

# HAPPY HALLOWEEN

MIT's  
Oldest and Largest  
Newspaper



**The Weather**  
Today: Becoming cloudy, 57°F (14°C)  
Tonight: Windy, 45°F (7°C)  
Tomorrow: Very rainy, 60°F (16°C)  
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Volume 117, Number 55

Cambridge, Massachusetts 02139

Friday, October 31, 1997

## Events Give Campus A Halloween Spirit

By Krista L. Niece  
STAFF REPORTER

Halloween conjures up images of jack-o-lanterns, costumes, and spooky figures. A variety of living groups and student activities will get in on the fun, bringing a festive air on and around campus this weekend.

Perhaps some of the most ghoulish sights around campus thus far have been the coffin and Grim Reaper in Lobby 10 advertising Phi Kappa Sigma's traditional Tunnel of Horrors.

The fraternity's haunted house will be open to the MIT community from 11 p.m. to 2 a.m. tonight. The biannual attraction will then be open to the area university community at large on Saturday, from 8 p.m. to 2 a.m. The \$2 admission fee will benefit the Leukemia Society.

PKS is throwing a party, Skuffle,

Saturday, with live music from band Foundry, said Iddo Gilon '98, PKS brother and Interfraternity Council president. "There will be a lot of dancing, a lot of fun."

In accordance with the voluntary IFC ban on alcohol, Skuffle will be a dry party this year, he said.

Theta Xi will hold a "blacklight" party, beginning at 10 p.m. Friday. "We're going to cover the walls in fluorescent chalk and light the room in blacklight," said Andrew D. Berkheimer '01. The party will be dry, but "we have a lot of special [nonalcoholic] drinks we're making up for it," he said.

For those who want to stay closer to campus, East Campus is planning a party, complete with candy and a live band. "It's a standard Halloween

Halloween, Page 17



Zachary O. Lee '98, captain of MIT's water polo team, mixed his two pastimes and dressed in his water polo uniform for the Concert Band Halloween performance in Lobby 7 on Wednesday evening.

## Report Calls for Competition in Food Services

By Douglas E. Helmburger  
ASSOCIATE NEWS EDITOR

The dining review working group will release its final report today, and it will call for the reopening of several closed dormitory dining halls and a restructuring of the system of contracting dining to outside operators.

In one of the most visible changes from the current system, two major contractors will run the dining system, with one serving the main campus and the other serving the west campus dining facilities as well as dining facilities at the Sloan School, said Phillip J. Walsh, director of the Campus Activities Complex, who headed the review group.

Originally, the new system was to have four contractors, but that system was financially infeasible, Walsh said.

Competition between the vendors will allow for more quality and service without increasing cost, Walsh

said. In addition, financial models prepared by an outside consultant show that the contractors "can make money under the program."

The working group, which has been meeting since February of last year, was charged with finding a replacement dining system for the Aramark monopoly, which has been in place for nearly a decade. Its report will be sent to Dean for Students and Undergraduate Education Rosalind H. Williams and Senior Vice President William R. Dickson '56, who will then decide what will be implemented.

In the meantime, however, the group has been told to move into a transitional phase to the new system, Walsh said. Requests for proposals for contractors will likely be created soon so that the new system can be in place by July.

### Dorm dining halls to be reopened

Besides breaking up the campus

into two contracts, the dining group also calls for the reopening of all the west campus dining halls.

McCormick Hall's dining facility would be fully operational by July 1999 under the proposals, Walsh said. The kitchen of McCormick, which is in the best condition of any of the closed dormitory kitchens, will also be used to supply Ashdown House residents with a catered meal several times a week, Walsh said.

By 2000, catered meals prepared at Next House and Baker House would be served at MacGregor House and Burton-Conner House several days a week. "Catering is at a level of development so that quality is as good" as meals cooked on site, Walsh said.

An alternative to the proposal would fully reopen MacGregor's dining hall and move MacGregor Convenience to Burton-Conner House, Walsh said.

Lobdell Food Court would have reduced evening hours for financial reasons and to encourage residents to eat in their dormitories, Walsh said.

Each dormitory would have a local "dining board" to oversee the menu selection and community processes involved in dining, Walsh said. The board, including members of dormitory government and other interested parties, "would craft their dining program for the year."

In halls without dining facilities, support would be given to maintaining minimal levels of cleanliness and upgrading capital needs of the kitchens, Walsh said. Microwaves and other kitchen items currently purchased and upgraded by dormitory governments would now be provided by the Institute directly.

Food, Page 16

## Course VI Tops List Of Majors

By Krista L. Niece  
STAFF REPORTER

The Department of Electrical Engineering and Computer Science once again garnered the largest number of sophomore major declarations, and the biology department saw a significant decrease in sophomore enrollment, according to the annual report of major designations released by the Registrar's Office.

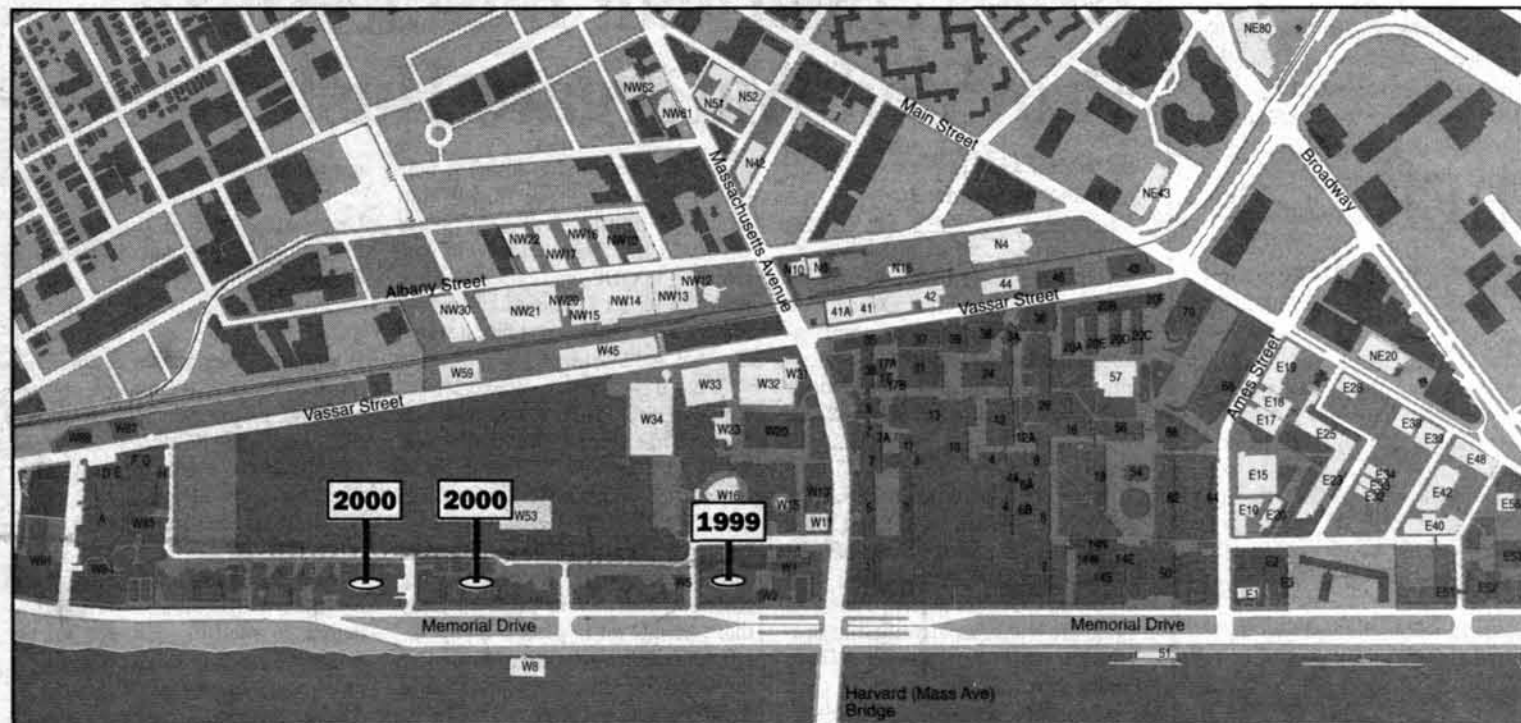
Course VI attracted 337 members of the Class of 2000, an eight percent decrease from last year's draw. About 900 undergraduates are now in the department.

