshman year, living group experience, student activities, and employment, Lipson said.

Questions also covered future plans, pressure, financial aid, and the extent to which students felt their MIT experience improved upon various types of knowledge and abilities.

Four hundred and sixty-one seniors replied for a response rate of 42 percent. "The response rate was very substantial," Lipson said. "MIT students usually don't respond to surveys in great numbers."

Demographically, the survey responses matched fairly well with the make-up of the senior class, Lipson said.

#### High pace, pressure

According to the survey results, over 90 percent of the respondents

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## MIT Looks To Improve Housing Options

By Christopher L. Falling  
STAFF REPORTER

Second in a two-part series about planning projects involving academic, residential, and support buildings.

In addition to academic buildings, the Planning Office evaluates other structures including student dormitories, parking garages, and commercial buildings owned by MIT, according to Director of Planning O. Robert Simha MCP '57.

The Planning Office is looking into new options for graduate and undergraduate housing, as well as renovation of athletic facilities, Simha said. Work on the cogeneration power plant on Vassar Street, new parking facilities, and landscaping projects is already under way, he said.

#### Student housing evaluated

The recently-formed Strategic Housing Planning Committee is examining options for increasing graduate student housing on campus, as well as the locations of these buildings, said Committee Chair Robert M. Randolph, senior associate dean of undergraduate education and student affairs.

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## Housing Report Suggests Revisions, Repairs

By Don Lacey  
STAFF REPORTER

The Undergraduate Association's Committee on Housing and Residence and Orientation Week has released its final report on the state of student housing at MIT.

The report contains the results of a poll of 495 students and interviews with 70 students on housing and R/O Week, and makes several major recommendations aimed at improving MIT's housing situation. The poll was conducted during Independent Activities Period and spring 1994.

The committee made several points in the document, including the necessary renovations of some dormitories, the recommendation to discontinue Huntington Hall as a housing option, the approval of R/O Week taking place before the fall term, and the need to revise Interfraternity Council badmouthing rules.

The report should be significant to the MIT community due to the large size of the survey sample, said Committee Chairman John S. Hollywood '95. While participation in the survey was voluntary, respon-

dents' "biases were small enough to draw general conclusions," he said.

#### Students satisfied with housing

According to the survey, the average rank students gave for "overall satisfaction" with MIT housing was 8.3, on a scale from 0 to 10. The average rating for "quality of social life" was 7.6, and the average rank for "dormitory condition" was 7.1.

However, some were bothered by alcohol and drug use in their living groups; 17.9 percent of the respondents in dormitories rated

their comfort with alcohol/drug use at their dormitory at 5 or below.

Though the committee reports that "generally we found drug and alcohol use to be low and declining at MIT, and usually an individual concern," it recommended that each dormitory establish procedures for handling these problems.

Because a few students said they felt abused or harassed by members in their living group, the report suggested the formation of the Under-

Housing, Page 15

## Students Cross-Register At Harvard, Wellesley

By Stream S. Wang

Every term many students turn to Harvard University and Wellesley College to fulfill some of their requirements.

Students choose to cross-register at these two universities for several reasons. Often these schools offer classes that are not part of MIT's curriculum or that are overenrolled at MIT. Sometimes the change of environment and pace attract students off campus.

However, with these advantages there is also a trade-off with time and convenience.

There are currently 74 undergraduates taking 88 subjects at Harvard, according to Humanities, Arts, and Social Sciences Office Coordinator Bette K. Davis. This is about the same as last year.

Five students are taking classes at Wellesley, slightly fewer than in past years, said Associate Dean of Undergraduate Academic Affairs Mary Z. Enterline.

Language classes are the most common classes taken at Harvard, with 51 percent of cross-registered students enrolled there taking them, Davis said.

"I am taking Yiddish at Harvard because I have always wanted to take it and MIT doesn't offer it," said Joshua D. Milner '95.

Asian Religion, a HASS-Distribution class, is a popular class MIT students take at Wellesley, Enterline said.

Jesse R. Sable '96, who is taking a class at Wellesley, said, "All the other classes I'm taking this term are for my major, so I chose the Wellesley class to help balance things a bit."

One of the unique features of the Wellesley cross-registration program is the Teacher Certification Program, where students earn their certification through classes at MIT and Wellesley. There is also a fifth year option that allows MIT students to attend Wellesley with reduced tuition.

Carrie J. Heitman '96 is taking part in the Teacher Certification Program, and said she is enjoying her experience. "The class is designed to teach teachers how to teach, and is therefore probably somewhat unique in its atmosphere," she said.

"I am thankful that the exchange program offers me the chance to earn teacher certification while I am an undergraduate student," Heitman said.

#### A change of pace

Another advantage of taking classes at a different school is that

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SHARON N. YOUNG PONG — THE TECH

Stephanie A. Spavero '96 gargled water to the national anthem in Lobby 10 yesterday as part of her campaign for Ugliest Manifestation on Campus, a project being run by Alpha Phi Omega to raise money for charity. She is currently in the lead, with donations totaling \$242.04 on the fourth day of voting. The voting for UMOC officially ends today at 5:00 p.m.

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# WORLD & NATION

## German Free Democratic Party Calls for Foreigners' Voting Rights

LOS ANGELES TIMES

BONN, GERMANY

As Chancellor Helmut Kohl began talks to rebuild his wobbly coalition government Thursday, his partners from the liberal Free Democratic Party issued a call for dual citizenship and voting rights for the 6.9 million foreigners living in Germany.

Cornelia Schmalz-Jacobsen, a Free Democrat and the government's representative for the interests of foreigners, said Germany should do away with its so-called "blood laws" requiring German ancestry to secure German citizenship.

Her comments appeared to mark the start a campaign by her party for more liberal social policies from the coalition government. The Free Democrats took a beating in the Oct. 16 federal election — and in nine state elections in the past year — and are casting about to rebuild a liberal image.

Kohl is negotiating a governing program with the Free Democrats. The government, with the Free Democrats, has only a 10-seat majority in the 672-seat Parliament scheduled to convene Nov. 10.

The issue of foreigners' rights is problematic for Kohl, who also cannot afford to lose votes from the conservative wing of his Christian Democratic Party and the right-wing in its Bavarian sister party, the Christian Social Union.

## General Dynamics to Pay \$5 Million in Overtime Case

THE WASHINGTON POST

WASHINGTON

General Dynamics Corp. has agreed to pay \$5.3 million in back wages to more than 1,000 employees of its Electric Boat Division who were illegally denied overtime payments, the Labor Department announced Thursday.

The Falls Church, Va., defense contractor agreed to the payment after Labor Department investigators found the company had "misapplied criteria" used to determine who, among its professional employees, was exempt from the overtime provisions of the federal Fair Labor Standards Act, which governs wages and hours in the workplace.

The agreement was one of the largest back-pay overtime awards in Labor Department history, although it was dwarfed by last year's \$16.2 million award against Food Lion Inc. It covers Electric Boat workers at installations stretching from Connecticut to Washington state.

Labor Secretary Robert B. Reich praised General Dynamics for its quick response in settling the case once investigators determined there was a problem.

Eligible employees will receive their money by Dec. 1. Current employees will be paid by the company and those who have retired or left General Dynamics will receive their money through the Labor Department.

## Clinton Under Pressure To Resolve Refugee Problem

THE WASHINGTON POST

WASHINGTON

Last summer's decision to hold thousands of Cubans indefinitely in camps at Guantanamo Bay and in Panama is becoming a foreign policy, legal and ethical burden for the Clinton administration.

Although public attention has faded from the 32,000 Cubans held behind barbed wire, the administration has found itself under increasing pressure from two opposite directions.

The well organized anti-Castro Cuban organizations in Miami have gone to the courts to demand that their interned countrymen be given a chance to seek asylum in the United States.

Meanwhile, Fidel Castro's government has threatened to abrogate the September agreement that halted the rafters' exodus if the Clinton administration admits Cubans into the United States directly from the so-called "safe haven" camps. Havana wants Washington to follow through with its promise that the refugees in the camps must first return to Cuba before applying to come to the United States.

President Clinton made that pledge after breaking with a 35-year practice of welcoming Cubans as refugees to assuage Florida Gov. Lawton Chiles, a Democrat. Chiles feared that a flood of rafters would spoil his chances in a tough re-election battle against Jeb Bush, the Republican challenger.

## WEATHER

### Fine Fall Weather

By Michael Morgan

STAFF METEOROLOGIST

Sunny mild days and clear cool nights will be the rule for the next couple of days as a large anticyclone along the east coast slowly moves into the Atlantic. Increasing southwest winds will advect warmer air into the region on Saturday ahead of a cold front. Clouds and showers ahead and behind the front will mean a damp end to the upcoming weekend. Clearing and cooler weather is anticipated for Monday.

**Today:** Mostly sunny and milder. Winds southwest 5-10 mph (8-16 kph). High 63°F (17°C).

**Tonight:** Clear and cool. Wind southwest 8-13 mph (13-21 kph). Low 48°F (9°C).

**Saturday:** Mostly sunny and warmer. High near 70°F (21°C). Winds southwest 10-15 mph (16-24 kph).

**Saturday night:** Partly cloudy and cool. Low near 52°F (11°C).

**Sunday:** Increasing clouds with rain and rain showers developing towards afternoon. A bit cooler. High 63-67°F (17-19°C). Low around 50°F (10°C).

# Clinton Visit to Jerusalem Blocked by Turf Dispute

By Barton Gellman

THE WASHINGTON POST

JERUSALEM

All President Clinton wanted, or so the official line went, was to indulge his interest in "history and archaeology." Late Thursday night, a day's diplomacy done, the First Tourist would stroll Jerusalem's walled Old City and visit the holy sites of three religions.

Never mind the security nightmare of a president on foot in those dark stone alleys. Jerusalem's political classes had another agenda, the same agenda they always have: Whose side was this outsider on? Whose interests could he be made to serve? Who would seize the irresistible prize of squiring the leader of the Free World around the Holy City?

In a land of ancient claims, where no symbol or square inch of turf goes uncontested, those questions sent Israelis and Palestinians to the ramparts. By mid-afternoon, with the battle still raging, Clinton called the whole thing off. Later, First Lady Hillary Rodham Clinton, accompanied by the mayor of Jerusalem, prayed at the Western Wall but visited none of the other religious sites.

No president of the United States, while in office, has toured the Old City, which lies in Arab east Jerusalem, captured by Israel from Jordan in 1967. Israel, which dates its claim to biblical times, annexed east Jerusalem and declared the undivided city its eternal capital. Palestinians claim Jerusalem as the capital of their future sovereign state.

This was, perhaps, an especially

bad week for Clinton to put the question in play. On Wednesday, Palestine Liberation Organization Chairman Yasser Arafat had told 4,500 students in Gaza that anyone who does not accept Jerusalem as the capital of Palestine "can go drink seawater." Arafat and Jordan's King Hussein, meanwhile, have appointed rival muftis as chief guardian of Jerusalem's Islamic sites.

Clinton's protocol team, according to Israeli and Palestinian accounts, at first attempted to arrange for him to visit the Western Wall, the Temple Mount and the Church of the Holy Sepulchre without official escort.

Nothing doing, said Jerusalem Mayor Ehud Olmert, a member of the conservative Likud bloc. "The president can only go through east Jerusalem with the mayor's accompaniment," said his spokeswoman, Alisa Kristt.

Olmert, in an interview, said it would raise "very serious problems" for Clinton to suggest it was inappropriate for "the elected mayor" to accompany him in any part of the city.

Faisal Husseini, the minister with responsibility for Jerusalem in Arafat's self-rule authority, replied that if Clinton showed up with Olmert at the Al Aqsa Mosque or the Dome of the Rock, Jerusalem's central Muslim sites, the gates would be barred.

"The only thing that Olmert has to do with the mosques is the fact that his armed forces are occupying east Jerusalem," said Marwan Kanafani, Arafat's chief spokesman. For Clinton to bring an Israeli official, he said, would be "a grave mis-

take."

The Israeli-Palestinian battle, though unrelenting, was defensive at its core. Both sides hoped to host the president, but each seemed more concerned that the other side should not.

Although they hoped to satisfy all concerned, American officials were hardly unaware of the sensitivities raised by Clinton's visit.

"When I took up my job," State Department spokesman Michael McCurry said, "the first piece of advice I got was that if you never uttered the word 'Jerusalem' at a State Department briefing you'd be ahead of the game. What I usually say is that our position is so well known it doesn't need to be explained at this point, and then I decline every opportunity to refresh people's memories."

In fact, the U.S. position under Clinton is somewhat murky. U.N. Security Council Resolution 242, which American policy has long declared the basis for Middle East peace, speaks of Israeli withdrawal from "territories occupied in the recent conflict." But the Clinton administration has gone to some lengths to avoid saying whether it regards east Jerusalem under that rubric.

In March 1992, while running in New York's Democratic presidential primary, Clinton told Jewish leaders: "I recognize Jerusalem as an undivided city, the eternal capital of Israel, and I believe in the principle of moving our embassy to Jerusalem" from Tel Aviv. But he cautioned that he did not think "we should do anything to interfere with the peace process."

# Prudential Accused of Fraud, Gets Chance to Avoid a Trial

By Sharon Walsh and Jay Mathews

THE WASHINGTON POST

WASHINGTON

Federal prosecutors, in an uncommon deal, Thursday charged the giant Prudential Securities Inc. with fraud in connection with the sale of limited partnerships to more than 100,000 investors in the 1980s, but agreed not to press the charges for three years.

If the firm lives up to an agreement with prosecutors filed in a federal court in New York at the same time, whose terms include paying \$330 million into a special fund for investors and cooperating with other criminal investigations, the government will drop its charges.

It was the first time in more than a year of investigations and civil suits that the fourth-largest U.S. brokerage firm admitted criminal wrongdoing in its sales of risky limited partnerships.

Prudential admitted wrongdoing only for the sales of its energy partnerships, which represent a fraction of the limited partnerships that, according to federal regulators, were fraudulently sold.

The company's brokers made false statements about both the risks and the returns on \$8 billion that had been invested in 700 different limited partnerships, according to a complaint filed last year by the Securities and Exchange Commission, which regulates brokerage firms. At that time, Prudential settled with the SEC and established a \$330 million fund, which is running out.

Nearly 340,000 investors were allegedly swindled in the partner-

ships, including 13,000 in the Washington area.

The company is a subsidiary of the Prudential Insurance Co. of America, famous for its "piece of the rock" slogan. The insurance company added \$305 million in cash to boost the securities firm's reserves last summer, but was not involved in the sale of the partnerships.

"We are very pleased that the government has decided to end its investigation and not take further legal action," said Hardwick Simons, president and chief executive of Prudential Securities, who added that Prudential is "a dramatically different firm today."

"I suspect that, though (the government) is preserving the right to prosecute, this means no criminal prosecution of Prudential — ever," said John C. Coffee Jr., a law professor at Columbia University in New York.

Corporate prosecutions are a strange phenomenon to many legal experts, since a prosecutor can't put a company behind bars. But the effects of major securities fraud charges filed against a company can lead to its demise, as it did in the case against Drexel Burnham Lambert Inc. That securities firm filed for bankruptcy a little more than a year after it was charged with fraud by the SEC.

The Prudential settlement received both praise and criticism from securities experts.

Many of the investors who suffered losses in their Prudential accounts were retirees. They thought they were putting money into safe, income-producing limited

partnerships. Most of the partnerships were in oil, natural gas and real estate, and many of them are now virtually worthless.

Lawyers for investors noted that the company has settled all civil litigation involving the energy partnerships, so it has agreed to acknowledge wrongdoing only in those partnerships for which it will have no further civil liability. It has not admitted wrongdoing in other partnership sales cases still in court, involving tens of thousands of investors.

"Prudential has not closed the book on this fiasco," said Joel H. Bernstein, who represents thousands of investors suing Prudential. "To do that, it has to step up to the plate and fully compensate investors for their losses."

At a press conference in New York, U.S. Attorney Mary Jo White rejected suggestions that the penalty was little more than an expensive traffic ticket. "I don't think other companies looking at this will say this was a lenient disposition of this case," she said. "I think they will be very concerned about it."

Washington lawyer Roger Spaeder agreed. "It's a very creative and aggressive approach," he said. "The government holds over Prudential's head a very large hammer. It should put the fear of God into management over the next three years."

White said the decision to enter into what is called a deferred prosecution agreement was based on the company's cooperation with the investigation, its acknowledgment of wrongdoing and concern that a full-scale indictment would have

# U.S. Plans to Double Warplane Presence in the Persian Gulf

By John F. Harris  
THE WASHINGTON POST

WASHINGTON

The United States plans to nearly double the warplanes stationed indefinitely in the Persian Gulf, giving the military more firepower to enforce the Clinton administration's warning to Iraq to keep its most dangerous troops out of easy striking distance of Kuwait.

On the eve of President Clinton's visit to Kuwait, Pentagon officials said Thursday that for the first time U.S. planes will be based in that nation — a squadron of 24 U.S. A-10 "Warhog" attack jets, which specialize in destroying tanks. The officials added that an announcement of additional aircraft deployments to the region will be made in the next few days.

The change is necessary, Pentagon spokesman Kenneth Bacon said, to ensure that Saddam Hussein obeys the demand issued last week by the United States and Britain that he keep Iraq's well-armed Republican Guard troops and tanks north of

the 32nd parallel about 150 miles from the Kuwaiti border.

In total, the Defense officials said, there will be about 130 U.S. aircraft stationed for long-term duty in the Persian Gulf region, up from about 70 before the most recent crisis with Iraq began earlier this month.

This latest crisis defused quickly, and most of the Air Force and Navy aircraft rushed to the region three weeks ago will be withdrawn by the end of this year. But Pentagon officials said they are putting in place plans that will allow the military to respond more rapidly should Iraq again turn bellicose. The administration is hoping by next year to have "pre-positioned" enough equipment in the Persian Gulf region to supply three armored brigades.

This would include equipment for an armored brigade in Kuwait, and a brigade in nearby Qatar. In addition, Bacon said, the United States is negotiating with other gulf area countries to agree to take

equipment for a third brigade.

The standard equipment for each brigade will be 108 Bradley fighting vehicles — enough for two battalions — and 58 M1A1 Abrams tanks, enough for one battalion, according to Army Maj. Ray Whitehead.

Until now, Kuwait agreed to store enough equipment to supply only a half-brigade, but the nation recently announced to increase that and build a new storage area for it south of Kuwait City.

Defense Secretary William J. Perry has said that pre-positioned equipment is a key means of blunting aggression in the region. It allows troops to arrive by air and be quickly ready to fight, instead of having to wait for heavy equipment to arrive by ship.

But in the past, the gulf nations and others in the Middle East have been sensitive about having U.S. military troops or equipment based on their soil for long-term deployments. The recent agreements represent a significant softening of their stance toward the United States.

# Yeltsin Withstands No-Confidence Vote, Aims to End Inflation by '95

By Sonni Efron  
LOS ANGELES TIMES

MOSCOW

The Russian government narrowly survived a no-confidence vote Thursday and vowed to press ahead with a squeaky-tight budget aimed at squelching inflation by the end of 1995.

But Prime Minister Viktor S. Chernomyrdin won the backing of only 54 lawmakers out of a legislature of 450, showing just how fragile support remains for President Boris N. Yeltsin's economic reforms.

In a bruising attack, Communist Party leader Gennady A. Zyuganov called the Russian government a "thief-ocracy." Ultra-nationalist Vladimir V. Zhirinovskiy advised Cabinet ministers to "resign this year, otherwise you will be arrested next year."

Together with other opposition leaders, they urged Parliament to oust a government they accused of impoverishing and humiliating Russia.

In a bid to bolster Chernomyrdin, Yeltsin sacked his agriculture minister just hours before the no-confidence vote. Viktor N. Khlystun, a moderate who had held the post since 1991 and was unpop-

ular with the farm lobby, was replaced by Alexander G. Nazarchuk, a leader of the hard-line Agrarian Party.

After eight hours of impassioned speeches, the Duma, or lower house of Parliament, voted 194-54 in favor of the no-confidence motion, with 55 abstentions. But the measure failed to get the 226 votes needed to pass.

It was the weakest performance for the Yeltsin team since the new Duma was elected 10 months ago. The president's few remaining allies went so far as to warn their fellow lawmakers that, if they tried to dump Chernomyrdin, Yeltsin might dissolve Parliament once again, as the Russian constitution now permits him to do.

Amid rising prices, increasing crime and unemployment and a growing gap between rich and poor, public support for Chernomyrdin's policies is tepid at best. A recent survey of 6,000 Russians found only 14 percent trust their government; 54 percent do not.

But after five years of intense political turmoil, the desire for stability is overwhelming. Although just 23 percent of those polled held a positive view of Chernomyrdin and 40 percent dislike him, only 23

percent said they wanted him to resign, while 41 percent said they would prefer he stay.

Thursday, around the corner from a gleaming Duma building that has just undergone a \$17 million face-lift, several thousand workers gathered to demand the wages that have gone unpaid for months as part of the government's battle against inflation. "Give us a chance to survive and not go bankrupt!" said one banner.