The mechanical engineering department was the second most popular choice, drawing 107 students, approximately the same as last year's number.

The biology department saw a drop in enrollment this year; 104 students declared biology as their major, as opposed to 151 last year.

The Department of Chemical Engineering, with 93 students, and

Majors, Page 15



COMPETITION ON CAMPUS — If the dining working group's recommendations are adopted, two companies will provide food service on campus, one for main campus (green), and for west campus and the Sloan School (red). Closed dormitory dining halls may open by the years indicated, and current dining halls may service neighboring dormitories with catered foods.

GRAPHIC BY COURTNEY CLENCI. MAP COURTESY OF MIT PLANNING OFFICE

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# WORLD & NATION

## Caring for the Character Mulder

LOS ANGELES TIMES

HOLLYWOOD

After four seasons of "The X-Files," David Duchovny is weary of the questions about Mulder or how he's like Mulder. For instance, he has said before that he does not believe in paranormal phenomena.

"I've changed my mind," he cracks.

There is little Duchovny or the writers can or would do to change Mulder at this point. If anything, Duchovny wants to make sure that Mulder is not treated by his FBI colleagues with any of the newfound deference accorded Duchovny.

"It's important that Mulder is a joke to everybody else," he says. "What I like most about Mulder is his integrity, his lack of interest in what other people think about him. That's what makes him a hero."

Duchovny asks to make changes in script or emotional content when a scene seems wrong. When Scully misled Mulder on how sick she really was, potentially putting them in danger, Duchovny thought his character was being too sympathetic too often. He would have been angry.

"I said, 'I would love Mulder to be an unreasonable and objectionable human being at this point and maybe get mad at someone who's dying of cancer.' To me that's more interesting than going, 'Hey, brave soldier, buck up.'"

The writers let him adjust Mulder's attitude.

"It didn't help. The show still sucked. It was called 'Elegy'" he recalls. "That was a bad, bad show. I mean, you had the killer nurse. It was bad."

## House Passes Bill Allowing Nuclear Waste Dump in Nevada

LOS ANGELES TIMES

WASHINGTON

The House Thursday overwhelmingly approved legislation that would ship thousands of tons of nuclear waste to be stored in the desert of Nevada, despite opposition from the state and a veto threat by President Clinton.

The bill, which was approved 307-120, would create a temporary site for storing nuclear waste near Nevada's Yucca Mountain, about 50 miles from the California border. That would provide a new home for the 33,000 tons of radioactive garbage now stored in dozens of sites around the country.

In other action Thursday, the House voted 242-182 to approve a bill that would raise the fees Western ranchers pay for grazing animals on federal lands — but not by enough to satisfy environmentalists who say ranchers would still enjoy an unwarranted federal subsidy that hurts the environment.

Proponents said the measure would provide for safer storage of the hazardous byproducts of nuclear power plants — in a remote desert location rather than in populous areas, as is often now the case.

## 'Domestic Partners' To Receive Health Benefits

THE WASHINGTON POST

WASHINGTON

The "domestic partners" of U.S. Government workers — regardless of sex or marital status — would be eligible for health insurance coverage through the federal employee health program under a bill introduced by Rep. Barney Frank, D-Mass. It would also make them eligible for lifetime survivor benefits under the federal pension program.

Frank is one of the few openly gay members of Congress.

His proposal has been endorsed by the American Federation of Government Employees, National Treasury Employees Union and the American Federation of Government Employees.

The federal health program — the nation's biggest company-style plan — covers more than 10 million current and former federal workers, spouses and families. In some cases, ex-spouses can be covered (if they pay the full premium) as can dependent grandchildren. But unmarried couples aren't eligible for family coverage. Taxpayers pay about 72 percent of the total premium for insured workers and retirees.

Under the Frank bill the extended health and retirement coverage would go to:

- Same- or opposite-sex couples (if one of them worked for the government or postal service) who are "living together, in a committed, intimate relationship."

- Couples who are responsible for each other's welfare and financial obligations.

## WEATHER

### Scary Weekend Ahead

By Gerard Roe

STAFF METEOROLOGIST

Necrotic nerds and ghoulish geeks emerge from their ghastly grottos tonight. But if they try to see in the dawn they may get a little wet behind the ears. A mostly sunny start to the day will fade behind increasing clouds during the night. Strong southeasterly winds will whip up a wraith or two, and a few isolated areas of drizzle may begin to form before dawn. Saturday looks set for a lot of rain as a big storm haunts the east coast. The outlook for Sunday is equally scary, although there may be a little clearing later on in the day as colder drier air pushes in behind.

**Today:** Mostly sunny start. Temperatures heading above 55°F (13°C) before the clouds come. High 57°F (14°C)

**Tonight:** Terrifying. Becoming windy. Low 45°F (7°C). Some rain likely before dawn

**Saturday:** Rain, and probably lots. High 58°F (14°C). Low 48°F (9°C)

**Sunday:** Continuing miserable. High around 60°F (16°C). Low around 40°F (4°C)

## British Au Pair Convicted Of Second-Degree Murder

By Leslie Miller

THE ASSOCIATED PRESS

CAMBRIDGE

In a case that riveted audiences on both sides of the Atlantic, a 19-year-old British au pair was convicted of murder Thursday by shaking a baby in her care.

It took jurors three days to convict Louise Woodward of second-degree murder in the death of 8-month-old Matthew Eappen. The child died Feb. 9, five days after Woodward called 911 to say he was unconscious.

Woodward broke down as one of her lawyers, Andrew Good, embraced her. "I didn't do anything," Woodward said through loud sobs. "Why did they do that to me?"

The conviction carries a sentence of life in prison with a chance of parole in 15 years. Woodward's parents sat stone-faced after the verdict was read.

The three-week trial captivated audiences in the United States and in Britain, where trials are not tele-

vised and viewers were transfixed by the gavel-to-gavel television coverage afforded the case.

Middlesex Superior Judge Hiller B. Zobel set sentencing for Friday morning. The prosecution's case relied on experts who testified that medical and autopsy reports showed the baby's injuries were caused by being shaken violently and having his head slammed against a hard surface.

Police officers also testified that Woodward told them she had been "a little rough" with the child, a statement she has denied making. Woodward, who took the stand on her own behalf, was unflappable as she denied doing anything to harm the child.

Medical experts called by her lawyers testified that there were no external signs of trauma; they said the baby had a previously undetected head injury that could have been reopened by minor jarring. Bolstered by what they considered to be a strong case, defense attor-

neys adopted an "all or nothing" strategy and asked the judge to bar the jury from considering a reduced charge of manslaughter.

Over prosecutors' objections, Zobel agreed and gave jurors only three options: convict Woodward of either first- or second-degree murder, or acquit her. Woodward, from the small farming town of Elton, England, was 18 when the baby died.

The murder charge was seen by many in her homeland as part of a rush to judgment against her. "She's incapable of an act of cruelty like that," Hazel Mayamba-Kasongo of Elton told CNN. "This is unacceptable."

In the United States, the case has raised questions about parents' responsibility in finding reliable child care. Some criticized the Eappens, especially the mother, for working instead of caring full-time for their two young boys and for hiring a teenager with little formal training.

## Lawyers Select Jury in Second Oklahoma City Bombing Trial

By Tom Kenworthy

THE WASHINGTON POST

DENVER

Seven women and five men were selected Thursday to serve as jurors in the Oklahoma City bombing trial of Terry L. Nichols, clearing the way for opening statements Monday in the second and final case stemming from the April 19, 1995, bombing that killed 168 people.

Nichols, a 42-year-old father of three children, faces the death penalty if convicted on 11 charges of murder and conspiracy in the truck bombing of the Alfred P. Murrah Federal Building. His co-defendant and former Army buddy, Timothy J. McVeigh, 29, was convicted on all of those same counts by a separate jury, and sentenced to death last June.