Similar protests organized by trade unions in Chelyabinsk, Novosibirsk, Yekaterinburg, Orenburg, Vladivostok and other cities drew tens of thousands of people, Itar-Tass news agency reported. Radical coal miners who were once key Yeltsin allies demanded that the president and government resign. Others only pleaded for salaries sufficient to feed their children and for protection against unemployment.

In a speech to the Duma, Chernomyrdin promised to pay its debts to all workers by the year's end. But he warned lawmakers that subsidies to ailing defense plants will no longer be forthcoming. "We simply do not need so many weapons anymore," Chernomyrdin told lawmakers, repeating the statement twice.

# U.S. to Submit a Resolution Lifting Ban on Weapons Sales to Bosnia

By Stanley Meisler  
LOS ANGELES TIMES

UNITED NATIONS

U.S. Ambassador Madeleine K. Albright, acting under a controversial congressional mandate, will formally submit a resolution Friday to the Security Council to lift the ban on arms sales to embattled Bosnia-Herzegovina, a U.S. official said.

The resolution, the official said, would call for an end to the ban in six months. Many U.N. diplomats see little chance of council approval. Some predict that the Clinton administration will never even put the proposal to a vote.

But the American official insisted the sentiment of other Council members had not been fully tested. "We want to see the formal reaction from the other countries," he said. "After we get the responses, we will decide what we will do and when."

Plans for the embargo resolution and a related U.N.-NATO "agreement in principle" on air strikes appear to be the last remnants of the administration's early policy of

advocating "lift and strike" — lift the embargo on selling arms to the Muslim-led Bosnian government while launching air strikes at the Bosnian Serb aggressors.

The "agreement in principle" on air strikes was worked out by negotiators from the United Nations and NATO at U.N. headquarters Thursday. U.N. officials said details would not be announced until the agreement is approved by the North Atlantic Council and secretary-general Boutros Boutros-Ghali.

But it is understood that the two sides agreed that the United Nations would submit three or four proposed targets to NATO planes when Bosnian Serbs violate exclusion zones of Sarajevo and Gorazde or endanger lives of U.N. peacekeepers. It would then be up to NATO pilots to choose one of the targets for attack.

Under pressure from the administration, NATO had said it wanted authority for a "more robust" response to violations — the right to attack strategic targets such as munitions dumps, arms factories

and military headquarters.

But the United Nations, including its military commanders, have long insisted that retaliation must be "proportionate" — wiping out of a tank or artillery piece or other heavy weapon in violation of the exclusion zones. Otherwise, the United Nations said, the Serbs would retaliate against lightly armed peacekeepers.

America's allies have been reluctant to lift the arms embargo, fearing an influx of arms would intensify the fighting and subject peacekeepers, most of whom are French and British, to retaliation. The British and French have said they will withdraw their peacekeepers if the ban is lifted.

The resolution is opposed by Britain, France and Russia — all with veto power. But the veto may not need to be invoked, since most diplomats believe it would not be supported by more than six of the 15 Council members; a resolution needs nine affirmative votes for approval.

# FDA Action on Halcion Challenged

THE WASHINGTON POST

WASHINGTON

Government officials abruptly cut off a 1992 investigation of the Upjohn Corp. and its popular sleeping pill, Halcion, under circumstances that "strongly suggest a high-level FDA coverup," a consumer health group has charged.

The allegations come in a memorandum to the Food and Drug Administration by Sidney M. Wolfe, executive director of the Public Citizen Health Research Group. Wolfe has long opposed the continued sale of Halcion, which has been associated with side effects that include memory loss, depression, anxiety and violent behavior. The drug has been removed from the market in England.

Upjohn spokesperson Kaye Bennett said in an interview that "Wolfe's charges of a coverup are ridiculous. There isn't, and there never has been, anything to cover up about Halcion, either on the part of Upjohn or the FDA."

One of the new documents obtained by Wolfe's group is a March 26, 1993, memorandum from FDA field investigator David M. Erspamer to a supervisor, Kenneth P. Ewing regarding the 1991-92 inspection of Upjohn. In the memo, Erspamer said that on March 17, 1992, "In a conference phone call with (FDA) headquarters personnel, I was told to discontinue the investigation at the firm."

# FTC Hopes to Block Tobacco Firms' Deal

THE WASHINGTON POST

WASHINGTON

In another demonstration of the Clinton administration's toughened antitrust policy, the Federal Trade Commission said Thursday it will go to court to try to block the \$1 billion purchase of American Tobacco Co. by BAT Industries PLC of London.

The FTC said it will seek a court order stopping the purchase because it "could substantially reduce competition in the U.S. market for cigarettes, resulting in anticompetitive pricing."

Between them, the two companies produce about 18 percent of the cigarettes smoked in the United States each year. American Tobacco, a division of American Brands Inc. of Old Greenwich, Conn., produces Lucky Strike, Carlton, Pall Mall and other brands of cigarettes. BAT owns Brown & Williamson Tobacco Corp., whose biggest brand is KOOL.

The Justice Department and the FTC, which share responsibility for antitrust regulation, have stopped some big mergers — including the planned combination of the two television shopping services, Home Shopping Network Inc. and QVC Networks Inc. — and imposed restrictions on others — such as AT&T Corp.'s purchase of McCaw Cellular Communications Inc.

After the FTC announced its opposition to the combination of the two cigarette makers, American Brands and BAT said they will hold off merging for now, but will fight the government in court.

# GAO Shows Postal Service Crippled By Animosity, Labor Relations

THE WASHINGTON POST

WASHINGTON

Sally Whipp Culpepper says she is just the type of employee that the Postal Service needs at its troubled Southern Maryland mail processing plant in Capitol Heights. But Culpepper won't be found on the loading docks of the bulk mail center this week.

She has been suspended for seven days, accused of telling her male supervisor that he was "not man enough" to direct her to a union official and for taking 30 minutes to report for a new assignment at the big mail center. Culpepper, who has worked for the agency for six years, denies both charges, saying they are the products of a dictatorial, male-dominated bureaucracy that cannot tolerate bright, assertive women.

Thursday the General Accounting Office issued a detailed, two-volume report on labor relations in the Postal Service that contains charges similar to many of Culpepper's. In the view of GAO investigators, the federal government's largest civilian agency is crippled by a "dysfunctional organizational culture" that has produced an "us versus them" mentality more dependent on harsh discipline than cooperation to move the nation's mail.

Postal spokesmen played down the GAO report, terming it "a somewhat outdated snapshot in time." "Relations between postal management and its labor unions have never been more cooperative," an agency statement read.

But the GAO found the relations acrimonious and confrontational, the product of "an autocratic management style, adversarial employee and union attitudes." That unrest is best reflected by the 51,827 appealed grievances that workers had on file against their supervisors in 1993, the GAO found.

# Spielberg to Donate Over \$2 Million To Holocaust Museum

THE WASHINGTON POST

WASHINGTON

Moviemaker Steven Spielberg has agreed to donate more than \$2 million to the U.S. Holocaust Memorial Museum for the creation of an archive of film and video related to the Holocaust, spokesmen for the museum and Spielberg's production company said Thursday.

The new facility, to be called the Steven Spielberg Film and Video Archive, will be "the foremost repository for Holocaust-related moving images in the United States," the museum said in a statement. It will be separate from an archive of Jewish films in Jerusalem that also bears Spielberg's name.

"With 'Schindler's List' he has taken millions of people of today and placed them right in the midst of the horror of those days, emotionally," said Miles Lerman, chairman of the U.S. Holocaust Memorial Council and a Holocaust survivor. "This is the opposite," Lerman said, in that the archive will collect "only documentary films, no commercial ones. It will be irrefutable evidence of the crimes — to combat the denials, the revisionists, to prove to them that they are all crazy."

# OPINION

## Letters To The Editor



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## Students Urged to Get Hepatitis B Vaccination

Hepatitis B is a serious, potentially fatal disease, and it is on the upswing in the U.S. It is many more times infectious than HIV, and it is estimated that 1 in 20 persons in the U.S. will become infected with Hepatitis B during their lifetime.

While "Hep B" is incurable, it is preventable via a vaccine and other precautionary measures. The Centers for Disease Control and Prevention will soon release its recommendation urging that all adolescents and young adults be vaccinated against Hepatitis B. The immunization process requires the administration of three doses of vaccine over a 6 to 9 month period, and the procedure is safe and effective.

MIT offers the vaccine at a subsidized cost (\$15/dose), so students have an incentive to get immunized inexpensively while at MIT.

To this end, the MIT Medical Department, MIT MedLINKS, and the Undergraduate Association are sponsoring a Dose 1 Immunization Clinic on Friday, Oct. 28, from noon till 2 p.m. in the Bush Room (Room 10-105). A student ID is a must, but an appointment is not. This step is the first on the course to being "Hep B" free.

We encourage all students, particularly members of the Class of '98 to come in and get the vaccine. It is a prudent decision to make, and it could save a lot of hassle and maybe even your life.

Bobby Wunnava '95, Yvonne R. Chan '95, and Mariah N. Manzanara '95  
*MedLINK Co-Chairs, Hepatitis B Campaign*

## Biased Opinions On Cyprus Issue Bode Ill for Peace

I am writing this letter in response to some heavily biased letters on the ongoing Cyprus issue published in *The Tech* last Friday on Oct. 21 ["Turkish Allegations Are Exercise in Absurdity," "Greek Community Hurt by Turkish Students' Allegations," "Turkey's Cyprus Policy Has Faced UN Condemnation," "Turkish Students Misinterpreted Infinite Corridor Posters"].

The events began with an unjust postering along the Infinite Corridor about the role of the Republic of Turkey in the Cyprus situation. An article was published in the Friday, Oct. 14 issue ["Infinite Corridor Posters Push Fascism for Cyprus"] as a response from the MIT Turkish Students Association to this hostile action. However, the title chosen for this article by *The Tech's* editorial staff did not reflect the main points in the article and was unjust to the other side. This point of view of the MIT Turkish Students Association was reflected by an erratum in last Friday's issue.

It is quite understandable that this delicate subject would create some disagreements among the members of interested communities. However, I do not understand how the four letters which appeared as a response to the Turkish Students Association article could completely fail to reflect the reality of the situation to the MIT community.

The intervention of Turkish Army in 1974 was not a planned event but a sudden necessity as a result of ongoing genocide by terrorist EOKA organization members, supported by the military junta in Greece, against defenseless Turkish Cypriots. Murder scenes of babies, defenseless women, and elderly were shown in the world media by independent international journalists quite openly.

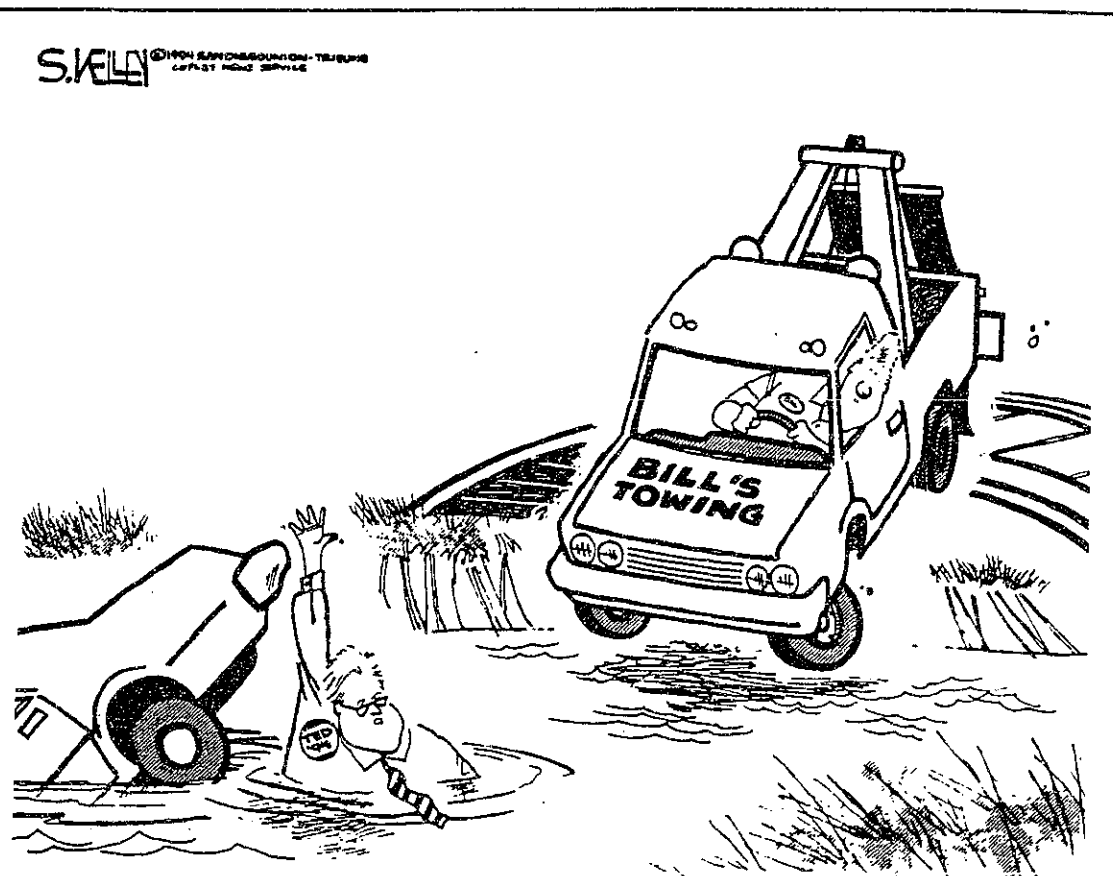
While this was a bloody act of terrorists who happen to be of Greek origin, it is always wrong to associate a handful of terrorists with an entire nation. I believe that terrorism needs to be condemned by every nation and by every individual. Unfortunately, the authors of those articles in *The Tech* did not mention a single sentence on these terrorist murders of defenseless civilians, yet they were quite concerned with displaced Greek Cypriots as a result of the conflict.

It is clear that the objective of EOKA terrorists was to wipe out the Turkish Cypriots from the island and to unify Cyprus with Greece, a concept historically called "enosis." Those authors also failed completely to tell the truth about the right and duty of the Republic of Turkey to defend the lives of Turkish Cypriots. This right and duty was the result of an international treaty (Treaty of Guarantee) between the Republic of Turkey, Greece, and the United Kingdom in 1960. Therefore, it is very unjust to claim that the Republic of Turkey acted arbitrarily on this issue.

I agree that Turkish intervention created many displaced people from the both sides, but I also believe that it prevented many deaths from the both sides, especially from the Turkish Cypriot side. While the terrorist EOKA and the Greek military junta is to blame for these bloody events, not the ordinary citizen from either side, to ignore these facts and to not condemn these terrorists runs contrary to the intellectualism which was claimed by some authors in their articles.

I am frustrated by seeing people claiming to be intellectuals while not condemning bloody terrorists and failing to look at the events from both sides. If these authors represent the intellectuals upon whom the future's peace relies, we are far from achieving that peace in the world, much less Cyprus. However, I still want to believe that objectivity will prevail and that the number of people who desire a real peace will outnumber those who want only a consolidation of territory.

Siddik Sinan Keskin G



## Opinion Policy

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

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

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

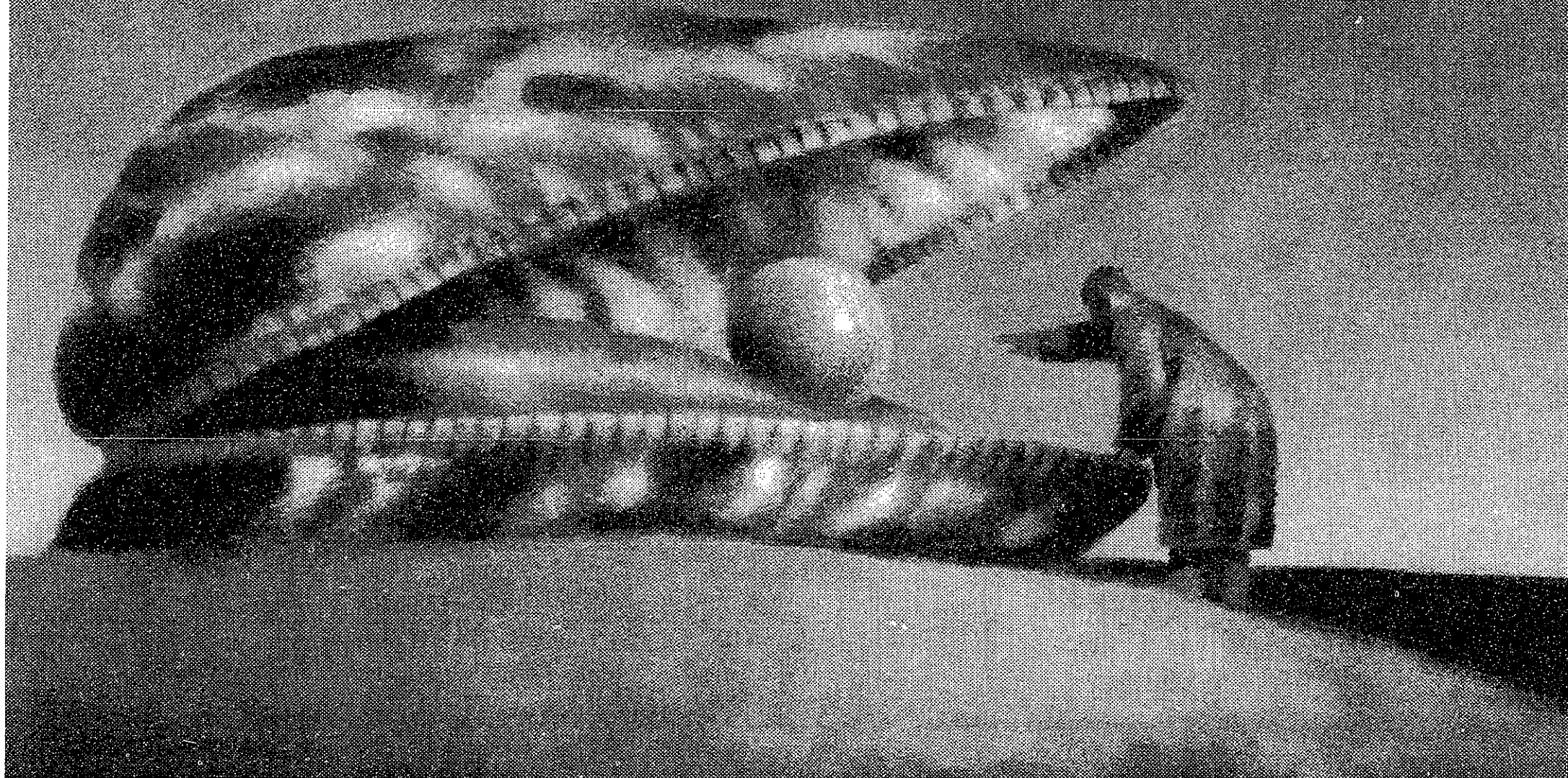
**Letters to the editor** are welcome. They must be typed, double-spaced and addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or by interdepartmental mail to Room W20-483. Electronic submissions in plain text format may be mailed to letters@the-tech.mit.edu. All submissions are due by 4:30 p.m. two days before the date of publication.

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

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*The Tech's* telephone number is (617) 253-1541. Electronic mail is the easiest way to reach any member of our staff. Mail to specific departments may be sent to the following addresses on the Internet: ads@the-tech.mit.edu, news@the-tech.mit.edu, sports@the-tech.mit.edu, arts@the-tech.mit.edu, photo@the-tech.mit.edu, circ@the-tech.mit.edu (circulation department). For other matters, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person.