Attorneys for Nichols and the government completed jury selection Thursday, after 4½ weeks of closely questioning prospective panelists, when each side used its 23 peremptory challenges against members of a 64-person pool. Six alternate jurors, evenly split by gender, were also chosen Thursday.

The panel that will decide Nichols' fate includes two bus dri-

vers; a day-care worker; a bank clerk; a soda machine installer; a telemarketer; a loading-dock worker; a maintenance employee; a nurse; a remedial reading tutor; and contract seamstress, whose husband is a corrections officer; and a geophysicist. Two members of the jury are African-American, several jurors, in answering questions posed during the selection process, said they have had personal experience with crime, and many acknowledged wrestling with how they feel about the death penalty. To preserve their anonymity, U.S. District Court Judge Richard P. Matsch has had the jurors identified only by numbers.

Juror No. 215, for example, an obstetrics nurse whose husband is a physician and who once belonged to the Southern Poverty Law Center that monitors right-wing political activity, cried when questioned about the death penalty on the opening day of jury questioning. "It's a very serious decision," she said.

As the process neared its conclusion Thursday, Nichols' defense attorneys seemed almost ebullient at the selections, smiling and conferring animatedly with their client,

dressed in a blue blazer, white shirt and black turtleneck.

"We look forward to talking to the jurors on Monday morning," said Nichols' lead counsel, Michael Tigar, as he emerged from court in mid-afternoon. "That's when the action starts. Mr. Nichols feels very good about this process."

Larry Mackey, the government's chief prosecutor in the case, said, "We're quite satisfied we've ended up with a jury that will hear both sides fairly."

Though the government's case against Nichols closely parallels its earlier case against McVeigh, prosecutors face what legal observers feel is a tougher task in convincing a jury of his guilt in the bombing plot.

First and foremost, as Nichols' attorney has frequently pointed out and the government acknowledges, the Michigan native was not in Oklahoma City when a massive bomb packed into the cargo compartment of a rented Ryder truck exploded there. Nichols was at home at the time, and two days later when he learned of McVeigh's arrest he voluntarily submitted to a nine-hour interview with FBI agents.

## Greek-American Businessman Provided Watergate Hush Money

By Walter Pincus and George Lardner Jr.

THE WASHINGTON POST

WASHINGTON

On March 7, 1973, President Nixon met in the Oval Office with one of his major campaign contributors, Thomas A. Pappas, to personally thank him for providing money that Nixon knew was being used as hush money for the Watergate burglars.

Pappas, who held joint Greek and U.S. citizenship and ran a \$200 million industrial complex in Greece, had contributed more than \$100,000 to Nixon in both 1968 and 1972. He has been identified in previously released Nixon White House tapes as the source of cash used to keep the Watergate defendants quiet. But newly transcribed conversations show for the first time that Nixon acknowledged Pappas' role with an Oval Office thank-you.

"I want you to know that ... I'm

aware of what you're doing to help out in some of these things that Maury's people and others are involved in," Nixon told Pappas, referring to GOP fund-raiser Maurice Stans. "I won't say anything further, but it's very seldom you find a friend like that, believe me."

Five days earlier, White House Chief of Staff H.R. Haldeman told Nixon that Pappas had provided funds for "one of the major problems" that White House counsel John W. Dean III "is working on." Haldeman described the problem as "the question of ... continuing financial activity in order to keep those people all in place," an apparent reference to funds provided to the seven defendants convicted in the Watergate burglary.

"And the way he's working on that," Haldeman continued, "is via (Attorney General John) Mitchell to Tom Pappas." Haldeman described Pappas as "the best source we've

got for that kind of thing."

In a recent telephone interview, Dean said, "Mitchell, through (aide Frederick) LaRue, was dealing with Pappas to get money for the cover-up." Pappas, who was investigated but never charged in the Watergate scandal, became a leading fund-raiser for Gerald R. Ford's 1976 campaign. When his name first surfaced in the Watergate affair in 1974, Pappas denied he was asked for money by Mitchell or LaRue. He died at his Palm Beach, Fla., estate in 1988.

Haldeman also bluntly told Nixon on March 2, 1973, what Pappas wanted in exchange for his financial contributions. "Pappas is extremely anxious that (U.S. Ambassador to Greece Henry J.) Tasca stay in Greece," Haldeman said. Tasca, who had been selected as envoy to Athens, had a close relationship with both Pappas and Nixon.

# Iraq Blocks Two Americans From U.N. Inspection Team

By Craig Turner and Stanley Meisler  
LOS ANGELES TIMES

UNITED NATIONS

Making good on the previous day's threat, Iraq on Thursday barred two Americans from returning to their jobs in Baghdad with a U.N. commission investigating Iraq's chemical, biological and nuclear weapons programs.

The Americans were coming back from a brief holiday in the Persian Gulf state of Bahrain, U.N. officials said, when they were intercepted at Habbaniyah airfield about 60 miles west of Baghdad. A third American, working for the International Atomic Energy Agency, was approved for entry by the Iraqis, but under instructions

from his supervisors returned to Bahrain with the others.

Two other Americans left Baghdad on Thursday on previously scheduled departures as their U.N. tours of duty ended.

The events in the Persian Gulf unfolded less than nine hours after the U.N. Security Council warned of "serious consequences" unless Iraq pulls back from a Wednesday declaration that it no longer will accept American participation on the U.N. commission. Iraq gave Americans working for the commission in Iraq one week to leave.

Throughout Thursday, Western and Iraqi officials publicly exchanged increasingly heated rhetoric while Russia, France and Egypt privately spearheaded a vig-

orous diplomatic effort to persuade Iraq to back down.

The three Security Council members recently have expressed some sympathy for Iraq's complaints about continuing U.N. economic sanctions, which date from its 1990 invasion of Kuwait. French and Russian companies also have negotiated multimillion-dollar contracts with the Iraqi oil industry that would go into effect once the sanctions are lifted.

But diplomats from those countries were described Thursday as chagrined and embarrassed that Iraq responded to their sympathy by targeting the Americans on the U.N. weapons team. Iraq's action is considered a breach of the agreement ending the 1991 Persian Gulf War.

# Federal Authorities Oust Illegal Immigrants in Record Numbers

By Jodi Wilgoren and Patrick J. McDonnell  
LOS ANGELES TIMES

WASHINGTON

Federal authorities ousted more than 110,000 illegal immigrants — including more than 50,000 criminals — in the past year, shattering previous removal records and surpassing their own goals for deportations, the Immigration and Naturalization Service reported Thursday.

California led the nation with more than 46,000 people forced to leave the country, about 41 percent of the total, reflecting the ongoing crack-down along the Mexican border.

But the 50 percent boost in removal rates in the San Diego and Los Angeles areas were lower than

the overall national increase of 62 percent, and far behind the surges in Miami, New York, Newark, N.J., Chicago and parts of Texas, where some INS offices doubled and even quadrupled the number of deportations.

"We can and will make America's streets and communities safer by deporting criminal aliens," U.S. Attorney General Janet Reno said at a news conference, attributing the increase directly to last year's hike in INS funding.

"Our message is very simple: Those who immigrate legally are welcome. Those who don't obey our laws will be sent home," she said.

The vast majority of deportees — 76 percent — were Mexicans,

who make up an estimated 54 percent of the country's illegal immigrant population. Another 13 percent were from five Latin American countries: El Salvador, Honduras, Guatemala, Colombia and the Dominican Republic.

In addition to the 111,794 people forced to leave, INS officials say 78,000 illegal immigrants facing deportation proceedings returned to their native countries voluntarily in the fiscal year that ended last month. Another 1.3 million were stopped at the border.

"It's further evidence that we are turning the corner on the issue of illegal entries into this country," Rep. Howard Berman, D-Calif., said.

# Investigator Suspects Clinton Withheld Memo

By Guy Gugliotta  
WASHINGTON TIMES

WASHINGTON

A key House investigator said Thursday he suspects the White House counsel's office of obstructing justice by withholding a memo suggesting that President Clinton wanted to share a taxpayer-funded database with the Democratic Party, a violation of federal law.

Rep. David M. McIntosh, R-Ind., who has been leading an investigation into the "White House database" for more than a year, said the counsel's office had had the memo since September 1996, but that "somebody, a senior official at the White House, made a decision not to give it to us."

"This means I'm going to have to open another investigation about obstruction of justice," McIntosh said. "We will also have to reopen investigations into some areas where we had concluded there was no wrongdoing."

In a letter Tuesday to McIntosh, White House counsel Charles F.C. Ruff acknowledged tardiness in providing the memo, but blamed it on an attorney in his office who found the memo while reviewing documents that were originally deemed "not responsive" to McIntosh's investigation.

Earlier this year, the White House provided documents from longtime Clinton aide Marsha Scott suggesting ways that the White House database — used for guest lists and correspondence — might serve to track major donors to the Democratic Party or could even be turned over to the Democratic National Committee.

White House spokesman Barry Toiv insisted at the time that "every White House invites supporters and maintains lists," and that the database, completed at a

cost to taxpayers of \$1.7 million, had never been used for political purposes and simply served to keep track of the correspondence and visits of several hundred thousand people. Toiv said Thursday that the memo given to McIntosh this week is "perfectly consistent with what we have said earlier about the database."

The new memo, received Tuesday by McIntosh's Government Reform and Oversight subcommittee, contains a few lines of undated handwritten notes from what appears to have been a meeting among several White House staff members.

"Harold and Debra DeLee want to make sure WhoDB is integrated w/DNC database — so we can share," the top line says. "Harold" apparently refers to former White House deputy chief of staff Harold Ickes. Debra DeLee is the former executive director of the Democratic National Committee, and "WhoDB" refers to the White House database.

The next line says "evidently POTUS wants this to! (Makes sense)." POTUS is the White House abbreviation for "President of the United States."

McIntosh described the memo as "the strongest evidence to date about the president's intention to use the database for political purposes."

Using taxpayer-funded property for partisan activity is a violation of federal law.

McIntosh's subcommittee began investigating the White House database in mid-1996, long before the full Government Reform and Oversight Committee opened its current probe into fundraising abuses during the 1996 campaign.

# Scientists Find Gene Linked To Risk of Mental Disorders

LOS ANGELES TIMES

UNIVERSITY OF CALIFORNIA, IRVINE

Scientists have identified a gene that they believe increases the risk of schizophrenia and manic-depressive illness — mental disorders that, combined, affect as many as five million Americans.

Although the history of attempts to associate genes with mental illness is littered with claimed links that could not be verified, the new finding seems credible, some experts said. They noted that the mutated UCI gene falls into the same class of mutations as recently discovered genes linked to Huntington's disease, fragile X syndrome and several other disorders of the brain.

UCI geneticist Jay Gargus is scheduled to report to a meeting of the American Society for Human Genetics Friday in Baltimore that the newly identified gene contains an unstable stretch of DNA that grows longer when the gene is passed from parent to child, increasing the severity of the disease and decreasing the age of onset — a hallmark of the new family of genes.

"If our results are confirmed by further studies, this discovery could lead to the development of new tests to identify those at risk for these diseases, and possibly to a new generation of highly targeted drugs with which to treat them," he said.

But Gargus cautioned that the new gene is only one of several whose products combine with environmental factors to produce the disorders.

# Progress Glacial at Global Warming Summit Wrap-Up

LOS ANGELES TIMES

BONN, GERMANY

Their latest round of formal bargaining at an end, international negotiators trying to craft an accord for fighting global warming leave Bonn Friday with little to show for their two weeks of talks.

In sessions that seemed to move as slowly as the climatic phenomenon itself, the negotiators were unable to agree on any of the major differences that faced them when they arrived in Germany. That, in turn, has left in doubt the outcome of a December conference in Kyoto, Japan, at which some final decisions on strategies for combating global warming are supposed to be made.

"The challenges are so formidable. We're talking about fundamentally changing the structure of the global economy and how the global economy uses energy," a senior U.S. State Department official said as the wearying talks entered their final sessions Thursday.

Still unresolved, and the subject of sharp disagreement between the United States, Europe and the developing nations: targets for reducing emissions of gases that are seen as the key cause of global warming, precisely which gases would be regulated and how the reductions can be accomplished.

## MIT dates & deadlines

Upcoming student deadlines and other important Institute dates

This service is brought to you by the Office of the Dean of Students and Undergraduate Education. If you know of important dates we have missed, please send them to [deadlines@mit.edu](mailto:deadlines@mit.edu), and we will add them to the deadlines Web site: <http://web.mit.edu/odsue/deadlines/>

Date	Who	What	Where
<b>Monday, November 3, through Friday, November 7</b>			
Mon 11/3	First-semester sophomores	Deadline to submit Phase I paper to Writing Requirement office	20B-140, 3-3039
Mon 11/3-Sat 12/6	Students, faculty and staff with children	Registration for children's (ages 6-12) Sat a.m. skating class, which begins 12/6	W32-125, 3-4291
Thur 11/6	Undergraduates	Deadline for UROP proposals seeking faculty funding	20B-140, 3-7306
Thur 11/6	Undergraduates	Deadline for UROP proposals for academic credit	20B-140, 3-7306
<b>Monday, November 10, through Friday, November 21</b>			
Mon-Tues 11/10-11	All students	Veterans' Day holiday	
Mon 11/10	All students graduating in 1998; post-docs	Deadline to submit résumé for 1998 MIT Résumé Book	12-170, 3-4733
Wed 11/19	Transfer students	Last day to file transfer credit forms (\$40 late fee)	SSC*, 8-8600, or E19-335, 3-6413
Wed 11/19	All students	DROP date. Last day to cancel subjects	SSC*, 8-8600, or E19-335, 3-6413
Wed 11/19	All students	Last day to add a time-arranged subject that started after the beginning of the term	Advisor & instructor, then SSC*, 8-8600, or E19-335, 3-6413
Wed 11/19	All students, except special students	Last day to petition for December adv. standing exams	Advisor & instructor, then SSC*, 8-8600, or E19-335, 3-6413
Wed 11/19	Undergraduates	Last day to add for-credit UROP registration or to drop UROP	SSC*, 8-8600, or 20B-140, 3-7306
Wed 11/19	Freshmen in XL	Last day to drop OME Seminar XL	7-145, 3-5010
Wed 11/19	All students	Last day to add half-term subjects given in second half of term	Advisor, then SSC*, 8-8600, or E19-335, 3-6413
Mon 11/24	Student with final exam conflicts	E-mail notification from Registrar of rescheduled final exams	SSC*, 8-8600; E19-335, 3-4784
Thur, Fri 11/27, 28	Everyone	Thanksgiving Vacation	

\*The Student Services Center, Room 11-120.

The Center is open Monday through Thursday, 9 a.m. to 5:30 p.m., and Friday, 10 a.m. to 5:30 p.m.

# OPINION

## Letters To The Editor



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## Don't End Dorm Rush

The *Tech* received a copy of the following letter addressed to a number of administrators, including President Charles M. Vest.

As a concerned undergraduate who has benefitted from the current rush system at MIT, I would strongly urge you not to support any decision to eliminate dormitory rush.

By allowing students to choose their place of residence, cultures unlike those at any other college are created in MIT dormitories. To me and many of my fellow residents, this is one of the best things about MIT. Randomly assigning freshmen to dormitories will destroy these cultures within a few years. This will not create unity; it will create homogeneity. These two things should never be confused.

The current rush system is certainly in need of reform, but please do not allow this reform to destroy the good things we already have: diversity and choice.

Christa R. Ansbergs '98

## Standing Up And Stepping Down

I want to thank Ron Loui for his eye-opening column ["A Tragedy With A Difference," Oct. 21]. He well makes the case that President Charles M. Vest should provide a public apology and offer to be removed from his position to atone for his part in the alcohol-related death of Scott S. Krueger '01. The wisdom in his words becomes clear by examining the same high-minded approach as it may be applied to both larger and smaller organizations.

Last week, in the city of Boston, a woman was killed by her husband after a long history of abuse. I think it is fair to point out that Mayor Menino has been made aware that Boston is a city in which spousal abuse occurs. (Five years ago there was a report commissioned to study the issue.) Nonetheless, what has Menino done in light of last week's tragedy? Answer: He proposed a new program of "awareness" about the issue. Clearly this is too little too late. Like MIT, the city of Boston has not cared enough about its citizens to create a healthy environment. Like MIT, Boston has blood on its hands, and like Vest, Menino should step down.