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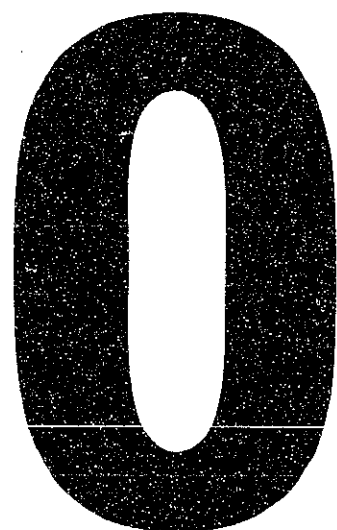
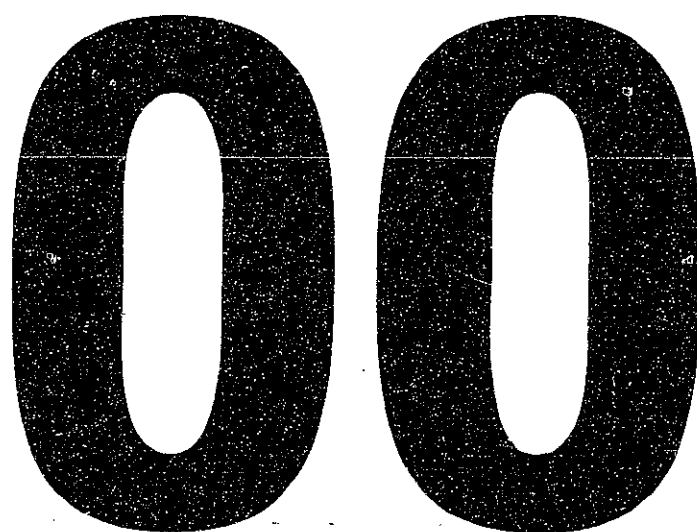
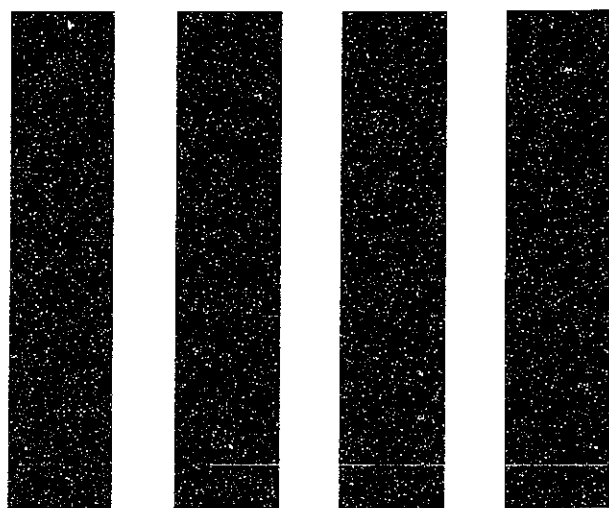
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## THE ARTS

## ON THE SCREEN

— BY THE TECH ARTS STAFF —

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

## ★★½ Exit to Eden

Garry Marshall (*Pretty Woman*) directs this screen adaptation of Anne Rice's novel, which deals with a fantasy sex resort. The principal characters in the book are Dana Delaney's dominatrix and Paul Mercurio's citizen/slave, and their story describes the trust that can develop in a mistress-slave relationship. The film deflects many of the novel's themes through two police officers (Rosie O'Donnell and Dan Aykroyd) who investigate the activities of diamond smugglers that have infiltrated the resort. This comic element provides some minor amusement, but it also confuses the main plot. This film is an interesting cultural study: Cute and friendly, it makes fun of social repressions while allowing the viewer to indulge in one or two of the ubiquitous sex acts. — Teresa Esser. *Loews Cheri*.

## ★★★ Only You

This is an amusing, enjoyable film for people who haven't given up on old-fashioned romance. Exploiting Italy as a romantic locus, this film recalls a film like *Roman Holiday*. Marisa Tomei is Faith, a quirky schoolteacher who takes off to Italy with her best friend on the eve of her wedding. Faith is determined to track down a soul mate named Damon Bradley, a name she obtained from a Ouija board as a child. This far-fetched premise leads her to the land of midnight walks, gondoliers, and opera, where she encounters Peter (Robert Downey, Jr.), who immediately falls for her. The rest of the film unfolds in a similar fashion, although it's not as predictable as you might think. Tomei, in the tradition of Audrey Hepburn and Ava Gardner, is extremely engaging as Faith, and director

Norman Jewison brings a light touch to the American-Italian relations just beneath the film's surface. — Evelyn Kao. *Loews Copley Place*.

## ★★★★ Pulp Fiction

Winner of the *Palm d'Or* at this year's Cannes Film Festival, this movie combines standard plots of hit men, junkies, and criminals, with an amazing facility with storytelling. The plot consists of three principle stories: First, the daily experiences of two hit men (John Travolta and Samuel L. Jackson); second, Travolta's character involved with his gangster boss's wife (Uma Thurman) as an escort; and third, the plans of a boxer, who has been paid off to take a dive in the ring, instead choosing to win the fight and take off with the money and his girlfriend. Although these *film noir* concepts may seem a bit cliché, writer-director Quentin Tarantino infuses his characters with crackling dialogue and a sense of purpose (i.e., Jackson's hit-man character quoting bible verses as a prelude to execution). Tarantino's career may still be young, beginning with the cult hit *Reservoir Dogs* (1992) and recently surfacing in his scripts for *True Romance* and *Natural Born Killers*, but his latest film confirms his mission to shake up the current course of cinema. — Rob Marcato. *Loews Cheri*.

## ★★★★ Quiz Show

The quiz-show scandals of the 1950s forced America to probe the changing face of morality. Robert Redford directs this fresh look at televi-

sion and honesty in an age of illusions and image-making. Excellent performances by Ralph Fiennes and John Turturro, as quiz-show contestants Charles Van Doren and Herbert Stempel, make this reality-based drama worth the contemplation and dissection of ethical issues amid the phoniness of television. — Craig K. Chang. *Loews Copley Place*.

## ★★★★ The Shawshank Redemption

This extraordinary movie about hope, friendship, and renewal in the face of suffering in life is much more heartfelt than its title suggests. Tim Robbins embodies the classic protagonist in Andy Dufresne, a banker who is imprisoned for two murders he swears he did not commit, and he is forced to face the abrasive reality of prison life. He eventually comes out of his shell and cultivates a friend-

ship with Red (Morgan Freeman), whose connections inside the prison provide a neat counterpart to Andy's own talents as a financial planner, which he eventually exploits to get on the good side of the prison guards. Through all of Andy's suffering in prison, he never loses the hope of being free, and this carries both Andy and Red through the tough times. This film transcends its short-story basis (originally written by Stephen King) with excellent performances and artful direction — it has "Oscar" written all over it. — John Jacobs. *Loews Copley Place*.

## ★★½ The Specialist

The latest film in a long line of testosterone-dominated action flicks has a lot more going for it than its plot. It's a movie of moments, whether the scenes marvel at the modern-day sensitivity and chivalry of explosives expert Ray Quick (Sylvester Stallone) or succeed in evoking weak *Basic Instinct*/femme fatale parallels with the female lead May Munro (Sharon Stone). Everyone on camera is ideal — at least physically — with Stone dressed in black and perfectly coiffured for the pivotal explosion scenes and Stallone hardly breaking a sweat in his confrontations with the bad guys. The plot, which concerns Quick being lured out of retirement for some of Munro's personal revenge killings, is secondary to the spectacle of normal action-movie exploits: violence and sex. You can love it, but you don't have to watch it. — TE. *Loews Cheri*.

Samuel L. Jackson, John Travolta, and Harvey Keitel in *Pulp Fiction*.

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## Classical Music

**Bank of Boston Celebrity Series**  
Jordan Hall, New England Conservatory, Boston. Oct. 28, 8 p.m. Admission \$27-33. Information (tickets): 266-2412. Approaching its 30th anniversary, the Guarneri String Quartet — Arnold Steinhardt, violin; John Dalley, second violin; Michael Tree, violin; and David Soyer, cello — bring their world-class musicianship to this Boston performance. The program includes works by Arrighi, Janáček, and Mendelssohn.

**Federal Reserve Bank of Boston**  
Bank Auditorium, 600 Atlantic Ave., Boston (across from South Station). All performances start at 12:30 p.m. Information: 973-3453. Oct. 28: Italian piano duo Andrea Trevisan and Silvia Moretti appear with Russian-American lyric soprano Mary Arapoff in a program of opera arias by Bellini, Puccini, Verdi and Catalani, popular romances, and duo piano music by Ravel and Faure. Nov. 3: Linda Jane Beers, violin, and Yukiko Takagi, piano, will play works by Schubert, Ligeti, and Stravinsky.

**Harvard University Department of Music**  
John Knowles Paine Concert Hall, Harvard University. 1) Oct. 28, 8 p.m. Free admission. Information: 496-6013. The Blodgett Chamber Music Series continues with the Mendelssohn String Quartet — Nick Eanet, violin; Nicholas Mann, violin; Maria Lambros, Kanneln, viola; and Marcy Rosen, cello — and guest artists Laurence Lesser, cello. Program includes the "Last Great Works" by Haydn, Beethoven, Shostakovich, and Schubert. 2) Oct. 29, 8 p.m. Admission: \$7; \$5, students/seniors. Information: 493-3271. The Bach Society Orchestra presents the premier concert of its 40th anniversary season. Program includes works by Beethoven, Ibert, and Wagner.

**Longy School of Music**  
Edward Pickman Concert Hall, 27 Garden St., Cambridge. All events free unless otherwise noted. Information: 876-0956 x130. Oct. 29, 8 p.m.: The Longy Chamber Singers present the Terezenstadt Memorial Concert, with conductor Lorna Cooke deVaron. The evening includes the music of Pavel Haas, Ullmann, Klein, and poems by children in the concentration camp of Terezenstadt, set to music by Robert Convery — Admission: \$5. Oct. 30, 8 p.m.: Longy's Sundays at Seven Series features the Longy Artists Ensemble: Frances Conover Fitch, harpsichord; Laurie Monahan, soprano; Takaaki Masuko, percussion; Dana Mazurkevich, violin; and Ludmilla Lifson, piano. Program includes music of Urban, Martinu; and Beethoven — free admission. Nov. 3-5, 8 p.m.: The Opera Department at Longy presents the pathway of German romantic opera. The music of Strauss, Weil, von Weber, Mozart, and others — Admission: \$10; \$5, students/seniors.

**Harvard-Epworth Methodist Church**  
1555 Massachusetts Ave., Cambridge. Oct. 30, 4 p.m. Donation requested. Information: 354-0837. This concert will commemorate the 100th anniversary of the Hutchings organ. Organist Andrew Paul Holman performs works by Mendelssohn, Gade, Alain, and Rheinberger; Brenda Hendricks, soprano, and Dana Patek, mezzo-soprano, will sing three duets by Gabriel Fauré.

**Emmanuel Music**  
C. Walsh Theatre, Suffolk University, 41 Temple St., Beacon Hill, Boston. Oct. 30, 4 p.m. Admission: \$15; \$10, students/seniors; group discounts available. Information: 536-3356. Brahms Series Concert: Michael Beattie, piano; Bruce Creditor, clarinet; Lydian String Quartet. Program includes Brahms' *Piano Pieces, Op. 116, Sonata in E-Flat Major, Op. 120, No. 2 for Clarinet and Piano, and String Quartet #3 in B-Flat Major, Op. 67*.

**ALEA III at Boston University**  
Tsai Performance Center, 685 Commonwealth Ave., Boston. Nov. 2, 8 p.m. Admission: \$6; \$3, students/seniors; free with BU I.D. Information: 353-3340. The BU Contemporary Music Ensemble will present its second concert of the season, "American Performer/American Composer," with several musicians performing their own recent works.

**MIT Chapel Concert Series**  
MIT Chapel, 77 Massachusetts Ave. Nov. 3, noon. Information: 253-2906. Nov. 3: Barbara Winchester, soprano, and Robert

# On The Town

A weekly guide to the arts in Boston  
October 28 — November 3  
Compiled by Scott Deskin

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

Ward, guitar; performing songs by Seiber, Tarrago, and Child.

### Tufts University, Department of Music

1) 20 Professors Row, Tufts University, Medford. Nov. 3, 4 p.m. Information: 627-3564. Coffee Break Recitals by students and faculty of the Tufts community, held every Thursday through December. 2) Alumnae Lounge, Tufts University. Nov. 3, 8 p.m. Music by Tufts composers.

**Boston Symphony Orchestra**  
Symphony Hall, Boston. Nov. 3-8: Thu., 10:30 a.m. (preceded by a 9:30 a.m. pre-rehearsal talk); Thu., Sat. & Tue., 8 p.m.; Fri., 1:30 p.m. Admission: \$21-59; open rehearsals priced at \$11.50; limited number of Rush tickets, one per customer, sold for Tue., Fri., and Thu. eve concerts at \$7 each. Information: 266-2378. German conductor Heinz Wallberg leads the BSO, along with guest violinist Frank Peter Zimmermann. Program includes: Schubert, *Symphony No. 5*; Mozart, *Violin Concerto No. 3 in G, K.216*; and Beethoven, *Symphony No. 1*.

**MIT Artist-Behind-the-Desk Series**  
Killian Hall, 160 Memorial Dr. Detailed below in the Museums section. All performances start at noon. Information: 253-2826.

## Popular Music

**Kendall Cafe**  
233 Cardinal Medeiros Way, Cambridge. Admission: varies, see below. Information: 661-0993. Each week's will feature local and national artists including contemporary singer-songwriters, unplugged rock acts, blues and traditional folk. This week features Dave's True Story, Michael McNevin, Buddy Mondlock and Ellis Paul.

**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.

Oct. 28: Amongus, Pat the Burning Dog [Upstairs]; Helium [Downstairs, 19+, \$7].

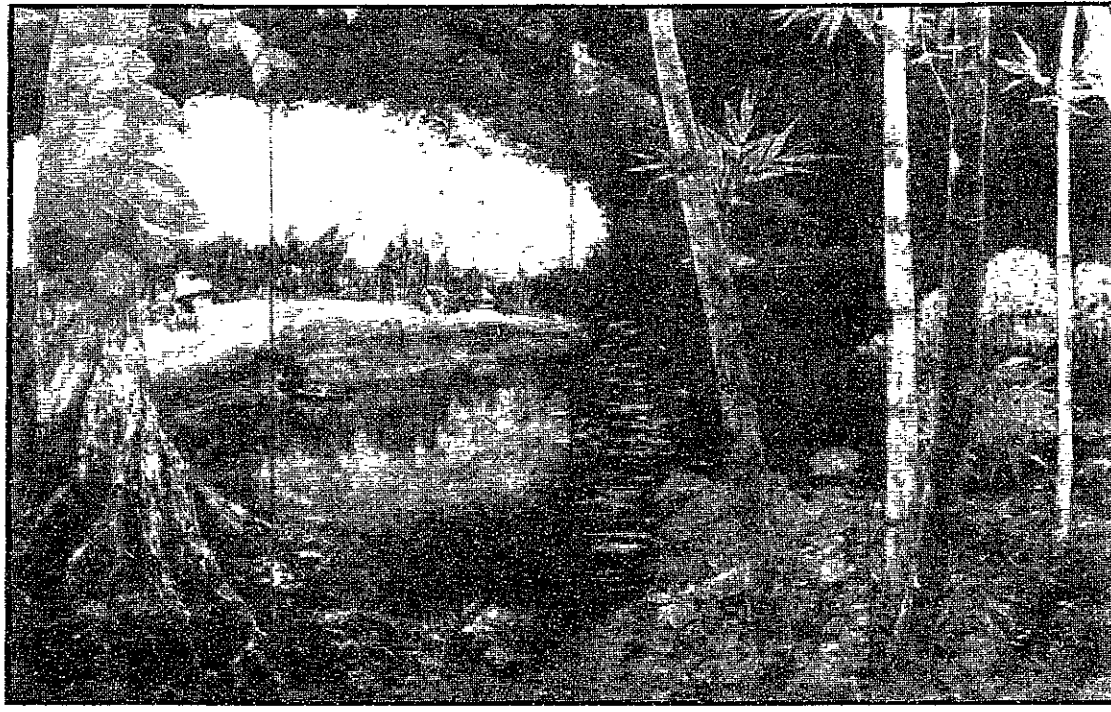
Oct. 29: Slughog (Goodbye Show), Picasso Trigger, Joe Harvard Band, Otis [Up, 19+, \$7]; Sleep Chamber [Down]; WMFO Unplugged w/ Mikey-Dee-The Timmys, Butterscott, The Erotic Aquarium [Bakery].

Oct. 30: Blue Moon Poets [Up, 2-4 p.m.]; Off the Wall Films [Up, 6:45-9:15 p.m., \$5]; Sara Wheeler (CD Release), Chris Trapper, Jim Infantino [Up, 19+, \$5]; Alice Donut, 7 Year Bitch, Cadillac Tramps [Down, 19+, \$7]; Paulo Danay Jazz Jam [Bakery].

Oct. 31: Upside Down Cross, Spore, Shiva Spedway Bunnyhole [Up, 19+, \$6]; Dance into Day of the Dead [Down, 9 p.m., \$5]; Hollywood Squares Halloween Party [Bakery].

## Jazz

**The Mall at Chestnut Hill**  
Route 9 at Hammond Pond Parkway, Chestnut Hill. Live Jazz during weekends in October, 2-4 p.m. Oct. 29: Paul Broadnax, piano/vocals; Alice Johnson, vocals; Peter Kontrimas, bass. Oct. 30: Sherma Andrews, vocals; Orville Wright, piano; Winston Maccow, bass.



"Perfumed River" is a four-panel screen, one piece in the exhibition of contemporary lacquer work by Nguyen Van Mink at the French Library and Cultural Center through Nov. 29.

## World Music

**Jamaica Plain Firehouse Multicultural Art Center**  
659 Centre St., Jamaica Plain. Oct. 28, 8-10 p.m. Admission: \$8. Information: 524-3816. The Firehouse Cafe, open Friday nights, features an eclectic mix of music, words, art, and performance.

## Film

**MIT Japanese Friday Night at the Flicks**  
77 Massachusetts Ave., Rm. 1-390. Oct. 28, 6:30 & 8:45 p.m. Suggested donation: \$1-2. Information: 253-2839. *A Taxing Woman* (Juzo Itami, 1987), followed by *A Taxing Woman's Return*. Both films are in Japanese with English subtitles.

**Gay and Lesbian Film Studies at MIT**  
77 Massachusetts Ave., Rm. 6-120. Nov. 3, 7:30 p.m. Free admission. Information: 253-3599. *Queering the (New) Deal*, by David Lugowski, instructor in Cinema Studies at NYU. Lugowski examines the abundance of characters coded as gay or lesbian in Hollywood films of the 1930s and the effects of the film industry's self-imposed Production Code in changing the nature of these representations.

**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 Engagement.** Oct. 28-Nov. 3: *Dr. Strangelove, or: How I Learned to Stop Worrying and Love the Bomb* (Stanley Kubrick, 1964); 4, 6, 8, 10 p.m.; Sat. & Sun. matinees at 2 p.m.; Tue., Nov. 1 at 8 & 10 p.m. only. This 30th-anniversary of the dark cold-war comedy is Kubrick's breakthrough film that memorably casts Peter Sellers in three different roles. On Halloween (Mon., Oct. 31), people who come dressed as one of Peter Seller's characters get in free.

**French Library and Cultural Center, Ciné Club**  
53 Marlborough St., Boston. Admission: \$5, \$4 for members. Information: 266-4351. All screenings are Fri.-Sat., 8 p.m., or Sun., 7 p.m. The Ciné Club presents a retrospective of the career of French actor Jean Gabin, lasting through December. Oct. 28-30: *Remarques (Stormy Waters)*, Jean Grémillon, 1939-40.

**Harvard-Epworth Film Series**

Harvard-Epworth United Methodist Church, 1555 Massachusetts Ave., Cambridge. Oct. 30, 8 p.m. Admission: \$3. Information: 354-0837. Featured: *The Crimson Kimono* (Samuel Fuller, 1959).

**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.

**Festival of Films from Iran.** Oct. 28: *The Runner* (Amir Naden, 1985); 8 p.m. **Homage to French Animated Film.** Oct. 28: "Innovative Animation Styles," a 68-minute program of 12 new films, featuring *Paris 1789*, *Hamman*, and *Don Quixote*; 5:15 p.m. Oct. 29: *Stories Told by Duos* (various artists), a program consisting of joint efforts like *Dog-Song*, *Snails*, and *Pictures at an Exhibition*; 11 a.m.

## Theater Openings

**"Guys and Dolls"**  
MIT Student Center, 84 Massachusetts Ave., La Sala de Puerto Rico. Oct. 28-Nov. 5: Fri.-Sun., 8 p.m., except Sun., Oct. 30, at 2 p.m. Admission: \$9; \$8, MIT Community/seniors/students; \$6, MIT/Wellesley students. Information: 253-6294. The MIT Musical Theatre Guild presents the classic '50s musical by Frank Loesser.

**"The Tempest"**  
Little Flagg Theatre, 550 Massachusetts Ave., Cambridge. Oct. 27-Nov. 12: Thu.-Sat., 8 p.m.; Sun., Nov. 13 at 2 p.m. Admission: \$12. Information: 576-2800. The Theatre of Relativity presents one of William Shakespeare's most enchanting romances. The production will feature live music, new choreography, and a fusion of New York and Boston theatre artists and technicians.

**"A Little Princess"**  
Whelock Family Theatre, 200 The Riverway, Boston. Oct. 28-Nov. 27: Fri., 7:30 p.m.; Sat.-Sun., 3 p.m. (except Sat., Nov. 19 at 7:30 p.m. only). Admission: \$9-10. Information: 734-4760. The stirring Victorian tale of Sara Crewe, who falls from great wealth and position to poverty in an English boarding school, where she must use her imagination to sustain herself. An original musical version of the story by Frances Hodgson Bunnett, author of *The Secret Garden*. (Ages six and up.)

**"Private Lives"**  
Lyric Stage, 140 Clarendon St., Copley Square, Boston. Oct. 28-Nov. 27: Thu.-Fri., 8 p.m.; Sat., 5 & 8:30 p.m.; Sun., 2 p.m.; Thu., Nov. 17 at 2 p.m. Admission:

\$17-26. Information: 437-7172. Noel Coward's comedy of love and mis-marriage that stems from two divorced couples honeymooning with their new spouses and rooming within the same hotel.