Last month in Denver, a vibrant 17-year-old man, still living at home with his parents, died tragically in a car accident after drinking too much. His parents were aware of the problem, yet they did not care enough about their son to create a healthy environment for him. They should apologize and step down. They

need to let someone else, someone with more moral conviction, someone more pro-actively caring, to parent their remaining children. It is the right thing to do.

Come to think of it, Bill Clinton is aware of the violence, poverty, theft, rape, and disease in America, and yet he lets these problems continue unabated. Sure, he tosses out a few programs here and there, but basically the man has blood on his hands. He should step down and apologize.

I think Loui is on to something. I propose that as long as problems exist in our society, whoever is in charge should take responsibility and step down. What a wonderful world it would be.

David Levy '97

## Real Solutions

The *Tech* received a version of the following letter addressed to a number of administrators, including President Charles M. Vest.

I urge you to consider that the proposed faculty resolution to require all freshmen to live in on-campus dormitories, if put in force, would ultimately fail to address the core issue at hand: whether sufficient guidance is provided by undergraduates and other members of the MIT community in the responsible use of alcohol. The fallacy in the proposed plan is the assumption that students living in dormitories are somehow more controllable and thus safer from the perils of alcohol abuse.

The Interfraternity Council, in conjunction with the Dormitory Council, should draft and implement a clear program on alcohol education to incoming freshmen, preferably taught and enforced by the upperclassmen of each living group. Components of this program should include instruction on the potential dangers of alcohol, discussed in a rational way (i.e. not "alcohol is bad", but more along the lines of what responsible alcohol use means.)

The second component of this program is to invite the faculty to take a central role in the program, by becoming more involved in the social aspects of all of the living groups at MIT. It seems to me that the faculty would be more than happy to be given the opportunity to personally ensure that the new arrivals to this community are given proper guidance in such an important issue.

Ultimately, we should recognize that the success of this approach will depend on the buy-in of the upperclassmen in actually running the education program as well as leading by example. Therefore, I would urge independent living group members in particular to pay more than just lip-service to the importance of this program; they must embrace it

and believe that it is vital to the continued survival of the ILGs. It is only by taking responsibility for their freshmen that the ILGs can show the administration that they have the maturity to be allowed to continue the current way of life.

Edward C. Hahn '90

## Don't Put the Blame On Rollerbladers

In reference to the article "Custodians' Injuries Caused By Skaters" [Oct. 28]: I have a problem with the description of the custodian's task — "to scrub away the scuff marks left by rollerbladers as they skate through the corridors."

I would like to ask how custodians differentiate between the scuff marks left by rollerblades and those left by shoes. I for one know that my shoes (a fairly popular Vans shoe) leave scuff marks on the floors in the Student Center and Lobby 7. I assume that the numerous other people who own these shoes also leave these marks. My skates, on the other hand, do not leave marks. It's ironic that I have to take off my skates when I enter the building.

I would also like to point out that no skates leave scuff marks when an individual is simply rolling; they leave marks only when their wearers turn, accelerate, or stop. Shoes, on the other hand, leave marks every couple of steps unless the wearer is particularly careful.

Don't get me wrong — I feel as bad as the next guy about the custodians. I just think it's sad that the problem is being blamed on skaters.

Matt Klicka '99

## Erratum

The article "Head of Fusion Center and Vest Lead MIT Officials in Total Pay" [Oct. 28] incorrectly identified Richard J. Thome '66 as the head of the Plasma Science and Fusion Center in Japan. Thome is a principal research scientist and associate division head for the Fusion Technology and Engineering Division of the center at MIT. He is on leave to work in Japan. The director of the PSFC, which is located in Cambridge, is Miklos Porkolab. Porkolab did not make the list of highest-paid MIT employees.



FIRST PICTURE BACK FROM THE CASSINI SATURN PROBE

## Opinion Policy

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# Stealing Audiophiles

*When Stealing Means the Click of a Mouse, Music Piracy Is No Surprise*

Wesley T. Chan

I recently visited an illicit Web search site that specialized in the listing of pirated digitized audio files. I wanted to see if the rumors that I could find any song I wanted on the Internet were true. I typed in the name of a popular pop song and found no fewer than 16 computers that had a digitized copy available for me to download with the click of a mouse.

I also typed in both Beethoven's *Moonlight Sonata* and several Beatles oldies. The search engine returned a similar number of Internet computers where I could have downloaded the music. It appears that any song is fair game for posting on of the Internet, regardless of whether it was released three centuries ago or three weeks ago. Chances are, if you know the name of it, you can find it on the Internet.

This wanton piracy of copyrighted music over the Internet seems inevitable given the recent increase in Internet bandwidth and the wide dissemination of MPEG technology — a data compression standard used to encode high-quality digital audio and video files. After all, the process of converting an entire CD of music into digital MPEG audio files is so amazingly simple that practically any computer neophyte can figure it out in a matter of minutes: You simply pop a music CD into your CD-ROM drive, grab the files off using a program called a "ripper," and run them through a program that compresses and transforms your ripped data into CD-quality MPEG files that get uploaded to the Internet. The process is almost entirely automated. Once the MPEG files are on the Internet, anyone online can download them.

The recording industry is up in arms about this new electronic piracy predicament that they're facing. They've shifted their resources from cracking down on counterfeit CD and cassette manufacturers to taking off illegal music piracy sites from the Web.

Electronic audio piracy is so widespread that there are even rogue MPEG distribution Web sites at MIT. In fact, these MIT sites have caught the attention of the Recording Industry Association of America, an umbrella organization that represents a collective of record companies including industry giants

like Capitol Records and Geffen/DGC Records. The RIAA recently sent a cease-and-desist letter to President Charles M. Vest demanding the removal of such sites under the threat of legal action against both MIT and the people responsible for distributing pirated MPEG files over the Internet.

This new problem seems strangely similar to a phenomenon that long preceded the MPEG piracy epidemic. Software piracy has been happening since well before the MPEG compression standard was introduced. Back in 1994, an MIT student, David M.



LaMacchia '95, was indicted for wire fraud by the federal government for allegedly using two Athena workstations as an Internet distribution site for pirated software. A judge eventually dismissed the case.

For years, the Internet has been a hotbed of software piracy. If you ever wanted the latest copy of any game, word processing program, or operating system, even if it wasn't released yet, you could find it on the Internet for free. You could just log on, search for an illegal "warez" distribution site containing the copyrighted software you wanted, and download, for free, programs selling in stores for over \$100 onto your computer.

Unfortunately, the piracy problem, despite the software industry's best efforts to combat it, has become worse than ever. Programs are still being pirated at epidemic rates over the Internet, and the Software Publishing Association, a group analogous to the RIAA, estimates that it lost \$11.2 billion dollars from 543 million pirated copies of commercial software in 1996.

However, both the recording and software industries may soon have something to celebrate. If Congressman Bob Goodlatte (R-Va.) and six of his colleagues in the House of Representatives have their way, the possession of unauthorized copyrighted works "of value" will be a criminal offense punishable by up to three years in jail and a \$250,000 fine. The bill that they are proposing is called the "No Electronic Theft" or "NET" Bill.

Goodlatte, in an introductory statement in the House this past July, remarked that "pirating works online is the same as shoplifting a video tape, book, or computer program from a department store." Calling the Internet the "Home Shoplifting Network," Goodlatte compared the act of digital piracy to the idea of an individual "making millions of photocopies of a best selling book and giving them away."

But even in the face of new legislation and all the cease-and-desist letters that the SPA and RIAA sends, the celebration won't last for long. Electronic piracy of software and music will most certainly continue at epidemic rates. Until Goodlatte and those who think like him realize that copying a program or grabbing a song off a CD is a lot easier and cheaper than making a million photocopies of a book, no deterrent to piracy will work. And given the past track record of pirates, as we discover newer and more efficient ways of digitizing different types of media, electronic piracy will expand well beyond software and music.

If the current trend continues, pirated full-length movies, among other things, may be available over the Internet in less than a couple of years. The lure of getting something for nothing is just too great, and despite any new legislation or ineffective legal threats, more and more industries will find themselves in the same piracy predicament that the software and recording industries currently face.

# Creating Life Beyond Alcohol

Guest Column  
Michael A. Behr

A few weeks ago, the national organization of Phi Gamma Delta announced it would become alcohol-free by the year 2000. Around the same time, a proposal to ban alcohol at all University of Massachusetts campuses was passed. History tells us that they will never work. Louisiana State University is dry, and a freshman still drank himself to death two months ago. And don't forget that whole 18th Amendment thing.

MIT is a stressful environment, and students search for anything that will help relieve that stress. Ban alcohol, and drinking will take place off campus or behind closed doors. For some students, alcohol might be replaced by drug use. The worse scenario is if it's not replaced by anything, because the stress will build up to an uncontrollable level that culminates in student suicides. Even only a few weeks into the temporary ban, students are showing signs of stress buildup.

We all understand why the temporary ban is in place. The media jumped at the chance to expose "the prevalence of underage drinking at even the most upstanding universities." Folks like the Extropians and Scott R. Velazquez G and Robert Plotkin '93 (basically anyone who's got a grudge against MIT) made it worse by walking up to reporters proclaiming, "We warned them! We told them there was underage drinking on campus, and they refused to listen!" A temporary ban was the only thing that would make the news trucks go away.

But the news trucks are gone now, and it's time for more permanent solutions. Back when all this started, students got the impression that the administration would actually listen to us and not just hand down ultimatums. "Everything will be on the table," President

Charles M. Vest said. Students are not, as many claim, apathetic about MIT; we just never felt that anyone would listen to us. I hope Vest was sincere, because a lot of good ideas have come out of recent discussions.

First, don't create a freshman dorm. Freshman year is pass/no-record because it brings the freshman up to speed with the MIT community. Freshman dorms would negate that. Plus, if it weren't for upperclassmen willing to help the freshman with their 8.02 problem sets, the freshmen would never get done. Networking is not a big part of life in just frats; it's in dorm life, too.

Second, don't ban alcohol on campus. In addition to all the other reasons, such a move would shelter students too much. College is supposed to teach us about skills we'll need all our lives, and dealing with the presence of alcohol is one of them. If I were an administrator or a faculty member, I would have trouble sleeping at night knowing that I was sending my students completely unprepared into a world where drinking is part of the culture. Instead of dying in frat houses, they'd die at their graduation parties.

The current alcohol policy is very tough, but restrictive policies can go only so far. MIT should instead take a more progressive approach to reducing drinking. How about educating students about drinking? Teach freshmen how much is safe, how to say "No thanks," how to properly deal with drunk people, and how to recognize when something is wrong. Teach them CPR so they can save a friend's life when something does go wrong.

And instead of trying to prevent students from drinking, try to prevent them from wanting to drink in the first place. Why do students drink? Some drink as part of hazing rituals at fraternities. A responsible adult in a frat house (like a "house mother") will stop a lot of hazing rituals.

Students also drink because they're stressed. MIT should expand counseling ser-

vices — and not just at the Medical Center. A sympathetic ear can go a long way. Even nightwatchmen, who are already in dorms checking up on us two or three times a night, could fill this role. Some voluntarily develop a rapport with students in addition to their other duties, but not all do. How hard would it really be to train nightwatchmen in basic counseling skills?

Most of all, MIT needs to provide other outlets for stress. Why do so many students go to frat parties on Friday or Saturday nights? The answer is that there's nothing else to do in Boston. Dance clubs are almost all 21+, and the few 18+ pool halls and bowling alleys in the area are all very busy. Don't even ask about what options our 17-year-old freshmen have.

At Cornell, the student center is the center of student life. There are movie theatres, bowling alleys, pool halls. What does ours have? A tiny arcade and a huge Athena cluster. Give us a real activities complex. Land should not be not a problem: Building 20 is being knocked down, the Alumni Pool is soon becoming obsolete, Walker Memorial is mostly wasted space, and that's not even mentioning Albany Street. Put in alcohol-free commercial entertainment centers directed at 18 to 20-year-olds, and you'll have students from every college in Boston lining up at the door.

Yes, some of these ideas may prove expensive but not prohibitively so. Alumni donations and private investors could provide the start-up fees, and a properly run entertainment center will be very profitable. But an entertainment center just doesn't have the same ring as a permanent alcohol ban, even though it may actually be more effective. The question is this: Do administrators and faculty sincerely want to reduce underage drinking or just sound as if they do?

Michael A. Behr is a member of the Class of 1998.

# A Policy Not So Intuitively Obvious

Guest Column  
Mark A. Herschberg

I have become rather alarmed at the disregard for science the MIT faculty have shown recently.

As an undergraduate here, I was taught the scientific method: Propose a hypothesis, find data to support or disprove it, and draw conclusions from the results. Yet the same faculty that are espousing these principles in the classroom have put on their blinders and are railroading new, unanalyzed policies in faculty meetings.

Within a few weeks of the death of Scott S. Kruger '01, the faculty have called for a seminar on binge drinking. I applaud the faculty for this, since it would allow us to research what many consider to be a problem. But why then, when the members of this group have yet to be appointed, have some in the faculty called for all freshmen to live on campus? Why collect data when the conclusions are preordained?

I have not heard any official reason for the proposal to house all freshmen on campus. I can assume only, given the time when it was made, that it stems from the recent alcohol-related incident on campus and the belief that the proposal would decrease the chances of a repeat incident. I'm sure students in Junior Lab are happy to learn that a single data point is now considered conclusive evidence.

Many people are happy with the current living arrangement, although there are quite certainly some who dislike it. Quite simply, MIT needs to have a good reason to change the current housing system, not because a few unfortunate incidents took place or because one professor considers our current system an "accident of history" ["Faculty Criticize Current R/O System," Oct. 17]. To house all freshmen on campus, MIT first needs to prove that the overall happiness of students would increase. Of course, a reasonable trade-off for happiness is safety. If MIT can show that the plan will make MIT significantly safer, that would be acceptable, too, even if happiness would decrease.

I would like to remind the faculty what is involved in such a proof, since it is not intuitively obvious. It must be shown that independent living groups significantly increase unsafe behavior more than dormitories. Note that finding a simple correlation is not sufficient because there may be an independent factor causing such behavior which will not be eliminated by the new policy. Upon proving causality, the faculty must then show that the new proposal removes the cause without introducing new agents and thus increases the overall safety of the students.

Only when the above criteria has been met has a rational argument for changing the housing system been made. Then this proposal's pros and cons must be weighed against those of alternative proposals. Until such arguments have been made and debated, I submit to the faculty that they must table their measures and research the problem.

There is another aspect to this issue, which the MIT faculty also have avoided — a rational distribution of resources. During the last few years, MIT has found both its budget and housing to be tight. Housing all freshmen on campus would clearly put added strain on these problems. Still, if the benefits outweigh the costs, moving freshmen to campus is a rational course of action.

If MIT is willing to go to such an effort for one alcohol-related death in the history of the institution, why is it so stingy in dealing with other problems that may yield better returns? Suicide comes to mind, since there have been an average of 1.4 student deaths a year since 1964, according to one dean.

MIT is spending your tuition money; they should certainly justify to you that it's been appropriately spent. As of yet, I have not seen a shred of evidence that we can save more lives by forcing freshmen to live on campus than by say, providing more accessible counseling services to MIT students.

The nation is beginning a witch hunt, against alcohol and against fraternities. Lately there's been talk of how students make irrational choices under peer pressure. The rest of MIT is not immune from this fault and is currently facing tremendous pressure from the media and from parents. Banning alcohol and hiding all the freshmen in on-campus housing seem like an easy fix, but that isn't justification for such a change.

Mark A. Herschberg is a graduate student in the department of computer science and electrical engineering.