**"The Amphitruo"**  
The Strand Theatre, 543 Columbia Rd., Dorchester. Nov. 2-4: Wed.-Thu., 9:30 a.m.; Thu.-Fri., 8 p.m. Admission: \$5 (morning) and \$10 (evening). Information: 424-6831. Theatre Ludicum and the Strand present Plautus' Roman comic and tragic play about the birth of Hercules.

**"Top Girls"**  
Emerson Stage, Studio Theatre, 69 Brimmer St., Boston. Nov. 2-5, 8 p.m.; Nov. 6, 2 p.m. Admission: \$10; \$7, Pro-Arts Consortium students. Information: 578-8727. This funny and provocative comedy/drama with a twist is directed by Guest Artist, Jayme Koszyn.

**"Bubbe Meises — Bubbe Stories"**  
Spingold Theater, Brandeis University, Waltham. Nov. 2-6: Wed., 2 p.m.; Thu., 10 a.m.; Thu.-Sat., 8 p.m.; Sat.-Sun., 2 p.m.; Sun., 7 p.m. Admission: \$18-20, except for a benefit admission, which includes a pre-show buffet dinner, \$75.

**"Song of the City" and "Bosnia: Portraits of a Shattered Soul"**  
Longfellow Hall, 13 Appian Way, Harvard University, Cambridge. Nov. 4, 8 p.m. Admission: \$10; \$7, students/seniors. Information: 499-9599. The first half of the evening is an epic imagistic poem read by its author, Erica Funkhouser, which explores the life of a city under siege. The second half is a journey to war-torn Bosnia through the evocative, critically-acclaimed pictures (slide projection) by Elizabeth Rappaport, accompanied by the poems of 19-year-old Bosnia, Elma Kahvic.

## Ongoing Theater

**"The Lisbon Traviata"**  
Paramount Penthouse, 58 Berkeley St., Boston. Through Oct. 29: Wed.-Sat., 8 p.m.; Sun. matinees, Oct. 16 & 23, 3 p.m. Admission: \$15; \$10 for students; \$25 for gala opening night on Oct. 8, which includes a champagne reception after the performance. Information: 426-3550. Terrence McNally's "midnight-dark comedy," in which musical highlights infuse a dramatic portrait of passion and jealousy.

**"Intoxicating ... an eco-cabaret"**  
Arlington Center for the Arts, Arlington. Oct. 28-29: Wed.-Sat., 8 p.m. Admission: \$17, general

(day-of-show); \$15 general (advance); \$8, students/seniors. Information: 643-6916. The Underground Railway Theater presents this original satiric comedy about environmental justice and the foibles of modern society.

**"The God of Isaac"**  
Spingold Theater, Brandeis University, Waltham. Through Oct. 30: Tue.-Wed. & Fri.-Sat., 8 p.m.; Sun., 2 & 7 p.m.; Thu., 10 a.m. Admission: \$7-11. Information: 736-3400. The widely-acclaimed comic and big-hearted tale of a young man's struggle with his Jewish identity.

**"The Misanthrope"**  
New Repertory Theatre, 54 Lincoln St. (close to Newton Highlands stop on the Riverside 'D' Green Line), Newton Highlands. Through Oct. 30: Wed., 2 & 7 p.m.; Thur.-Fri., 8 p.m.; Sat., 5 & 8:30 p.m.; Sun., 3 & 7:30 p.m. Admission: \$14-26. Information: 332-1646. A modern-day adaptation of Molière's play, translated and written by Neil Barlett, this comedy shines with wit and bite. Sexual tensions, explosive egos, and dangerous deceptions simmer to a comic boil in an event-filled evening as troubled Alceste vies for the love of beautiful, unattainable Celimene.

**"Bare Essentials"**  
Dance Complex, 536 Massachusetts Ave., Cambridge. Through Nov. 13: Fri.-Sun., 8 p.m. Admission: \$15; group/student/senior discounts available. Information: 497-7070. Actress-comedian-dancer Daena Giardella returns to Boston in her one-woman show which offers a comic and provocative look at the challenge of being human.

**"Pterodactylis"**  
Huntington Theatre Company, 264 Huntington Ave., Boston. Through Nov. 20: Tue.-Sat., 8 p.m.; Sun., Oct. 30 and Nov. 13, 7 p.m.; Sat.-Sun. matinees, 2 p.m.; Wed. matinees, Nov. 2 & 16, 2 p.m. Admission: \$12-39; students/seniors, \$5 off. Information (tickets): 266-0800. This off-Broadway play tells the story of an affluent Main Line Philadelphia family as they face the daily challenge of living in the 1990s. Parental discretion for those under 16 years of age is suggested for this adult comedy.

**"The Proposal"**  
Emmanuel Church Library, 15 Newbury St., Boston. Nov. 4, 6, 13, 18-20; call for showtimes. Also playing for five performances at Pine Manor College, 400 Heath St., Chestnut Hill (Nov. 8-12). Admission: \$6-15. Information: 695-0659. This performance examines the painfully common condition of people who have lost their ability to love through two Russian one-act comedies: Anton Chekov's *The Marriage Proposal* and contemporary dramatist Nina Sadur's *Git Going*.

## Dance

**Dance Umbrella**  
Boston University, Tsai Performance Series, 685 Commonwealth Ave., Boston. Oct. 28-29, 8 p.m. Admission: \$25. Information: 492-7578. "Flying Solo," is a program dedicated to solo works featuring Jimmy Turner, Robert Davidson, and a surprise Boston dance artist. Deaf since birth, Jimmy Turner works with pictures instead of words, and draws from African, Native American, and jazz improv styles during the production.

**Massachusetts College of Art Tower Series**  
621 Huntington Ave., Boston. Oct. 28-29, 8 p.m., and Oct. 30, 2 p.m. Admission: \$15-20; \$12.50 per person for groups of 10 or more. Information: 536-6989. The Impulse Dance Company performs "A Hip Hop over Swan Pond," a modern-day, hip-hop spoof on the classics.

**North Atlantic Ballet**  
Emmanuel Church, 15 Newbury St., Boston. Oct. 28-29: Thu., 7:30 p.m.; Fri.-Sat. 7:30 & 9:30 p.m. Admission: \$13; reservations strongly recommended. Information: 267-5516. North Atlantic Danceart, a division of North Atlantic Ballet, presents its full length production of *Dracula*, which draws inspiration from the Bram Stoker novel but also uses eclectic musical forms and innovative ballet choreography.

**Boston Ballet**  
Wang Center for the Performing Arts, 270 Tremont St., Boston. Through Oct. 30: times vary, call for details. Admission: \$12-62; student rush tickets available a half-hour before showtime for \$12. Information: 695-6950. The

company performs *Giselle*, a passionate story of tender love and cruel betrayal, idealized as the pinnacle of the Romantic Ballet Era, first performed in 1841.

## Comedy

### U.S. Improvisational Theatre League

Lyric Stage, 140 Clarendon St., Copley Square, Boston. Nov. 1, 8:30 p.m. Admission: \$7.50; \$3, students. Information: 864-1344. The highly-acclaimed league will host Boston's first annual College Improv Tournament, in which the finest improvisational talent from local schools compete. Teams of improvisors square off over three periods, just like in hockey; presently, Boston College, Emerson, Harvard, and MIT are represented. The weekly winter series of improv matches will begin Nov. 6.

### 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.

### The Comedy Project

Hong Kong Restaurant, Third Floor, 1236 Massachusetts Ave., Cambridge. Ongoing. Fri.-Sat., 9 p.m. Admission: \$10. Information: 247-1110. "The Big-Time Comedy Project Show"; dinner and dancing available. Featured in October: Mike Bent, appearing in his first one-man show, "Halloween Hijinks."

## Poetry and Prose

### Grolier Poetry Reading Series

Adams House, Entry C, 26 Plympton St., Harvard Square, Cambridge. Nov. 1, 7:30 p.m. Donations requested. Information: 547-4648. Mark Doty, Caroline Knox, Lloyd Schwarz, and Janet Sylvester will read their own and other selections from *The Best American Poetry 1994*. Come prepared for an evening of language, linguistics, and a brush with pornography.

### MIT Artists-Behind-the-Desk Series

Killian Hall, 160 Memorial Dr. Detailed below in the **Museums** section. All performances start at noon. Information: 253-2826.

## Lectures

### An Evening with Lily Tomlin and Jane Wagner

Kresge Auditorium, 84 Massachusetts Ave. Oct. 30, 8 p.m. Admission: \$10, general; \$3 for MIT community members. Tickets may be purchased in advance at the MIT Museum Shop in the MIT Student Center. Information: 258-8410. Comedienne Lily Tomlin and writer/director Jane Wagner, renowned for stage and screen collaborations including the award-winning play *The Search for Signs of Intelligent Life in the Universe*, will discuss aspects of their creative collaborations in response to representatives of MIT's Women's Studies and Theater Arts Programs.

### MIT Architecture Series

77 Massachusetts Ave., Rm. 10-250. Nov. 1, 6:30 p.m. Information: 253-7791. "The Shaker Building Tradition: Design and Legacy," presented by John James, an architect from Sheffield, Mass.

### Harvard Department of Music Colloquium Series

Davison Room, Harvard University Music Building. Oct. 31, 4:15 p.m. Free admission. Information: 496-6013. "Analysis of Analyses: The Theme of Mozart's G Minor Symphony from the Semiotic Standpoint," by Jean-Jacques Nattiez. Université de Montréal.

### Museum of Fine Arts

Remis Auditorium, 465 Huntington Ave., Boston. Free tickets required for admission and are available at the box office one hour before each program. Information: 267-9300 x300. Nov. 2, 6 p.m.: "Egyptian Hieroglyphics: The Art of Language," by Millicent Jick. Nov. 2, 6:30 p.m.: "Introductory Tour of the Galleries in Spanish." Nov. 3, 11 a.m.: "Sweet Dreams: Bedcovers and Bed Clothes from the Collection," by

Marianne Carlano and Nicola Shilliam.

### The Ford Hall Forum

Old South Meeting House, 310 Washington St., Boston. Nov. 3, 7 p.m. (forum members enter at 6 p.m.; general public enters at 6:45 p.m.) Free admission. Information: 373-5800. Legendary Boston Celtics' President Red Auerbach discusses his career in professional basketball and the prospects for his team's future.

## 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. Edger-

### MIT Presents: Artists Behind the Desk

Concerts and readings held at Killian Hall, 160 Memorial Dr. Through Nov. 4: Mon.-Wed. & Fri., 12 noon-1 p.m. Exhibition held at the Compton Gallery, 77 Massachusetts Ave., Building 10. Through Nov. 4: Mon.-Fri., 9 a.m.-5 p.m.; Sat., 12 noon-4 p.m. A juried arts exhibition featuring the work of 22 MIT Support Staff members. The show will include media ranging from oil paintings to sculptures to quilts. In conjunction with the exhibition, concerts and staged readings will be held in Killian Hall during the month of October. The series, dedicated to the memory of former Vice President Constantine B. Simonides '57, aims to heighten the awareness of the MIT community to the talents of the support staff at MIT.

### 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.

"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, co-founded and directed MIT's Visible Language

50 Memorial Dr., Rm. E52-466. Hours: Mon.-Fri., 8 a.m.-5 p.m. Through Nov. 10. Information: Michelle Fiorenza, 253-9455. "Sculptures by Glen Urban." Exhibit of works by the dean of the Sloan School of Management.

### Rotch Library Visual Collections

77 Massachusetts Ave., Rm. 7-304. Information: 253-7098. Through Dec. 16: "Silent History: Images of Israel," by Emily Corbató, photographer.

### Museum of Science

Science Park, Boston. 1) Mugar Omni Theater. Through April 1995: shows hourly most days, call for showtimes. Admission: \$7; \$5, children (3-14)/seniors. Information: 723-2500. Through April 1995: *Africa: The Serengeti* (George Casey, 1994), narrated by James Earl Jones. 2) Charles Hayden Planetarium. Through December 31, 1994: Thu.-Sat., 8:30 p.m. Information: 723-2510. "LaseRage," a new show that presents vivid laser-light visuals with a rich mix of popular rock, including Pearl Jam, Smashing Pumpkins, Red Hot Chili Peppers, and Nine Inch Nails.

### The Computer Museum

300 Congress St., Boston. Hours: Tue.-Sun., 10 a.m.-5 p.m. (closed Mondays). Admission: \$7,

11 a.m.-5 p.m.; Thur. until 7:30 p.m. Information: 451-3605. Through Oct. 29: "Dancing Woman," collage and photography by M.I. Cake; Sculpture by Mary Mead; and "Ordinary Places," paintings by George Hancin.

### Concord Art Association

37 Lexington Rd., Concord. Hours: Tue.-Sat., 11 a.m.-4:30 p.m.; Sun., 2-4:30 p.m.; closed Mondays. Information: 369-2578. Through Oct. 29: "Golden Afternoon," an exhibit of new and recent work.

### Newton Free Library Gallery

330 Homer St., Newton. Information and gallery hours: 552-7145. Through Oct. 30: "Faces," paintings by Miriam Ruchames; and "A Falcon, a Storm, or a Great Song," prints, drawings, and watercolors by Eleanor Rubin. Nov. 2-29: An exhibit of recent works by members of the Newton Art Association; reception held Thu., Nov. 3, 7:30-9 p.m.

### French Library and Cultural Center

53 Marlborough St., Boston. Hours: Tue., 12 noon-8 p.m.; Wed.-Thu., 10 a.m.-8 p.m.; Fri.-Sat., 10 a.m.-5 p.m. Information: 266-4351. Nov. 1-29: An exhibition of contemporary lacquer work by multiple award-winning artist Nguyen Van Minh; reception with the artist held Tue., Nov. 1, 5:30-7:30 p.m.

### 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 Schecter 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.

"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. Through Jan. 1, 1995.

"Sweet Dreams: Bedcovers and Bed Clothes from the Collection." This exhibition of quilts, coverlets, blankets, futon blankets, lingerie and sleeping caps will be drawn primarily from the permanent collection. Asian, Western, Mediterranean, and contemporary designer approaches to the ritual of the bed will be represented. Through Mar. 12, 1995.

"Printed Allegories: Dürer to Picasso." This exhibition will feature prints from the museum's permanent collection from the 16th century to the early 20th century that represent allegorical subjects. Some the greatest prints of all time are allegories, including Dürer's *Knight, Death, and the Devil* and Picasso's *Minotaure-machia*. Through Feb. 12, 1995.

"The Taste for Luxury: English Furniture, Silver, and Ceramics 1690-1790." This exhibition explores the influences of stylistic developments in the decorative arts throughout the eighteenth century and examines stylistic parallels among the different mediums. Masterpieces of English silver and soft-paste porcelain and pieces of English furniture will illustrate the artistic currents of this period. Through July 25, 1995.

### Fuller Museum of Art

455 Oak St., Brockton. Hours: Tue.-Sun., 12 noon-5 p.m. Free admission. Information: 588-6000.

"Artisans in Silver, 1994." A traveling exhibition of over 80 pieces of finely crafted and unique contem-

porary pieces of silver, holloware, and sculpture created by members of the Society of American Silversmiths. Through Oct. 30.

"Brockton Present Tense." An exhibit of paintings of paintings and prints of the city of Brockton by local artist Alvin Ouellet. Vivid colors and unique perspectives give the viewer the opportunity to see real beauty in the urban world of Brockton and sense Ouellet's optimistic view of the city. Through Jan. 29, 1995.

"A is for Architect, B is for Building." A hands-on exhibit for young people which explores architecture, guest-curated by Brockton High School architecture drawing teacher Carol Bright. The exhibit includes a scale drawing of the Fuller Museum of Art on the gallery wall with architectural details and several "activity" stations at which visitors will be able to build their own models and draft their own building plans. Through Jan. 29, 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.

### 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.

"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.

"Gathered at the Wall: American and the Vietnam Veterans Memorial." This exhibit is designed to provide visitors an opportunity to examine the continuing impact of the Memorial on the generation of Americans who lived through the conflict. More than a thousand items have been selected to represent the diversity of the Vietnam Veterans Memorial Collection, and award-winning photographers will further enhance the event with pictures. Oct. 30-June 4, 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

### Day of the Dead Fiesta

Picante Mexican Grill, 735 Massachusetts Ave., Cambridge. Oct. 29-Nov. 2. Information: 576-6744. The autumnal holiday, known as "Dia de Los Muertos," corresponds with the Catholic Church's All Souls Day. The Picante Mexican Grill will celebrate this holiday by buildings an altar to the deceased to which visitors may contribute canned goods that will help the needy. The restaurant will also serve some of its own specialties for the holiday.



Lions and other large cats are featured in the Omni film *Africa: The Serengeti*, open at the Museum of Science's Mugar Omni Theater through April 1995.

ton 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. Ongoing.

"From Louis Sullivan to SOM: Boston Grads Go to Chicago." This exhibit explores the explosive growth of the city of Chicago in the last quarter of the 19th century and the contributions to this building boom by MIT and Boston architects. Through Jan. 29, 1995.

### 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* 3. "Permanent Exhibition of Ship Models." Models which illustrate the evolution of ship design from the 16th century through the 20th century.

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.

"Critical Mass." This project commemorates the 50th anniversary of the detonation of the first atomic bomb by using as its theme the actual story of Edith Warner, whose small restaurant at Otawi Bridge in New Mexico became a meeting place for Manhattan Project scientists and local Navajo Indians. Photographer Meridel Rubenstein, videographers Woody and Steina Vasulka, and writer Ellen Zweig incorporate still photographs, video, sculpture, music, and performance to depict the exhibit's serious focus. Through Dec. 18.

"The Ghost in the Machine." The capabilities of digital image-making challenge our assumptions about photography's role in relation to issues of authenticity and reality, while also revealing how sophisticated new technologies allow artists unprecedented freedom in the creation and manipulation of photographic images. Artists in the exhibition employ conceptual art strategies while maintaining a focus on the human form and human condition in relation to identity and social order. Artists include Anthony Aziz and Sammy Cucher, Keith Cottingham, Yoshinoro Tsuda, Jeff Wall, Michael Weyon and Susan Gamble. Through Dec. 18.

"Roni Horn: Inner Geography." This exhibit comprises drawings and books based directly upon New York artist Roni Horn's experiences in Iceland's preglacial landscape through her frequent visits to that country. Horn incorporates crayon, watercolor, and graphite drawings with literature, photography, and typecasted Icelandic words in her body of work, all of which is on display. Through Dec. 18.

### Sloan School Dean's Gallery

\$5 for students/seniors, free for members and children 4 and under; half-price, Sun. 3-5 p.m. Information: 423-6758 or 426-2800 x310.

"The Computer in the Studio." Visitors can explore the provocative, often unexpected, ways artists use computers as creative tools. This first-time collaboration for The Computer Museum in Boston and the DeCordova Museum and Sculpture Park in Lincoln features 100 pieces by 36 New England artists. Artworks at both museums range from stained glass, mosaic, painting, and sculpture to digital collage, interactive installations, virtual reality and animation. Through Nov. 27.

"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.

### Bromfield Gallery

107 South St., Boston. Hours: Tue.-Fri., 12 noon-5 p.m.; Sat.,

### MACARONI AU FROMAGE

(EAT WITH GUSTO FOR ABOUT 51¢ PER SERVING)

- |                                     |              |
|-------------------------------------|--------------|
| 2 cups macaroni (pinwheels are fun) | 1 cup milk   |
| 1 cup sharp cheddar (grated)        | 3 tbs flour  |
| 1/2 stick butter                    | 1 tsp pepper |
| 1 tsp Worcestershire (if you like)  | 1 tsp salt   |

Cook macaroni in 5 cups salted, boiling water for 15 minutes or until al dente. Drain. In a separate pot, melt butter and mix in flour over low heat. Then, stir in milk until smooth. Add cheese, salt, pepper and Worcestershire. Stir well. Smother macaroni. Serves 4.



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# Former TA Turns Notes into Book

By Eva Moy  
SENIOR EDITOR

When Zohar Z. Karu G was the head teaching assistant for Signals and Systems (6.003) in fall 1992, he wrote review notes for his students before the midterm. Two years later, he has finished writing — and the result is a softbound book.

*Signals and Systems Made Ridiculously Simple* is designed to be both a study guide and a reference for review. "Traditional textbooks in this field often leave the reader to guess what's important and what's not, often losing track of 'the big picture,'" Karu wrote in the preface of the book.

The book "cuts through the unnecessary information and tells students what they need to know," concentrating on explanations rather than problem solving or theory, Karu said.

In addition, the appendix contains "mathematical concepts that professors often view as assumed knowledge, but students can't seem to find written down anywhere," Karu wrote in the preface.

Karu described himself as "always interested in teaching ... finding better ways to teach things," he said.

"He was an extremely effective head TA," said William M. Siebert '46, professor of electrical engineering and computer science, who was the lecturer at the time Karu was head TA. "He got so excited in the learning process ... he wanted to formalize it."

**Book is useful for other classes**

The book covers signal processing and linear system theory.

Although it was written for 6.003 students in mind, Karu suggested that it may also be useful for students taking Introduction to Communication, Control, and Signal Processing (6.011), Discrete-Time Signal Processing (6.341), and Biomedical Signal and Image Processing (6.555J).

Siebert explained that instructors want to "provide a language, a set of metaphors by which you can talk about a set of complex things." Although Karu's book reflects the notation and style of the material covered in 6.003, students should still participate in the review process instead of relying on the notes, he said.

Karu said that he has received support from Siebert and his faculty adviser, professor of EECS Louis D. Braida '69. "I don't think I'm stepping on anybody's shoes" by publishing this book, Karu said.

After a year of writing and additional time of editing and rewriting, Karu's efforts finally paid off. In the week that he sold books in front of Room 34-101, the main EECS lecture hall, Karu sold 250 copies, more than breaking even.

Undergraduates, graduate students taking qualifying exams for their doctoral programs, and professors have all bought copies. "People from around the country have also begun to inquire about the book," he said. Karu hopes to expand his market to other universities.

When one person asked, "What other books does your firm have in this series?" Karu answered, "Well, the firm is me, the book is three weeks old, and this is the only book I've written."

## PART-TIME STUDENT TELEPHONE FUNDRAISERS NEEDED \$8.00/hour

Monday-Thursday 6:00-10:00pm and Sunday 3:00-9:00pm. Students will be required to select a minimum of 8 calling hours each week.

**EMPLOYMENT TERM: Mid-October through mid-December**

The Student Telephone Fundraiser will be responsible for contacting MIT constituents by telephone for the purpose of soliciting support/gifts for MIT's Annual Fund. Students will be contacting both graduate and undergraduate alumni throughout the country by telephone and generating interest in supporting MIT's Annual Fund. Student Callers will be required to schedule and work a minimum of 8 hours each week. Callers will be expected to meet both quality and quantity calling standards of the program. Student callers will participate in an initial training program which will include information about the MIT Annual Fund and how to execute effective telephone fundraising calls. Calling shifts will be held in Building 10-110.

**Minimum Requirements**

Current MIT students. Articulate; excellent telephone communication skills; performance and goal oriented.

**Qualified Candidates:**

Leave message for Marilyn Silverstien at 252-1608

# Reminder

## Monday, October 31, 1994

Is The Last Day For You To Get Your

# 10% Discount

## On Fall Textbook Purchases From The Coop!

**How To Get Your 10% Discount**

- Only Coop Members are eligible.
- Textbooks must have been purchased between August 24 and October 15, 1994.
- Bring your original receipts to The Coop textbook department.
- We will give you a refund of 10% of the receipts in the form used to purchase your textbooks. (If you paid cash, we will give you cash. If you paid by check, we will issue you a check. If you charged your purchases, we will credit your charge account.)



**MONITOR COMPANY**  
**STRATEGY CONSULTING**

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*Amsterdam*

*Cambridge*

*Frankfurt*

Invites MIT students from all majors to meet  
 Monitor Consultants at the

*Johannesburg*

**Society of Women Engineers**

*London*

**Career Fair**

**Saturday, October 29th**

*Los Angeles*

**11am - 4pm**

**DuPont Gym**

*Madrid*

*Milan*

*New York*

*Paris*

*Seoul*

*Tokyo*

*Toronto*

25 FIRST STREET CAMBRIDGE, MASSACHUSETTS 02141



# MIT LIBRARIES

Fall 1994

## Welcome to the MIT Libraries

This guide is intended to introduce you to the wide range of resources, collections, services, and staff available in the MIT Libraries both onsite and over the campus network.

The Institute's major collections are housed in five divisional libraries: Barker Engineering, Science, Dewey (social sciences and management), Rotch (architecture and planning), and Humanities. There are, in addition, a number of branch libraries that specialize in more narrowly defined fields including aeronautics and astronautics, music, earth and planetary sciences, health sciences, and visual materials. Detailed descriptions of these libraries are contained in the *Guide to the MIT Libraries*, a brochure available in all libraries, as well as via MITosis on the Libraries campus network homepage.

The Libraries' staff are eager to assist you with your information needs. Among the services offered, both onsite and over the campus network, are reference and information assistance, interlibrary borrowing, computerized literature searching, photocopying, access to other area libraries, and instruction in library research methods. Tours and seminars are available throughout the year and are posted in the *News* section of MITosis. Information is also available at any reference desk.

As this guide indicates, a growing number of services are now available to you over the campus network. Our goal is to provide as much service and information as possible to you at your workstation. Services such as OWL, FirstSearch, and MITosis allow you to accomplish a large portion of your work from your desktop, thereby making your visits to the Libraries more productive. This coming year we will be installing a new library operations system that will improve productivity and enhance your access to information about materials in the collections.

Your comments and suggestions are always welcome. We hope to see you in our space, both physical and virtual, soon and often.

Jay K. Lucker  
Director of Libraries

## MITosis

MITosis, the MIT Libraries gopher server, is now available to the MIT community and to the Internet world. MITosis provides access to both local and Internet resources using Gopher, a navigating tool used by many universities, government agencies and corporations. The hierarchical menuing capability of the gopher interface provides a logical and easy-to-use framework within which to browse local and remote electronic resources. MITosis menus can also be searched using specific keywords or combinations of words by way of the search feature appearing as the second item on the MITosis Main Menu.

### The MITosis Main Menu

About MITosis - The MIT Libraries Gopher  
Search all MITosis menus  
Network Resources Arranged by Subject  
Electronic Journals Collection  
Electronic Reference Collection  
MIT Library Locations and Hours  
Other MIT Libraries Services  
Barton and Other Online Library Catalogs  
Other Gopher and Information Servers

MIT librarians working in subject teams are continuously adding items of potential interest to the MIT community to the **Network Resources Arranged by Subject** area of MITosis. Here you will find electronic books, electronic manuals, software archives, electronic preprint archives, links to other gophers, and links to other computer systems.

The **Electronic Journals Collection** menu choice leads to a growing collection of e-journals to which the Libraries "subscribe," including one locally produced publication. Presently the list includes *Architronic*, *Electronic Journal of Communication*, *MIT Industrial Relations Library Accessions Bulletin*, *Mini-Annals of Improbable Research*, *Postmodern Culture*, *Psyche* and *Psychology*. The full text of all locally mounted journals can be searched by means of WAIS indexing. Due to arrangements with publishers, access to certain titles is limited to the MIT community.

The **Electronic Reference Collection** menu choice leads to phone and zip code directories, e-mail address directories, electronic dictionaries, thesauri, and handbooks. General information, such as weather forecasts, travel advisories and Internet information, is also offered here.

Information about the MIT Libraries, its hours, locations and services is also available on MITosis. Many of the services described elsewhere in this publication are either offered through or described on MITosis. For instance, you can connect to Barton, the MIT Libraries catalog, or to other library catalogs in the Boston vicinity and around the world. The gopher links to these catalogs through a telnet session, so once you are connected, you are essentially using a remote computer system. For this reason you will encounter a wide variety of user interfaces when searching library catalogs.

### ACCESSING MITOSIS

MITosis is available to Athena and MITVMA/C users, and to Macintosh or DOS/Windows users who have an MITnet connection. You can connect to MITosis using either a gopher client or a World-Wide Web browser such as Mosaic. For information about these network applications and how to get them, contact the Network Help Desk at x3-4101 or <net-help@mit.edu>.

### ACCESS VIA GOPHER

- From Athena, type  
add library  
mitosis

On workstations, the XGopher client will start. If you are dialed in or running your Athena session through a Macintosh or PC, the text-based gopher client will start.

- From Macintosh or DOS/Windows  
There are many gopher clients available for these platforms. All give you the ability to "point" your client at a given address and port. The address for MITosis is

[mitosis.mit.edu](http://mitosis.mit.edu)

and it runs on the default gopher port, 70.

- From MITVMA/C, type  
gopher at the cms Ready prompt. This takes you to the MIT gopher main menu. Use the arrow keys to select **Massachusetts Institute of Technology Libraries — MITosis**. You can also dial into MITVMA/C to access MITosis.

### ACCESS VIA A WEB BROWSER

- From Athena workstation  
Choose **Communication — Mosaic-MIT Home Page** from the Dash menu. Select the *Academics* link, then the *Libraries* link.

- From Macintosh or DOS/Windows - You can get to MITosis from the MIT Home Page under Academics. Another option is to open the MITosis URL directly

[gopher://mitosis.mit.edu:70/](http://gopher://mitosis.mit.edu:70/)

### CONTRIBUTIONS AND FEEDBACK

MIT librarians are constantly on the lookout for MIT-developed databases, documents or bibliographies that would be of use to the MIT community and could be made available via MITosis. If you have a resource that you would like to make available through MITosis, contact Margret Lippert at x3-1293 <lippertm@mit.edu>. The Libraries also welcome suggestions for additions to MITosis, as well as questions and comments; send these to <mitosis-lib@mit.edu>.

### FUTURE DEVELOPMENTS

MIT Libraries are also in the early stages of building a World Wide Web Server. As the year progresses you will find more and more resources offered through the MIT Libraries Web Server. You can get to the MIT Libraries' Home Page through the MIT Home Page

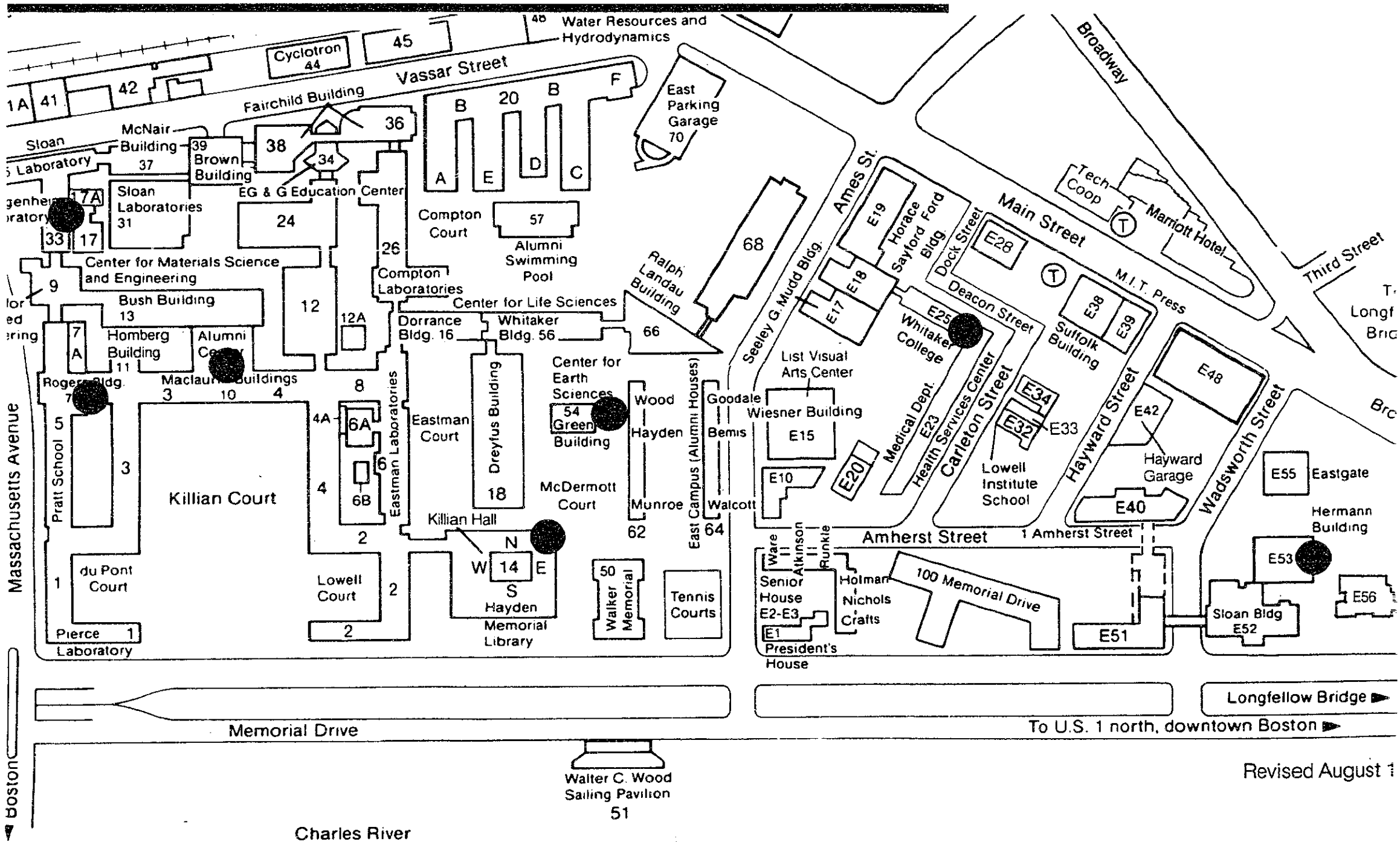
<http://web.mit.edu>

and clicking on **Academics**, then **Library** or access it directly using the URL

<http://nimrod.mit.edu:80/>

# How to Find Help in the MIT Libraries

Subject	Library	Room	Telephone	Librarian	E-Mail
Aeronautics and Astronautics	Aero	33-316	253-5666	Eileen Dorschner	edorsch@mit.edu
Anthropology/Archeology	Humanities	14S-200	253-0787	RaeJean Wiggins	raewig@mit.edu
Architecture	Rotch	7-238	258-5595	Michael Leininger	mjl@mit.edu
Architecture and Planning in Islamic Culture	Rotch	7-238	258-5597	Omar Khalidi	okhalidi@mit.edu
Art	Rotch	7-238	258-5598	Pat Flanagan	patf@mit.edu
Astronomy	Barker Engineering	10-500	253-9367	Suzanne Weiner	stweiner@mit.edu
Biochemistry and Biotechnology	Science	14S-100	253-5666	Eileen Dorschner	edorsch@mit.edu
Biology	Science	14S-100	253-6575	Louisa Worthington	elworthi@mit.edu
Chemistry	Science	14S-100	253-5666	Eileen Dorschner	edorsch@mit.edu
Chemical Engineering	Science	14S-100	253-5648	Chris Sherratt	gcsherra@mit.edu
Civil Engineering	Barker Engineering	10-500	253-9368	Carole Schildhauer	catlady@mit.edu
Computer Science	Barker Engineering	10-500	253-9370	Graham Dawson	gcdawson@mit.edu
Earth and Planetary Sciences	Lindgren	54-200	253-9324	Kathy Keefe	kvkeefe@mit.edu
Economics	Dewey	E53-100	253-0874	Keith Morgan	kamorgan@mit.edu
Education	Humanities	14S-200	253-9349	Jennie Sandberg	jssandbe@mit.edu
Electrical Engineering	Barker Engineering	10-500	253-9370	Graham Dawson	gcdawson@mit.edu
Energy	Science	14S-100	253-6755	Margo Miller	mmmiller@mit.edu
Environment	Barker Engineering	10-500	253-9368	Carole Schildhauer	catlady@mit.edu
Environment	Rotch	7-238	258-5594	Margaret DePopolo	depopolo@mit.edu
Environment	Science	14S-100	253-6755	Margo Miller	mmmiller@mit.edu
History	Humanities	14S-200	253-9352	Paul Vermouth	vermouth@mit.edu
Industrial Relations	Dewey	E53-100	253-0863	Mallory Stark	mallory@mit.edu
Law	Dewey	E53-100	253-0863	Mallory Stark	mallory@mit.edu
Linguistics	Humanities	14S-200	253-5674	Theresa Tobin	tat@mit.edu
Literature	Humanities	14S-200	253-9353	Marlene Manoff	mmanoff@mit.edu
MIT Archives	Institute Archives	14N-118	253-5136	Elizabeth Andrews	landrews@mit.edu
Management	Dewey	E53-100	253-2200	Kate Pittsley	katep@mit.edu
Materials Science	Barker Engineering	10-500	253-9367	Suzanne Weiner	stweiner@mit.edu
Mathematics	Science	14S-100	253-9320	Michael Noga	mnoga@mit.edu
Mechanical Engineering	Barker Engineering	10-500	253-9367	Suzanne Weiner	stweiner@mit.edu
Media Arts	Rotch	7-238	258-5593	Merrill Smith	mwsmith@mit.edu
Medicine	Schering-Plough	E25-131	253-6575	Louisa Worthington	elworthi@mit.edu
Neurosciences	Schering-Plough	E25-131	253-6575	Louisa Worthington	elworthi@mit.edu
Ocean Engineering	Barker Engineering	10-500	253-9364	Carol Robinson	csrobin@mit.edu
Philosophy	Humanities	14S-200	253-9349	Jennie Sandberg	jssandbe@mit.edu
Physics	Barker Engineering	10-500	253-9367	Suzanne Weiner	stweiner@mit.edu
Political Science	Dewey	E53-100	253-1689	Bob Kehner	kehner@mit.edu
Psychology	Humanities	14S-200	253-9348	Jennie Sandberg	jssandbe@mit.edu
Real Estate Development	Rotch	7-238	258-5596	Randy Bairnsfather	bairns@mit.edu
Theater Arts	Humanities	14S-200	253-9353	Marlene Manoff	mmanoff@mit.edu
Transportation	Barker Engineering	10-500	253-9368	Carole Schildhauer	catlady@mit.edu
Urban Planning	Rotch	7-238	258-5594	Margaret DePopolo	depopolo@mit.edu
Visual Collections	RVC	7-304	253-7098	Katherine Poole	kkpoole@mit.edu
Women's and Men's Studies	Humanities	14S-200	253-9353	Marlene Manoff	mmanoff@mit.edu



Revised August 1

Aeronautics and Astronautics	33-316	Lindgren	54-200
Barker Engineering	10-500	Music	14E-109
Dewey	E53-100	Rotch	7-238
Humanities	14S-200	Rotch Visual Collections	7-304
Institute Archives and Special Collections	14N-118	Schering-Plough	E25-131
		Science	14S-100

# Library Services

## RESEARCH ASSISTANCE

Reference librarians trained in the science of information retrieval are available for consultation in each of the MIT Libraries. They can be reached by appointment, by electronic reference through OWL or e-mail, or by stopping at a reference desk between 9 a.m. and 5 p.m. (additional hours are available in the Science Library). See the list of subject specialists in this guide for detailed information.

## LIBRARY INSTRUCTION

The MIT Libraries offers a variety of instructional programs in the use of library resources to support the teaching and research needs of the MIT community. These programs range from individualized one-on-one instruction to course-integrated instruction programs. Librarians are eager to work with faculty to develop library instruction programs that best meet their needs. For more information, contact a reference librarian in the appropriate library.

## RESERVES

Materials are placed on reserve for required assignments. The Barker, Dewey, Rotch, Aeronautics and Astronautics, Lindgren, Music, and Schering-Plough libraries have circulating reserve collections for the departments they serve. A separate Reserve Book Room in Room 14N-132 is maintained for departments served by the Humanities and Science Libraries.

## INTERLIBRARY BORROWING SERVICE (ILB)

The ILB (Room 14S-200, 253-5683) borrows materials or obtains photocopies of materials not owned by the MIT Libraries. The service is available to all MIT faculty, researchers, and students to support their research needs at the Institute.

## BOOKPAGE

Users may telephone the Humanities Reference desk (253-5683) or visit any library reference desk to request that four-week loanable material in one MIT library be delivered to another for more convenient pick-up. If the material is available for loan, it will be delivered within 48 hours.

## THESES

Theses are available for use at any time after their receipt in the Archives although a catalog record may not appear in Barton for several months following their arrival. Barton contains records for all theses dating from 1965 and selected earlier years.

One circulating copy of each new graduate thesis is sent to the appropriate divisional library. Each library has its own policy on long term retention of this copy. Consult Barton to locate copies. Copies (paper or microform) of theses may be purchased from Document Services. Please contact Document Services <docs@mit.edu> or x3-5668 for information on prices and turnaround time.

## USE OF OTHER LIBRARIES

As a member of the Boston Library Consortium, the MIT Libraries have reciprocal access arrangements with Boston College; Boston Public Library; Boston University; Brandeis University; Northeastern University; the Massachusetts State Library; Tufts University; the University of Massachusetts at Amherst, Boston, Lowell, and Dartmouth; the Marine Biological Laboratory-Woods Hole Oceanographic Institution; and Wellesley College. The Libraries also have arrangements with some of the Harvard libraries. MIT faculty may obtain on-site access and/or borrowing privileges at over 160 research libraries participating in the OCLC Reciprocal Faculty Borrowing Program. For more information, consult a reference librarian.

## PHOTOCOPIES

Coin and card-operated copy machines are located in all libraries except Music and the Institute Archives. Copy cards may be purchased by MIT requisition, cash, check, or credit card at Document Services (x3-5668, Room 14-0551, Hayden Library Basement), Monday through Friday, 9 a.m. to 4:45 p.m. Copy cards can also be purchased with cash, or encoded for additional value, from card vending machines at the Hayden, Barker, and Dewey libraries. Cards are sold at the circulation desks in the Rotch and Aeronautics libraries. Copy cards purchased from vending machines or at circulation desks are prevalued for \$5.00 (50 copies). Cards of greater or lesser value can be purchased at Document Services.