# ...The Good News **NETWORKS**

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# THE ARTS

**MOVIE REVIEW**

## Switchback

*The race is on for The Year's Worst Movie*

By Vladimir V. Zelevinsky  
STAFF REPORTER

In the first scene of *Switchback*, a woman is walking around a large, dark, ominous house, with shadows all around; the music score is full of suspense and foreboding. Then something attacks her! No, wait, it's just her cat. Half of the audience jumps in their seats; the other half groans. Next, the real killer attacks her. Half of the audience jumps higher; the other half groans louder. Soon, the groaning half is staring at the jumping half: what, have these people never seen a standard-issue suspense thriller?

And *Switchback* is strictly standard-issue, groaningly, jaw-droppingly so. It's no small achievement to surpass the recent turkeys in the desire to get the coveted "worst movie of the year" trophy, but this one is a good candidate for such dubious honors. The plot (as far as you can gleam one) concerns, roughly in the order of the appearance: diabolical killers, kidnappings, blood 'n' gore, local politics, crusty old sheriffs, suspicious hitchhikers, homicidal rednecks, fistfights, more blood 'n' gore, flaky policemen, tough FBI agents, shootouts, guns... The list goes on and on, but at no point does it get interesting.

At least, that's what I remembered just two hours after seeing the movie; the fine points, subtleties, and subtext of the plot must have eluded me.

The screenplay feels like it was put together in one sitting, with little effort given to

remove at least some of the larger plot holes and have the story make at least *some* sense. When the movie backs itself into a corner, without any idea how to proceed further, or how to explain the numerous implausibilities which already occurred, it cheerfully invents some new implausibilities to solve the problems created by the old ones. This creates an avalanche, and the result is a total mess. Which is a disappointment given that the story was written (and directed) by Jeb Stuart, who also co-wrote both *Die Hard* and *The Fugitive*.

Since *Switchback* is a thriller, and its happy conclusion can be predicted around two minutes into the movie, it tries very hard to create at least something resembling suspense. It tries to make just about everyone on screen appear suspicious and harboring some dark secret; most of these are just red herrings, and the actors' attempts to establish the characters are doomed to fail. The music score and cinematography are utterly forgettable; the editing mostly involves cutting away just before something interesting happens. At least the locations (the movie takes place and was shot in Montana and Colorado) look nice.

All in all, a rare groaner. Save your money, time, and brain cells.

*Written and directed by Jeb Stuart  
Starring R. Lee Ermey, William Fichtner,  
Danny Glover, Jared Leto, Ted Levine, Robert  
Peters, Dennis Quaid.*

**MOVIE REVIEW**

## Devil's Advocate

*Al Pacino vs. ... Keanu Reeves? Don't laugh.*

By Vladimir V. Zelevinsky  
STAFF REPORTER

If there were an award for Best Career Choices, it should definitely go to Keanu Reeves. He shocked the whole Hollywood community by turning down a part in *Speed 2*, which was supposed to be a sure thing. Now with the remnants sitting squarely on the bottom of the ocean, Reeves' reason for the refusal is clear: he must have read the script. And now he acts in a religious horror morality tale against Al Pacino, whose explosive acting style is as far removed as possible from Reeves' minimalistic emoting. The most surprising thing is that it works. *Devil's Advocate* is a big, bombastic, overloaded movie, which tries to do too many things at once — and, strangely enough, succeeds in providing more than two hours of solid (and frequently intelligent) entertainment.

A young attorney, Kevin Lomax (Reeves), who hasn't lost a single case in his career, is hired by a prestigious New York firm. He moves into a posh west side apartment building and starts to get inside the glitzy high-class life, power machinations, and high-profile criminal cases, all of which might not be quite kosher. Meanwhile, his wife Mary Ann (Charlize Theron) just wants a baby. Hovering over it all is the mysterious and charismatic senior partner of the firm, John Milton (Al Pacino), who travels exclusively underground, likes to have a fire burning wherever he is, and wears shoes with high heels, perhaps to hide... hooves?

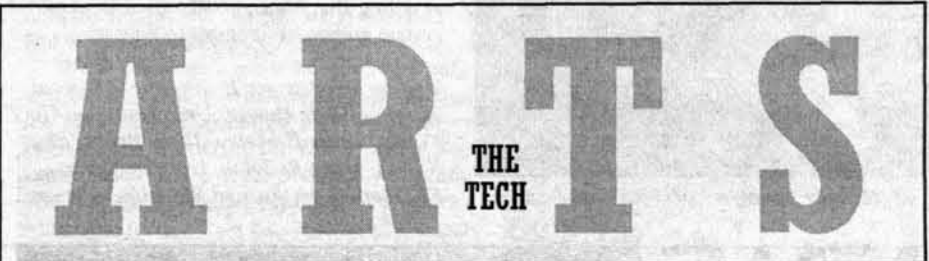
It looks like Reeves was taking acting classes, because he manages to hold his own against his co-star. While his character still seems ill-at-ease when delivering more than one sentence at a time, Reeves' portrayal overall isn't embarrassing, and sometimes quite good. It's possible that his acting seems to be so accomplished because Pacino's performance, for two hours, consists of only six

or so randomly repeated mannerisms. In the last 10 minutes, though, Pacino shows that he still is one of the greatest living actors. He completely abandons any restraints, and lets all hell break loose, resulting in a magnificent, fully-realized performance which completely grabs the attention while Milton delivers a big monologue, concerning matters human, divine, judicial, and hormonal. It's grandly entertaining (aided by some very impressive special effects), and a lot of fun to watch.

This very much stacks the deck. When the protagonist is a blank-faced everyman, and an antagonist has all the charisma, it results in an awkward imbalance — it's hard for a movie to work when most energy is spent to create an interesting villain. But *Devil's Advocate* is saved from this pitfall, and the rescue comes from the least expected person: a relative newcomer Charlize Theron, who at 22 has had only a couple of small movie parts before (*2 Days in the Valley*, *That Thing You Do!*).

Here she is an eye-opener, getting a well-written supporting part, and giving what is probably the best female — scratch that — the best acting job of the year. When *Devil's Advocate* starts, Mary Ann is a bleached blonde with not a single thought in her head; two hours later she's completely shattered, mentally and physically broken after seeing the face of evil. The seamlessness and conviction of her performance is very impressive. Although there isn't a Best Career Choices award, there is a Best Supporting Actress award, and Theron fully deserves it.

*Directed by Taylor Hackford  
Starring Keanu Reeves, Al Pacino, Charlize  
Theron, Jeffrey Jones, Judith Ivey, Connie  
Neilsen, and Craig T. Nelson  
Written by Andrew Neiderman (novel),  
Jonathan Lemkin, and Tony Gilroy.*



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## MOVIE REVIEW

# Gattaca

*You can only hide from your DNA for so long before it catches up with you.*

By Vladimir V. Zelevinsky  
STAFF REPORTER

A great idea does not necessarily make for a great movie. There are enough interesting ideas in *Gattaca* to recommend it, but their realization is very uneven, resulting in an thoughtful but emotionally uninvolved movie which combines exciting sequences with stretches of boredom.

Cloning and genetic engineering seem to be the hot topics of the year, and *Gattaca* projects the current trends into a not-too-distant future to create a bleak and sterile picture of a future society, where the desire for perfection had resulted in nothing but conformism, and where every single cell, hair, or drop of blood can identify their owner.

Vincent (Ethan Hawke) is an "in-valid," a

person who was conceived naturally instead of being genetically engineered. His genes are highly imperfect, giving him bad eyesight and a weak heart, which means he can't get a prestigious job and is forced to work as a janitor. But Vincent also possesses fierce determination: he wants to join Gattaca, the elite corps of astronauts, and fly away to stars. So he enlists the help of a shady black-marketer who

sells genetic identities.

Vincent is introduced to Jerome, a man who has perfect chromosomes but is confined to a wheelchair with a broken back. For a sizable fee, Jerome provides his appearance and "genetic material," mostly bodily fluids, so Vincent can pretend to be Jerome, pass the genetic tests, and enter Gattaca. An interesting story, don't you agree?