## DOCUMENT SERVICES

Copies of materials held by the MIT Libraries can be requested from Document Services (x3-5668, Room 14-0551, Hayden Library Basement), Monday through Friday, 9 a.m. to 4:45 p.m. E-mail requests should be sent to <docs@mit.edu>. There is a fee for this service. Please contact Document Services for information on prices, copyright restrictions, and turnaround time.

## SUGGESTED PURCHASES

MIT Libraries welcome suggestions for purchase of materials. *Suggested Purchases* forms are available in each library.

## SERVICES FOR THE PHYSICALLY CHALLENGED

The Libraries' staff will make every effort to facilitate use of the collections for handicapped users. All the libraries have wheelchair accessible computers; ask at any circulation desk for personal assistance in using the collections. For more information, or to arrange for an orientation to the Library System, call Peter Munstedt, 253-5636 or contact him at <pmunsted@mit.edu>. The brochures *Access to MIT: A Guide to Facilities for the Handicapped* and *Services for the Disabled Student* are available in all MIT Libraries.

# Electronic Access to Information

## ASK OWL

OWL is Online with Libraries, a service of the MIT Libraries that offers online reference assistance to anyone with an Athena account. Ask a reference question at any hour. OWL is especially effective when you need information about library services, facilities, and collections, quick factual or directory information, or verification of bibliographic references.

If a member of the reference staff is logged in and reading questions when you ask yours, the answering process will be inter-active, using Athena's "zephyr" message service to notify you of the librarian's answer. If there is no librarian online, you can exit OWL and go back to your other work, even logout. You'll receive an answer via e-mail, usually within twenty-four hours. To start up OWL, login to Athena and type:

```
add library
owl
```

You'll see the Libraries' welcome message. To ask a librarian a question, type:

```
ask
```

You'll be asked to choose a topic from a list corresponding to the collection areas of the MIT Libraries. If your question doesn't match any of the topic categories, choose the one that seems closest, or the "general" topic. We'll make sure you get an answer. To exit the service, type:

```
quit
```

For a list of all available commands, type:

```
help
```

## CD-ROMS

Computerized versions of almost any print index or abstract are usually more current and can be searched quickly and efficiently. Each library unit has a selection of databases in its subject areas available on CD; library users may search these directly. The Libraries also offer access to a number of popular databases on Athena (see section on FirstSearch for more information).

## DATABASE SEARCHES

In addition to the databases available for you to search, the reference staff has access to hundreds of databases in all fields. If you are not finding the information you need, please ask for help. We may be able to help you refine your search strategy, or recommend another, more appropriate database. Very short or quick searches are available free of charge for members of the MIT community at any reference desk. More complex, customized online research is available for a fee through the Computerized Literature Search Service, x3-7746.

## ONLINE CATALOGS

Barton, the MIT Libraries' online catalog, can be accessed by dial-in or via the Internet. CD-Barton, the CD-ROM version, is available at public terminals in the Libraries. Built on the Barton database, it provides expanded indexing, Boolean operators, and improved downloading and printing.

## Dial-In Access

### Outside MIT

Terminal type: VT100

Communications:

8 data bits 1 stop bit  
no parity full duplex

Telephone number:

617-258-7000  
V.32 and V.32 bis modems  
operating at 9600 or 14,400  
baud can use

617-258-7096

Upon connection, a "pasta prompt" appears:  
ZITI.MIT.EDU>

type **library** to connect to Barton. When the connection shows 'Open', press **Enter**. Barton will appear.

### Inside MIT

using digital (5ESS)  
telephones:

at CMD: prompt, type  
set mode dx25

at next CMD:, type  
d 7007000

## Network Access

### From an Athena (X-Windows) Workstation

If you have an Athena account, type **add library** at the athena% prompt, and **library** at the next prompt, or choose Libraries from the Special menu of Dash. A menu of library services appears, including Barton.

if you have no account or prefer not to log on, choose Library Access from the Other Options menu on the initial welcome screen. A menu of library services appears.

### Telnet Access

Use the command **telnet library.mit.edu**. Note the instructions on the introduction screen. Choose Barton or another catalog and proceed with your search.

# Networked Resources

Athena accounts are available to all MIT Students, Faculty, and On-Campus Staff. Students and Faculty may register at any Athena Workstation by selecting Register for an Account on the login screen. Staff must first contact Athena User Accounts Office, (11-124H), x3-1325, <accounts@mit.edu>.

For questions about Athena accounts, contact x3-1325, <accounts@mit.edu>; for other questions about Athena, call the Athena Consultants, x3-4435, or use olc; for questions about Athena documentation, contact x3-5150, <sendpubs@mit.edu>.

## FIRSTSEARCH

FirstSearch, a collection of databases from the Online Computer Library Center (OCLC), provides references from books, journal articles, business directories, etc., in subjects ranging from the arts to science and technology.

## Databases Available on FirstSearch

Symbol for MIT is MYG

**ABI/INFORM**—Covers nearly every aspect of business, including company histories and new product development. Citations include abstracts and indexes of significant articles from nearly 1,000 current business and management periodicals, 1971+

**Applied Science & Technology Index (ApplSciIndex)**—Indexes more than 350 of the key, international English-language periodicals in the applied sciences and technology, 1983+

**ArtIndex**—Leading publications in the world of the arts, 1984+

**ArticleFirst**—Indexes the articles listed on the contents page for more than 11,000 journals in science, technology, medicine, social science, business, humanities and popular culture. Search by subject or author, 1990+. You can make interlibrary borrowing requests directly from this database.

**BIOSIS/FS**—Information on recent developments in biological and biomedical sciences, derived from journals portion of BIOSIS Previews, current year and three previous years

**ERIC**—700,000 annotated references to non-journal articles issued in Resources in Education (RIE) and to journal articles issued in Current Index to Journals in Education (CIJE), 1966+

**GenSciIndex**—Leading general science periodicals, 1984+

**GPO**—335,000 records for U.S. government documents, July 1976+

**Humanities Index**—Citations to articles in important humanities journals, 1984+

**INSPEC**—Produced by the Institution of Electrical Engineers (IEE), is the world's largest and most comprehensive source of published reference literature in physics, electrical and control engineering, electronics, and computing, 1987+

**MEDLINE**—Indexes 3,500+ medical journals published internationally; most records include abstracts, 1986+

**MLA**—Modern Language Association of America index on literature, languages, linguistics, and folklore, 1963+

**NewsAbs**—Records describing significant items from 25 newspapers, including the New York Times, USA Today, Boston Globe, San Francisco Chronicle, and Wall Street Journal, 1989+

**PAIS Decade**—Represents the last ten years of the PAIS (Public Affairs Information Service) database. Topics covered include business, government, international relations, banking, environment, health, social sciences, demographics, law and legislation, political science, public administration, finance, education and statistics, covers most recent ten years

**ReadersGuide**—Citations to articles in popular periodicals, 1983+

**ReadGuideAbs**—Same as above with summaries, 1983+

**Social Sciences Index**—Citations cover business, politics, foreign affairs, anthropology, community health and medical care, economics, geography, international relations, law and criminology, political science, psychiatry & psychology, social work, public welfare and sociology, 1983+

**WorldCat**—Contains more than 30 million records describing items on thousands of subjects published since about 1000. Types of publications include: books, computer data files, computer programs, films, journals, magazines, manuscripts, maps, musical scores, newspapers, slides, sound recordings and video tapes.

When you have found the item you need and determined that MIT does not own it, use the *Order* command, and choose *Interlibrary Loan*. Commercial document delivery is available in many databases. Look for *Order* command in the action line.

**FirstSearch** is provided online by the MIT Libraries for the MIT community members only, and is available 23 hours per day, seven days per week, "down" hour is 2 a.m.-3 a.m. To connect to FirstSearch, use the following commands:

```
athena%      add library
athena%      tfirst
exit commands x, bye
```

For questions about FirstSearch, contact Mary Pensyl, x3-7754, mepensyl@mit.edu.

## HISTORY OF SCIENCE AND TECHNOLOGY

A bibliography for the history of science and technology which describes journal articles from over 600 titles, conference proceedings, books, book reviews, and dissertations. For access consult with the Humanities Library reference staff.

## BOSTON LIBRARY CONSORTIUM GATEWAY

Accessible through the Other Library Catalogs section of MITosis, and provides information about journal holdings of the BLC, some 80,000 titles. This

gateway also provides access to **UnCover**, an index of over 1 million journal articles from over 16,000 different journals published since 1968. UnCover can be searched by author, keyword, or table of contents for specific journal titles. UnCover also offers a fee-based document delivery service.

## EVERY INDEX TO ARCHITECTURAL PERIODICALS

An index to over 1,000 international periodicals published since 1977 in the fields of archeology, architecture, architectural design, city planning, furniture and decoration, historic preservation, history of architecture, interior design, landscape architecture, and urban planning. For access consult with Rotch Library staff or see Willow section.

## WILLOW

Is an easy-to-use, mouse-driven user interface for searching online bibliographic databases. It is available on Athena workstations and currently offers access to Medline and the Elsevier Materials Science Journals database. The Elsevier database provides images of journal articles. Work is underway for the addition of other databases. Powerful search capability, good online help, and print/E-mail functions make Willow an attractive choice over other access to databases. Willow was developed at the University of Washington and adapted to the MIT environment by Information Systems and Library Systems staff. Comments and suggestions are welcome as we plan Willow's development at MIT <nut-lib@mit.edu>. To access Willow from an athena account:

```
athena%      add library
athena%      willow
```

Select the desired database from the pull-down database menu.

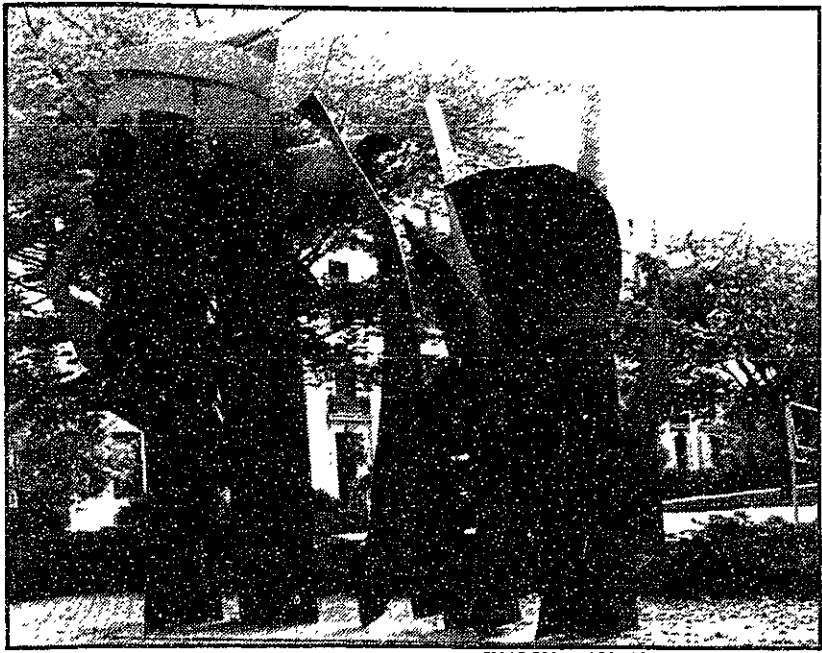
# Fall and Spring Term Hours

September 7 - December 21, 1994 and February 6 - May 25, 1995

<b>Administrative Offices</b>	14S-216	<b>Lindgren Library</b>	54-200
Mon-Fri	9-5	Mon-Thu	9-9
Sat-Sun	closed	Fri	9-7
		Sat	11-6
		Sun	1-10
<b>Aeronautics and Astronautics Library</b>	33-316	<b>Music Library</b>	14E-109
Mon-Fri	8:30-6	Mon-Thu	8:30-10
Sat	11-6	Fri	8:30-7
Sun	1-5	Sat	11-6
		Sun	1-10
<b>Barker Engineering Library</b>	10-500	<b>Reserve Book Room</b>	14N-132
Mon-Thu	8:30-11	Mon-Thu	8:30-11
Fri	8:30-7	Fri	8:30-7
Sat	11-6	Sat	11-6
Sun	1-11	Sun	1-11
<b>Computerized Literature Search Service</b>	14S-M48	<b>RetroSpective Collection</b>	N57
Mon-Fri	9-5	Mon-Fri	9-5
Sat-Sun	closed	Sat-Sun	closed
<b>Dewey Library</b>	E53-100	<b>Rotch Library</b>	7-238
Mon-Thu	8:30-11	Mon-Thu	8:30-10
Fri	8:30-7	Fri	8:30-7
Sat	11-6	Sat	11-6
Sun	1-11	Sun	2-10
<b>Document Services</b>	14-0551	<b>Rotch Visual Collections</b>	7-30
Mon-Fri	9-5	Mon-Fri	8:30-6
Sat-Sun	closed	Sat-Sun	closed
<b>* Humanities Library</b>	14S-200	<b>Schering-Plough Library</b>	E25-131
Mon-Thu	8-12	Mon-Fri	9-6
Fri-Sat	8-8	Sat-Sun	closed
Sun	noon-12	<b>* Science Library</b>	14S-100
<b>Institute Archives and Special Collections</b>	14N-118	Mon-Thu	8-12
Mon-Fri	9-5	Fri-Sat	8-8
Sat-Sun	closed	Sun	noon-12

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SHARON N. YOUNG PONG — THE TECH

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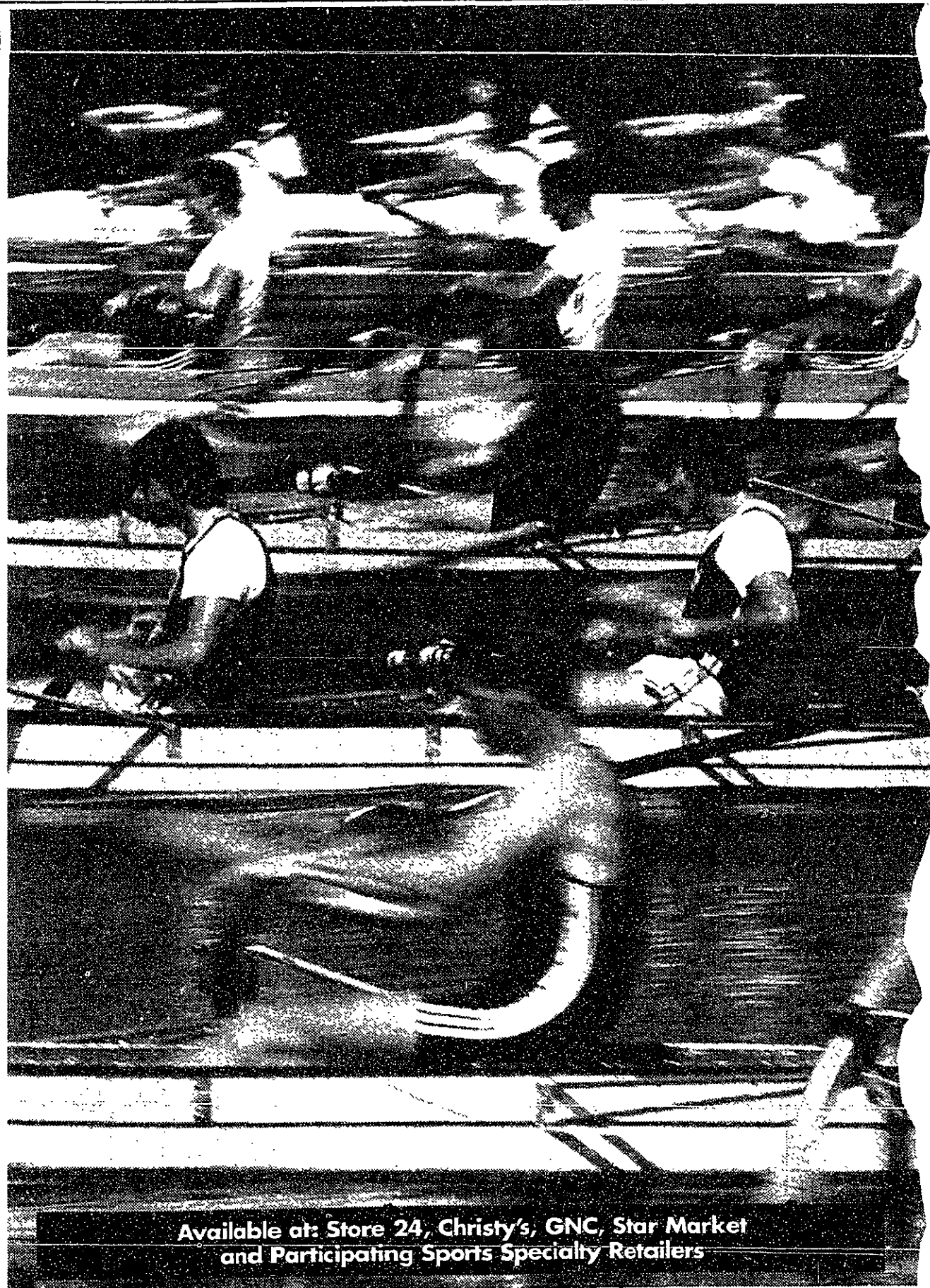
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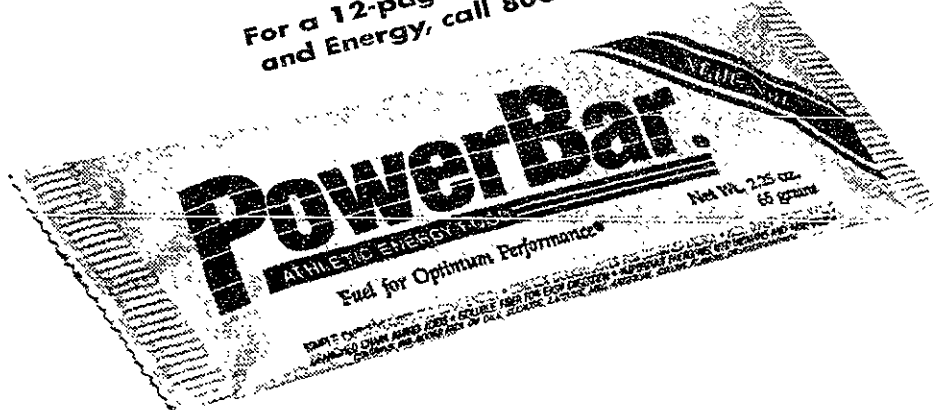
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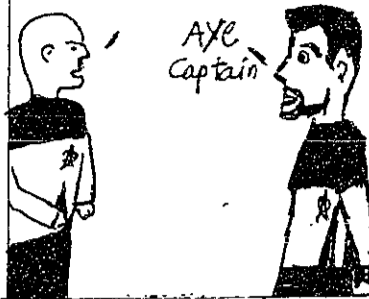
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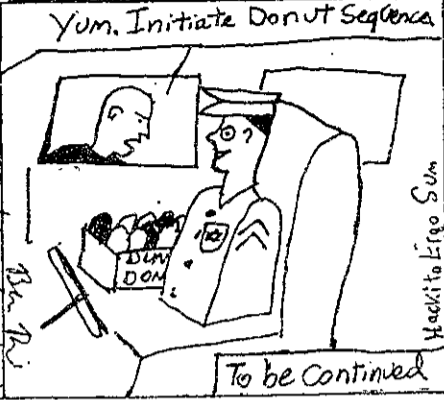
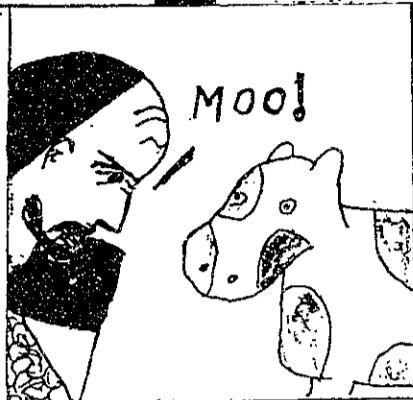
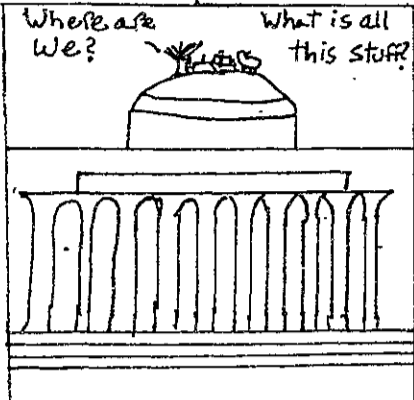
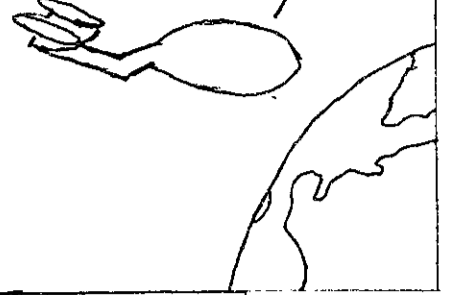
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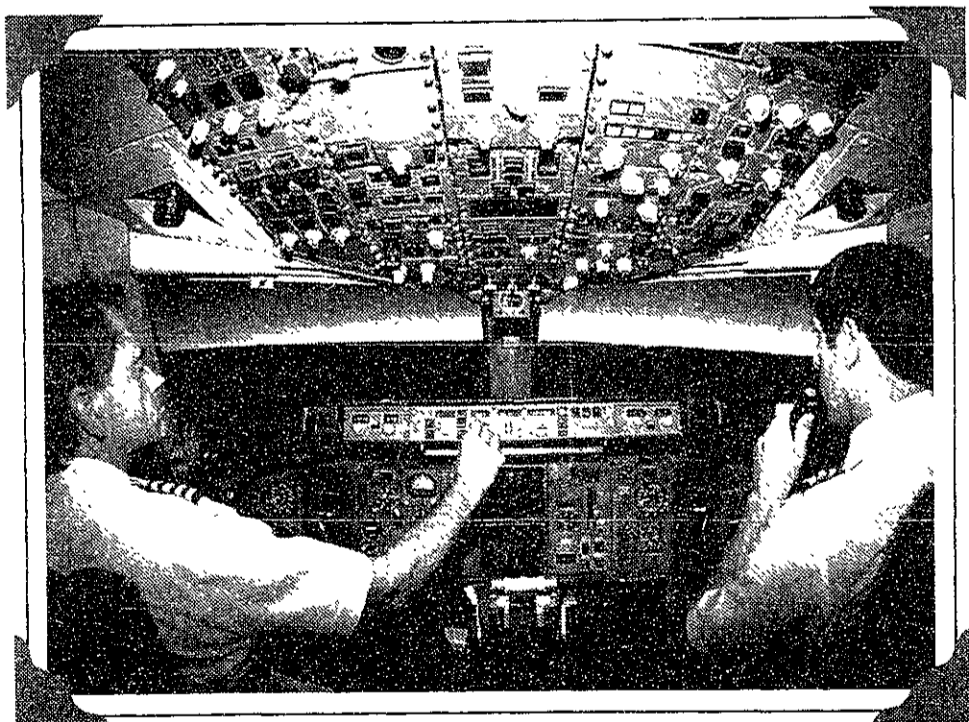


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# Seniors Think Pace, Pressure Helpful

Survey, from Page 1

rated the pace and pressure of MIT as high. Fifty percent said that the pressure was good for them.

High sources of pressure included trying to maintain a high grade point average and living up to faculty and subject demands. Seventy-one percent of the students responded that their pressure was self-imposed to a great extent. Fewer than 30 percent said peer pressure and competition were a source of pressure.

Within their major, students were most satisfied with academic computing resources, opportunities for doing research, intellectual excitement, and their department's undergraduate academic office.

Students were least satisfied with the quality of advising, personal contact with instructors, availability of tutoring and other help, and opportunities for class discussion.

Students felt that their MIT education improved their problem-solving skills, intellectual curiosity, ability to work in a team, and design skills. Knowledge of social and political issues were the least improved skills.

## Dissatisfaction with first year

Only 30 percent of seniors were satisfied with the main aspects of their freshman year, such as the quality of instruction, enjoyment of subjects, intellectual excitement of subjects, and the quality of freshman advising.

## Students Approve of R/O Week

Housing, from Page 1

graduate Advisory Service to help handle student complaints.

Many respondents noted a need for repairs in Random Hall, Baker House, and Senior House, and students in Huntington Hall complained that they felt isolated and removed from campus life.

In response to these issues, the committee recommended that MIT keep future class sizes constant and eventually build a new dormitory to avoid future overcrowding and that Baker, Random, and Senior House be renovated. The report also suggested that MIT either discontinue its lease of sections of Huntington Hall or provide a scheduled shuttle to the dormitory, especially in the morning.

Also, the placement and durability of the card readers which have been installed in most of MIT's dormitories concerned many respondents.

## Students approve of R/O

Hollywood said that the recommendation that the committee felt most strongly about was that the time of R/O and rush not be changed from the beginning of freshman year — over 85 percent of students surveyed approve of the current system.

This conflicts with a proposal made several years ago by the Freshman Housing Committee to move rush to IAP, he said.

Another proposal made regarding R/O was to revise the current IFC badmouthing rules. Many want to see more "objective information" about R/O, and 50.7 percent want the rule repealed, though this number might be lower due to bias, the report said.

The committee recommended a compromise where living group members could truthfully answer questions from freshmen, but would not be allowed to initiate negative comments about other living groups.

Fewer than 20 percent were satisfied with opportunities for class discussion and personal contact with instructors outside the classroom freshman year.

"I cannot take a whole lot of comfort in seniors' recollection of freshman year," said Travis R. Merritt, dean for undergraduate academic affairs.

Both Merritt and Arthur C. Smith, dean for undergraduate education and student affairs, said that the dissatisfaction with freshman year is an issue that needs to be looked at in more detail.

"One suggestion was to have a sophomore survey to focus on dissatisfaction in freshman year," Smith said. Still, it is too early to tell what actions will result from the survey or how or when they will be carried out, Smith said.

"I hope the results of the survey will energize departments and the institution as whole to talk to students a lot more," Smith said. "The real question is: Now we have the data, what are we going to do with it."

"I hope we will get a lot of students and faculty reaction to the survey that will help us know where to go next," Smith said.

## AN ANNOUNCEMENT

Bose Foundation is sponsoring a full one-year fellowship for a first-year graduate student in electrical engineering and computer science at MIT.

The fellowship is for the full amount of tuition for the fall and spring terms (1995-1996) plus a stipend competitive with that received by research assistants. (Based on current tuition, this is approximately \$34,000.)

Nomination for the fellowship will be by faculty recommendation or by direct application by the student.

For more information, contact the Graduate Office or write: Heather Sweeney, Bose Foundation, The Mountain, Framingham, MA 01701-9168. Deadline for application: February 17, 1995.

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Students sign up for ice skating during the second quarter registration for physical education classes held last night in Rockwell Cage. CAROL C. CHEUNG — THE TECH

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# Cogen Plant Slated for 1995

Construction, from Page 1

About 30 percent of graduate students live on campus, including graduate resident tutors, said Graduate Housing Office Manager Linda L. Patton.

The committee is looking at the possibility of increasing this number to 50 percent, said Margaret A. Jablonski, associate dean for residence and campus activities.

The area between Sidney Street and the railroad tracks is one possible site for new graduate housing, according to Simha.

But construction at this site would not actually begin for another three years, Randolph said.

There are no immediate plans to increase the amount of undergraduate housing, but many of the dormitories are considered for renovation, Jablonski said. The recently released Housing and Residence and Orientation Week report, prepared by an Undergraduate Association committee, recommended renovations in Baker House, Random Hall, and Senior House.

"We are trying to educate ourselves about what MIT has done in the past to meet its housing needs, such as renting buildings and the contributions of fraternities and sororities," Randolph said. "We are also looking to see what is available to meet the housing needs in the years to come and to anticipate any problems before they arise," he said.

The athletic facilities on west campus may also be renovated, Simha said. "Some of our existing facilities are old World War II aircraft hangers, woefully inadequate to meet the needs of our population," Simha said in a Planning Office videotape, "MIT in Cambridge, Past, Present and Future."

"The new facilities will likely be built in stages as funds can be raised," Simha said.

## Cogen plant to start in 1995

The cogeneration plant under construction on Vassar Street near Building 42 is expected to begin operation in spring 1995, according to Simha. He added that the surrounding street surfaces have been damaged by the construction and will need to be repaired.

"When MIT moved to Cambridge in 1916, it was originally designed to generate its own electricity and steam," Simha said. At that time, it was less expensive to buy the electricity and steam, but now it is less expensive to produce it, he said.

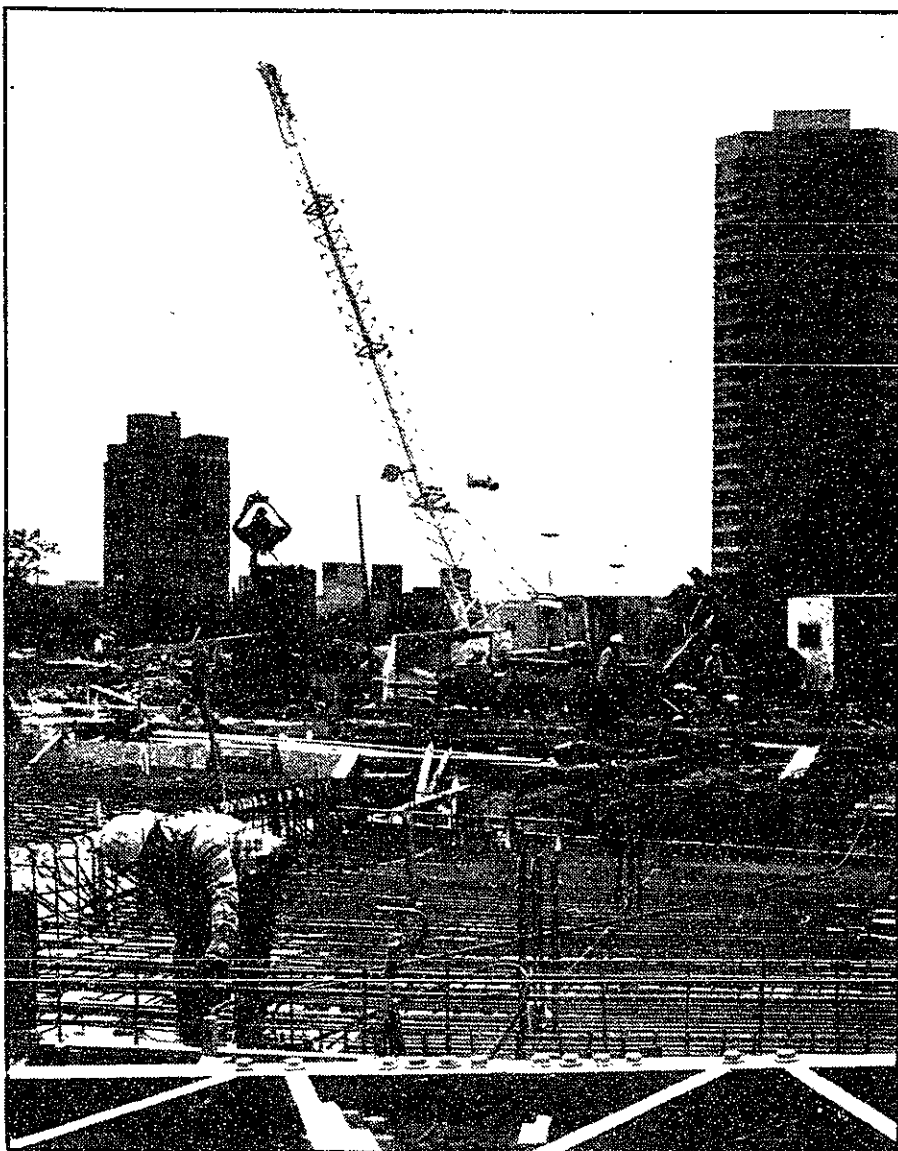
Another project already underway is the consolidation of MIT's parking facilities into new garages. The former commercial garage at 310 Massachusetts Ave. is currently being renovated to house Safe Ride vans and Physical Plant vehicles, Simha said. The new garages will free the western portion of Vassar Street, which is the site of several parking lots, for other uses such as housing, Simha said.

The Institute continues to landscape areas on and around campus. One example is the new garden that is being installed north of Building 56, Simha said.

Landscaping is also planned on Carleton Street, Hayward Street, Amherst Street, and Vassar Street west of Massachusetts Avenue, Simha said. This is in accordance with an agreement MIT made with Cambridge last year. The Institute donated land to the Cambridge and Somerville Program for Alcohol Rehabilitation shelter in return for the lease to portions of these streets.

Also, bicycle lanes will be added on Vassar Street, Simha said.

MIT has recently completed work on 640 Memorial Dr., west of Next House, which is leased to corporations and light industries, Simha said.



New House under construction in 1974.

# Some Cross Register For Change of Pace

Cross-Register, from Page 1

students can experience a different learning environment. Heitman said, Wellesley "is a beautiful campus to visit, and it can be interesting to meet and study with non-MIT students."

Class at Harvard is "harder than I thought it would be, because it is a lot of memorization," said Krista L. Tibbs '95, who is taking Greek to fulfill her Medieval Studies concentration requirement. "Here we can logic the answer; there you just have to know it."

"The advantages are getting to see the very different academic environment at Harvard. They take their humanities classes very seriously," Milner said.

"I take a nice break from MIT three times per week," said George N. Monokroussos '94, who is taking Harvard classes. "Plus, it can't hurt to experience another university, especially if it's one like Harvard." He is taking two Harvard graduate classes: Probability Theory (Statistics 210) and Game Theory (Economics 2052).

## Scheduling can be a problem

Despite the advantages, students have noted some difficulties with taking classes at Harvard and

Wellesley. Coordinating the MIT and Harvard schedules is a common problem, especially with travel time included. The schools also have different calendars, and the final exams are scheduled at different times — Harvard has final exams in January.

"Getting away from MIT for a few hours is great. The only difficulty I can see in the program is getting it to fit your schedule," Sable said.

"One disadvantage is that I don't know many people there since I'm not part of the Harvard community," Monokroussos said.

All full-time MIT degree candidates are eligible for the program. But they cannot take more than two regular or one intensive Harvard subject each term. Credit earned during cross registration is equivalent to regular MIT credit.

Freshmen receive pass/no record grades for both cross registration programs; sophomores, juniors, and seniors receive their actual letter grades.

Students taking third- or fourth-level foreign language subjects at Harvard or Wellesley can count the subject as the HASS-D language option, with the submission of a petition. Students can also petition

Cross-Register Page 18

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## Students Can Petition To Receive HASS Credit

**Cross-Register**, from Page 17

for the classes to count as their HASS electives. Upon the approval from one's major department, the classes can count toward the credit for one's major.

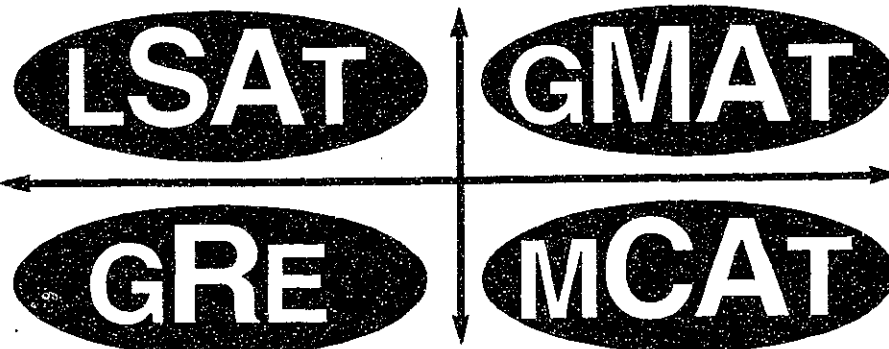
Davis strongly recommends the cross registration program. "I think it's an advantage to be able to take subjects not offered here. Students can also take courses with well-known Harvard professors in certain

fields," Davis said.

The Harvard course catalog is accessible over the Athena Computing Environment, and can be accessed by typing in add gopher and then xgopher, Davis said.

There is also a cross-registration program between Harvard and MIT for graduate students, handled by Assistant to the Registrar Lisa Marie Rung. Information for this program can be obtained from the Registrar's Office.

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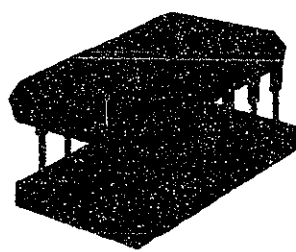
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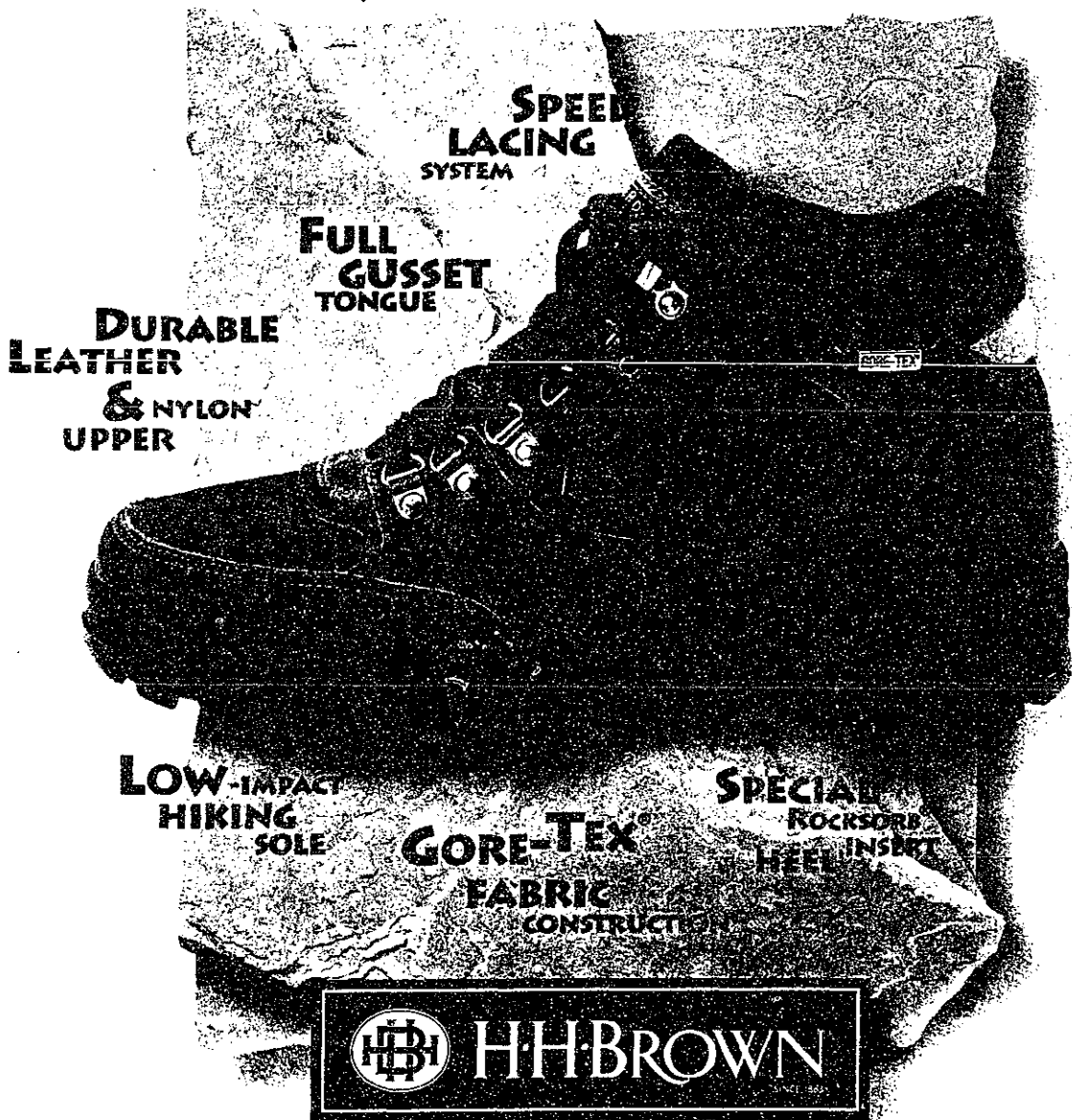
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SHARON N. YOUNG PONG — THE TECH

The Hot Box Girls perform a dance number during the Musical Theater Guild's performance of *Guys and Dolls*. Starting from the left are Wendy Douglas, Laura Allen W '96, Jennifer Santos, and Vicharin Pebbles Vadakan '97.

# ROCK THE WORLD!



## Rock Macs

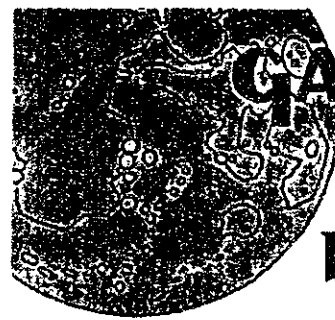
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# Canary Deals Grad Soccer a 3-1 Blow

By Malcolm Quinn  
TEAM MEMBER

The MIT Graduate Soccer Club went down 3-1 to Canary Square on Saturday.

Clearly thinking about their championship race with Lexington, team members seemed robbed of their signature confidence and fluidity. The loss seriously jeopardizes the team's bid for the league title.

A tense start by MIT was temporarily relieved after 15 minutes when it scored the first and somewhat lucky goal. A high ball lobbed into the Canary goalmouth was mishandled by the keeper, bobbled free, and was poked home by an unattended MIT striker.

This tension-breaker appeared to restore some of MIT's confidence. The MIT supporters were also relieved and celebrated on the sidelines. But their celebrations were short-lived.

Five minutes later Canary Square was awarded a free kick inside MIT's penalty box. A log jam of players crowded the goalmouth for the shot, which was blocked, rebounding from the MIT wall.

But the ball was only partially cleared and flew to a Canary midfielder who volleyed it back at the goal. Meanwhile the MIT defensive line had cleared too soon, and with unerring accuracy the ball sailed straight to the spot where an MIT defender had stood only moments before and into the back of the net. Unseen, goalkeeper Bobby Padera G had no chance.

The initial edginess of MIT's game returned and went unrelieved for the remaining 70 minutes of

play. Though MIT dominated possession, they could not consummate any of the opportunities they created. Rarely has there been such a palpable sense of anxiety at an MIT match.

Constantly pressing deep into the Canary half, MIT players at times seemed to clog the goalmouth in their eagerness to score, and so denied themselves the space necessary to produce a goal. Overextending, they became vulnerable to a Canary counterattack.

Such a breakaway occurred 20 minutes into the second half when the ball, seemingly out of play by more than a foot, was kicked in again by a Canary winger. The referee allowed play to continue, despite the vehement protests of MIT players and sideline spectators.

While the argument continued, the winger drove the ball low and hard across the MIT goal, past two defenders, and onto the boot of a waiting Canary striker, who plugged it home.

Increasingly desperate, MIT pulled their defenders in the dying moments of the game and inserted more forwards, but another Canary breakaway clinched the match at 3-1.

The team is still in the hunt for the league championship. The Engineers will certainly recover from this loss — and hopefully have learned from it — but must win their remaining two games against lower ranked teams.

In its final home game, MIT will play Black Rose on the turf tomorrow at 11 a.m. Fans are encouraged to come and cheer the team on.

# Women's X-C Places 19th at New Englands

By Agnieszka Reiss  
TEAM MEMBER

The women's cross country team placed 19th out of 28 teams from all divisions at the New England Championships at Franklin Park last Saturday.

It was a good day for MIT, better than the result might suggest. The Engineers were eighth among a competitive field of Division III teams, and even beat a few Division I teams, including Northeastern University.

The field was large, with about 200 runners in the race. At the sound of the starting gun, all 200 took off at a fast pace, vying for position as the course quickly narrowed.

First mile splits were very fast, causing the runners to hang on for

the remaining two miles. Most of MIT's athletes did a good job of doing so, keeping a steady pace and running strong on the hills.

Janis Eisenberg '98 led the team with an excellent performance, finishing 26th with a time of 19 minutes, 4 seconds. Marjie Delo '95 was next for MIT, finishing 86th in 20:10.

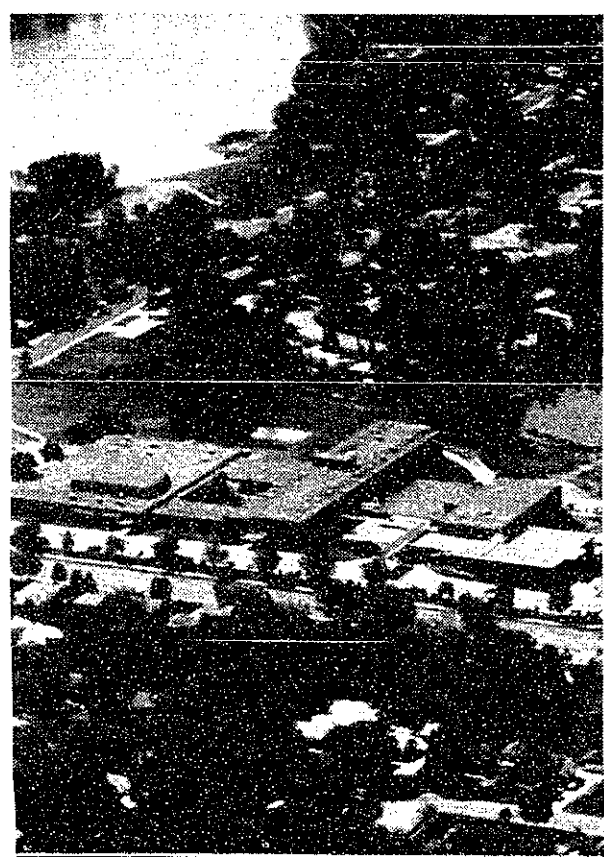
Lauren Klatsky '97 was 101st in 20:27, Cynthia Mowery '95 was 137th in 21:21, and Agnieszka Reiss '95 was 144th in 21:41. Evelyn Kao '95 and Ann Marie McAninch '96 were MIT's sixth and seventh runners.

With this meet under its belt as a warmup, the team will travel to Babson College for the New England Women's Eight Conference Championships.



RICH DOMONKOS — THE TECH

Heather Noyes '97 scores a goal for MIT in the last soccer match of the season on Wednesday. MIT won the game, beating Wheaton College 4-3.



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# Women's Rugby Team Falls to Bridgewater

By Sherri Oslick  
TEAM MEMBER

The women's rugby team was the dominant team and held the lead in the first half of its game against Bridgewater State College on Saturday. Unfortunately, it was unable to maintain the lead in the second half, losing with final score of 38-12.

The loss gives the team an overall record to date of 2-2.

In the first few minutes of the game MIT was able to drive upfield. The ball was passed out to the weak side wing who was able to dodge her defenders and touch the ball down in the corner of the try zone. The placement was difficult for the conversion kick, and it was missed.

MIT's second score occurred when the ball was again passed out to the weak side wing, who ran 75 yards for the try, touching the ball down between the posts. The conversion kick was good.

Bridgewater was able to score two tries, the first when one of its backs broke away from the MIT defenders, the second on a penalty play that was yards from their try zone. Neither of the Bridgewater conversion kicks were successful, and the first half ended with a score of 12-10 in favor of MIT.

MIT also dominated in the second half, where play was held primarily to MIT's side of the field. Nevertheless, Bridgewater was able to score four tries, each occurring when one of their fast runners was able to breakaway from the MIT defense and sprint the length of the field for the try. The conversion kicks were good, resulting in a 38-12 defeat of MIT.

MIT hopes to boost its record with a victory in its match tomorrow at home against Bryant College, at 11 a.m.

### Earlier in the season

The team began its season with a scrimmage against Radcliffe College and came out on top with a score of 10-5. A try was scored in the first half when the MIT forwards were in possession of the ball and were able to drive the Radcliffe pack over the try line and touch the

ball down.

The second try was scored in a similar fashion with a drive by the forwards when MIT was yards from the try zone. In both cases, the conversion kick had to be taken from the corner and was unattainable.

MIT played a strong defensive game and held Radcliffe to one try.

The week following the Radcliffe game the team traveled to Hartford, Conn. for its first league game against Trinity College, and came away victorious despite adverse conditions.

The Trinity field was excessively muddy, making it difficult to gain adequate footing. In addition, the league referee failed to show up, and the game was refereed by a Trinity team member whose lack of experience as a referee led to numerous calls that were either poorly made or not made at all.

Nevertheless, MIT played well. The game was fast paced and the ball changed hands frequently. Trinity was able to score a try just inside the touch line in the first half, but was unable to obtain the conversion kick.

MIT retaliated later by moving the ball successfully through the backs to the strong side wing, who sprinted 70 yards past the opposition to score a try. The conversion kick was missed, and the half ended with a score of 5-5.

Early in the second half Trinity, close to the MIT try zone, kicked the ball in an attempt to gain distance, but the ball was picked off by MIT and run straight in for a second try. The ball was touched down right between the posts, and the conversion kick was good, yielding a score of 12-5.

In the second half, MIT was able to hold Trinity to one try. Trinity missed the conversion kick, and the game ended with a final score of 12-10.

In its first home game MIT was matched against Southern Connecticut State University. The forwards were the dominant force in the game, but MIT was unable to gain sufficient possession of the ball and was shutout by SCSU.

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**The Boston Audio Society**, a forum for audiophiles, schedules guest lecturers, publishes a newsletter, meets locally every third Sunday to hear & discuss audio developments: 259-9684 or PO Box 211, Boston, MA 02126.

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**ACROSS**

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- 6 Miss d'Orsay
- 10 Emulates 6-Across
- 14 1938 movie, "\_\_\_ Chicago"
- 15 Horse color
- 16 Mrs. David Copperfield
- 17 Increasingly near (3 wds.)
- 20 1963 movie, "David and \_\_\_"
- 21 \_\_\_ de cologne
- 22 Tennessee power complex
- 23 Tension (3 wds.)
- 28 Bird call
- 29 1958 movie, "God's Little \_\_\_"
- 30 "\_\_\_ Haw"
- 31 Chinese port
- 33 "Three men in \_\_\_"
- 35 More convinced
- 39 \_\_\_ duck
- 40 Metric volume
- 42 Aswan's river
- 43 Indian state
- 45 Of an age
- 46 Nefarious
- 47 Blubber

- 49 Yoko, et al.
- 51 "So there!"
- 52 Mythological twins (3 wds.)
- 57 Exclamation of disgust
- 58 2.0 grade-point average
- 59 Environmental science (abbr.)
- 60 Luxury (3 wds.)
- 66 Black
- 67 \_\_\_ defense
- 68 Come next
- 69 Harry Belafonte song
- 70 Fencing foil
- 71 "The defense \_\_\_"

- 10 Hubbub
- 11 \_\_\_ Mesa
- 12 Famous fountain
- 13 \_\_\_ wrap
- 18 Knave
- 19 Ancient instruments
- 23 Milan's "La \_\_\_"
- 24 Spanish man's name
- 25 Bandleader Shaw
- 26 Nuclear particle
- 27 What old grads do
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- 34 Product's maker
- 36 Unmatched
- 37 Nobel prize-winner \_\_\_ Root
- 38 Take ten

- 41 Emulated Romeo
- 44 Emulate Minnie
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- 52 One of Santa's reindeer
- 53 Rocket stage
- 54 Trembling
- 55 Author of old
- 56 Actor Greene
- 61 Youth group
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- 63 Once named
- 64 Prefix: self
- 65 French possessive

**PUZZLE SOLUTIONS FROM LAST ISSUE**

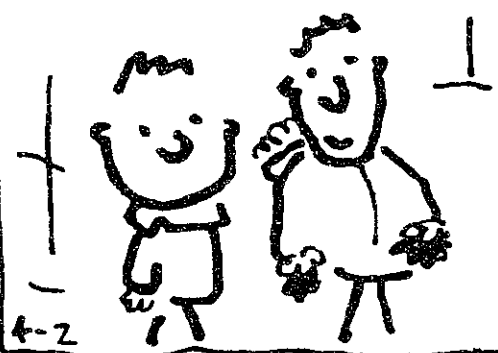
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SOLUTIONS IN THE NEXT EDITION OF THE TECH

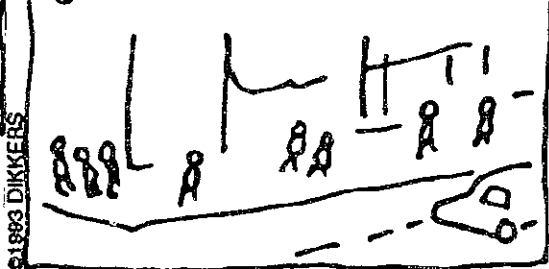
**Jim's Journal**

By Jim

Today I bumped into Dean, a guy I sort of knew.



We talked for just a couple minutes about school, and he joked about his coat, which he got for Christmas.



We came to a corner and he said, "I go this way, see you around, Jim."



I walked a ways more and for a brief second I couldn't remember who I'd bumped into.



# Ultimate Tournament At MIT This Weekend

By Bill Baker  
TEAM MEMBER

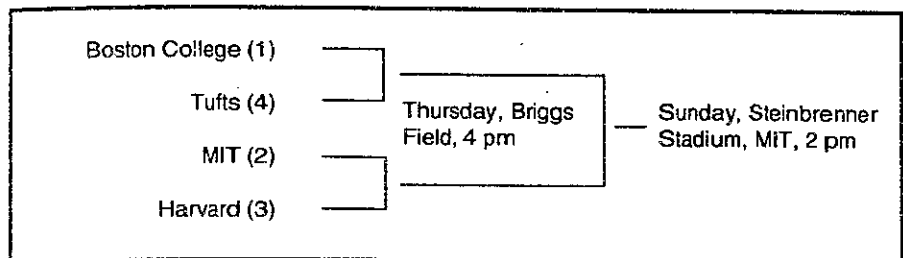
This Sunday the Boston Beanpot Ultimate Conference will hold its championship game at MIT's Steinbrenner Stadium.

Following this week's semi-final matchups, MIT and Boston College are expected to battle for Boston frisbee supremacy. The last time they played, BC won a hard-fought game, 16-14.

This is the first Boston area college ultimate frisbee tournament,

and so far MIT and BC have achieved the best records. BC is ranked first, having gone undefeated all season. MIT is close behind, having lost only one game, to BC. Boston University, ranked third, is unable to play in the tournament. Instead, teams from Harvard University and Tufts University round out the post-season matchups.

So if you want a break from Sunday-afternoon tooling, come out and be ready to watch some great ultimate.



Ultimate Frisbee Championship This Sunday At MIT

## Women's Varsity Crew Ties Boston University

Crew, from Page 24

the distance by a crew from the University of Pittsburgh, coxswain Shruti Sehra '96 steered the most efficient course possible, enabling her boat to still race competitively.

The lightweight crew consisted of Diane Hodges '95, Louise Wells '96, Sabrina Bernold '95, Malee Lucas G, Rebecca Fahrmeier '95, Lara Ivey '97, Shelly Sakiyama '96, and Sarah Vitek '95.

The varsity crew competed in the last event of the day, the Championship Eights. This event was won by the National Team, rowing as a Boston Rowing Center crew.

The varsity crew of Becky Berry '95 (Bow), Judy Ascano '96 (2), Linda Rosenband '96 (3), Sarah Black '96 (4), Amy Geiffers '97 (5), Jessica Oleson '96 (6), Lynn Yang '95 (7), Andrea Jensen '95 (Stroke), and coxswain Sherry Hsiung '95 rowed the 3.5 mile course in 17:28.80, tying Boston University for 19th place and coming within 0.7 seconds of the winning Club Eight time under slightly windier conditions.

The women had an outstanding race in all aspects and are already setting their goals for next spring based on this weekend's results.

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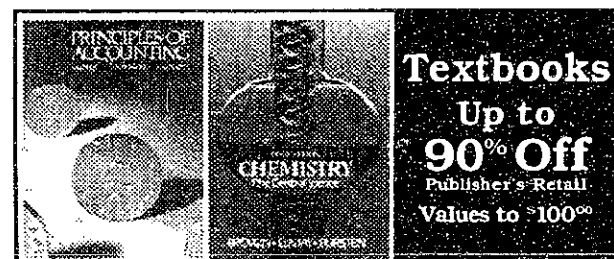
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SPORTS

# Women's Crew Performs Well At the Head of the Charles

**Andrea Jensen, Stacy Morris, and Cathy Conley**  
TEAM MEMBERS

In one of the best showings put on by the entire boathouse in about 20 years, the MIT women's crews showed their growing strength as contenders in the fall season at the Head of the Charles Regatta last Sunday.

The conditions were near perfection. Little to no wind, a good amount of sun, and unseasonably warm temperatures enabled the rowers to focus entirely on their task at hand: to beat the varsity and junior varsity boats of former national champions Boston University.

The women entered three boats in this year's Head of the Charles Regatta.

The JV boat competed in the first race of the day, the Club Eight event. In this event, it competed against a number of JV, varsity, and club crews from across the continent.

The crew members had a challenge before them as they started down the course since there was a lot of distance between their boat and the boats in front of them and behind them.

"The people cheering for us on the bridges really kept us going throughout the entire race," said Nicole Weymouth '96.

The JV crew finished 16th out of 43 crews. Although disappointed that they placed behind BU's JV boat by 0.11 seconds, the rowers were quite pleased to beat the

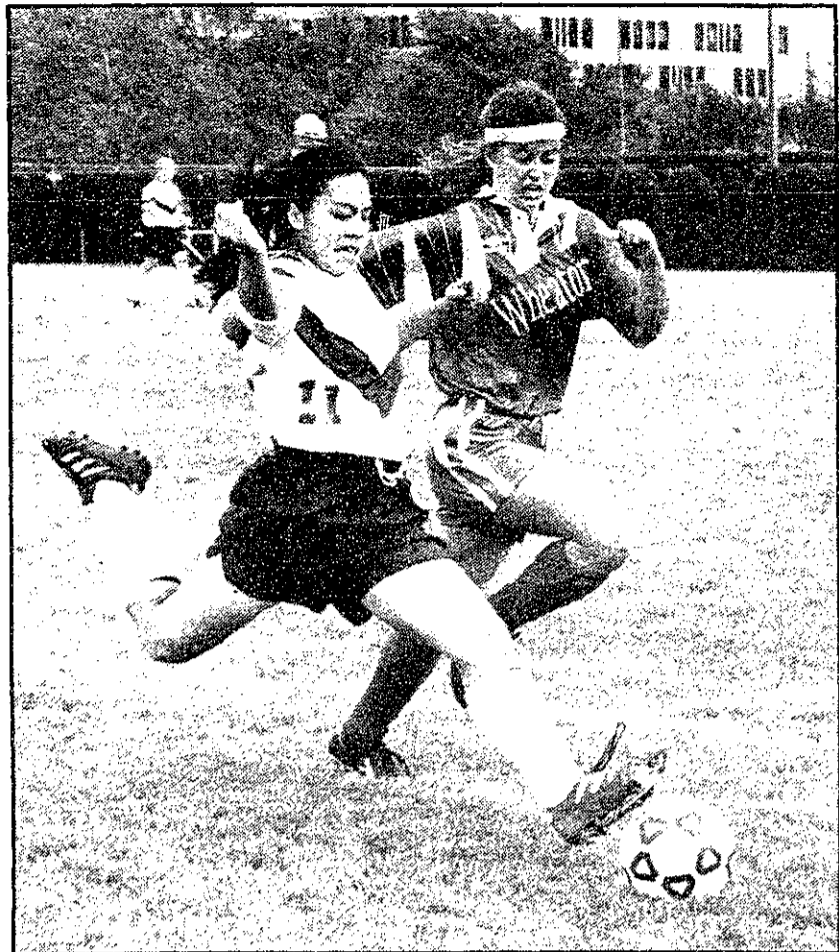
Northeastern University and Wellesley College JV crews by over 20 seconds.

Rowing in the boat, from bow to stern, were Stacy Morris '96, Anna Rivers '97, Weymouth, Cathy Conley '96, Joanne Mikkelson '96, Heather Lee '95, Stephanie Speaker '97, Cindy Fein '97, and coxswain Margarita Brito '97.

The lightweight eight also put in a strong finish to contribute to the team's overall great performance. This crew finished as the fifth collegiate crew, and placed ninth overall with a fast time of 18 minutes, 43.66 seconds.

Although their path down the race course was jeopardized most of

Crew, Page 23



Thuy Le '97 kicks the ball upfield in Wednesday's soccer match against Wheaton College.  
*RICH DOMONKOS - THE TECH*

## UPCOMING HOME EVENTS

**Saturday, Oct. 29**

Varsity Sailing at Schell Trophy, 9:30 a.m.  
Football vs. University of Massachusetts at Boston, 1 p.m.

**Sunday, Oct. 30**

Varsity Sailing at Schell Trophy, 9:30 a.m.

**Tuesday, Nov. 1**

Varsity Sailing at MIT Invitational, 9:30 a.m.  
Women's Volleyball vs. Amherst College, 7 p.m.

**By Roger Crosley**  
SPORTS INFORMATION DIRECTOR

MIT football player Jose DeLeon '97 rushed for a personal best 246

### Sports Shorts

yards in Saturday's 34-12 victory over Nichols College. DeLeon had touchdown runs of 54, 20, and 54 yards.

He was named the Eastern College Athletic Conference New England Division III Player of the

Week, and was also the Eastern Collegiate Football Conference Offensive Player of the Week.

DeLeon has rushed for 337 yards and five touchdowns since his return from wrist surgery two games ago.

Additionally, Eric Seidel '97 was named to the ECFC weekly honor roll for his play at free safety.

### Women's Volleyball

Volleyball player Kamilah Alexander '96 was named the most

valuable player of the Hall of Fame Classic Tournament held at Smith and Mount Holyoke Colleges.

Alexander led MIT to a runner-up finish in the tourney, which was won by Gustavus Adolphus College of Minnesota.

The Engineers currently have a 26-5 record and are the top-rated team in both the New England Division III and in the National Collegiate Athletic Association Division III Northeast Regional Poll.

# Society of Women Engineers

## Career Fair & Banquet

Saturday, Oct. 29  
11 a.m. - 4 p.m.  
Du Pont Gymnasium

Friday, Oct. 28  
6 p.m. - 10 p.m.  
Marriott, Kendall Square

# Over 55 companies represented!

The Career Fair is open to all members of the MIT community.

Banquet tickets will be available in Lobby 10 on Oct. 19 - 25.

SWE members must sign up and provide a \$15 refundable deposit to attend.

The cost is \$20 for non-SWE members.