Unfortunately, this isn't the story of *Gattaca*. All of the above is compressed into a twenty-minute flashback and placed in the first half of the movie. When we are first introduced to Vincent, he had already joined Gattaca, and all the suspense behind "is it going to work?" has gone. The rest of the movie involves a pointless subplot about Vincent's romance with a fellow Gattaca worker Irene (Uma Thurman, in a one-note performance), and an almost-as-pointless murder mystery subplot. The latter serves mostly to have a couple of highly suspicious cops perform repetitive genetic tests on the entire Gattaca staff. Some of Vincent's attempts to avoid identification are exciting (how would you cheat on a blood test?), but they grow repetitive quite soon.

Still, even in the second half, there are elements in the movie which make it worth watching. The production design is striking, with the images of a stormy sea contrasting with Gattaca's sterile and uniform interiors. Some minor details are also well placed — the spiral staircase in Jerome's apartment is shaped like a DNA helix, and well used in what might be the movie's most suspenseful scene. The careful viewer will also notice that the word 'Gattaca' consists only of the four letters which denote DNA components. Finally, the relationship between Vincent and Jerome is interesting to observe and rings true psychologically.

While the details are well-observed, the main narrative of *Gattaca* has some fundamental problems. It often lacks the sense of true excitement, even the struggle of its protagonist fails to get us emotionally involved. Finally, it is telling that Vincent only tries to outwit the system and never attempts to fight it.

Written and directed by Andrew M. Niccol  
Starring Ethan Hawke, Uma Thurman, Gore Vidal, Xander Berkeley, Jayne Brook, Elias Koteas, Maya Rudolph, Una Damon, Elizabeth Dennehy, and Blair Underwood



In *Gattaca*, Jerome Morrow (left, Ethan Hawke) uses someone else's DNA to join Gattaca, which only accepts "perfect" applicants.

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- 1) 佛展千手法，核心就是舒展，使百脉皆通。
- 2) 法轮桩法，属于提高层次，加持神通的全修方法。
- 3) 贯通两极法，用宇宙之气和体内之气混合贯通，净化身体。
- 4) 法轮周天法，最大特点是用法轮的旋转来纠正人体的不正确状态，达到全身气脉畅通无阻。
- 5) 神通加持法，是静功打坐秘炼之法，李老师特将此功传度有缘之士。

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# Scoop

By Teresa Huang

**S**coop is your guide to what to do on the weekend. Yes Virginia, there is laughter and enjoyment outside of MIT. Don't take this as the final word on what's hot and what's not, but just think of it as a few suggestions. Recommendations, if you will. You certainly don't want to spend your whole weekend in Athena playing xbombs, do you?

**Charming indeed.** ABC makes television history this Sunday at 7 p.m. when *The Wonderful World of Disney* presents the very first multi-racial rendition of *Cinderella*, starring Brandy Norwood of *Mo'Nisha* fame as the rags to riches gal and Whitney Houston as her fairy godmother. Filling out the fantastic cast are Whoopi Goldberg and Victor Garber as the King and Queen, Jason Alexander as the Steward, and Bernadette Peters as the Wicked Stepmother. Best of all, Disney has cast unknown Paolo Montalban as Prince Charming. Imagine, the idealized epitome of manliness played by an Asian male. It's about time! Early buzz about

the film is enormously confident, hailing it as a showcase of racial harmony and a positive modernization of an incredibly unfeminist fairy tale.

**Word to the wise:** Buy your plane tickets for Thanksgiving now. If you haven't yet, be warned that plenty of people already have, so get moving if you don't want to be stranded at MIT. If you want the best deals, check out Travelocity at [www.travelocity.com](http://www.travelocity.com) and get the lowest last minute fares available, information about companion fare deals, and links to super saver sales at all the airlines. Sign up for their Fare Watcher e-mail program and you'll get e-mail when a fare you're waiting for comes around. You can even buy your ticket online.

**Where's the beef?** The Border Cafe, Chili's, and Pizzeria Uno's aren't the only places to eat in Harvard Square, you know. If you're in the mood for a burger the size of your head, visit Bartley's Burger Cottage on 1246 Massachusetts Avenue, next to the Harvard Bookstore. A huge variety of burgers and Elvis shakes, too! Go just to see their interior decorating. This isn't one of those oh-so-trendy but shiny new restaurants, but obviously one that's matured over time and accumulated quite a collection of road signs and posters. Trying their sweet potato fries is a must.

**Vintage bargains galore.** Need a last minute costume for Saturday night? Discover the wacky treasures at the Garment District at 200 Broadway. Cambridge's best alternative department store, the Garment District sells used clothing and accessories for great prices and also has sections for costumes and recycled clothing. They'll be open late until 9 p.m. all weekend for all your Halloween shopping needs. Go before 2 p.m. and you can visit their super-bargain basement Dollar-A-Pound. Yeah, you've heard of this place — stuff a garbage bag with anything you want and pay only a dollar per pound. On Friday's, pay only 50 cents per pound.

**Do you like scary movies?** Looking for a Halloween weekend video? Rent *Scream* with Neve Campbell and Drew Barrymore and remember not to leave the room once it's playing. Okay, it's mainstream and horror film fanatics will tell you this isn't a real horror film, but it's definitely a scary movie and darn clever at that. Plus, with the mondo-publicized sequel coming within the year, it's just one of those things you gotta see if you want to be with the times.

**The truth is finally here.** The long-awaited season premiere of *The X-Files* airs on Sunday night at 9 p.m. on Fox. Like you didn't know that already.

## GAME REVIEW

# Quake II

Attention to detail gives sequel new thrills

By Mark Huang  
STAFF REPORTER

**A**ttention to detail really makes me happy. If I'm tooling a problem set, and I answer every part of a question from 1.a.i.(1) to 5.k.iii.(7), I feel rather proud of myself. If I'm looking through my bursar's bill, on the other hand, and I see lumped unmarked charges of -\$3,141.59, I feel extremely unhappy.

While I wouldn't liken the original *Quake* to a bursar's bill, I would venture to say that the comparative attention paid to detail in *Quake II* is worthy of the finest praise, the same praise a 5/5 final problem set grade deserves. In *Quake II*, your guns have kickback and recoil. You can selectively target enemy body parts. Concussion blasts slap you like the IRS, and explosions blind you if you get too close. Some enemies thrash around in death throes before dying and being consumed by flies. Others just splatter on the walls and dirty up the place. I must admit, it was exciting to witness a chunk of bloody meat hit the wall — and then slide down!

Before playing it myself, I had read about *Q2*'s level of detail in other magazines. I wasn't overly impressed; when you get down to it, detail like exploding toilets and dancing prostitutes is just so much more interesting than agonizing death scenes and realistic guns. Nevertheless, id's been in the shooter business for longer than anyone, and it's the culture they've created that's making the wait for the final *Q2* unbearable. The new detail is a nice addition (and it makes me happy), but it's not going to be the sole contributor to *Q2*'s inevitable success. What's going to



make *Q2* fun despite the fact that other games have it beat in the individual events — *Flesh Feast* for Pure Disgusting Antics, *Shadow Warrior* for Offensively Funny Detail, and *Postal* for Disturbing Random Violence — is that playing it is going to bond gamers, once again, to a huge community founded and

encouraged by id.

The community gives even the most rejectable hacker a shot at becoming the master of an art. The art of *Quake* isn't just in the playing — otherwise, those twelve-year-old brats with reflexes like cats would be ruling the Clans — it's also in the hacking of the

code to produce bigger and better things like *QuakeWorld* or *Capture the Flag*. The id community gives CS majors all over the world the chance to reclaim their superiority over the personal computer. To be a master of an art like *Quake* (and now *Quake II*), not only do you have to have a computer — which isn't so hard anymore — you have to know how to use it, too.

As for the game itself, it's a pretty straightforward sequel. The plot of *Quake II* is identical to its predecessor: whip out can, unload, whup-ass (something about aliens and Space Marines, too, but I forget). The playability, however, is different enough to warrant mentioning. A lot of new variables, such as non-idealities in your weapons (sub-light-speed bullets, kickback) and annoying realism (concussion, blood in the eyes), make playing sneakier and more conservatively a good idea.

I recommend buying a 3Dfx card for maximum single-player enjoyment, with one reservation: the graphics are breathtaking, but a bit distracting. At 320x200, you pay attention to your surroundings just enough to go in, kill, and come out. At accelerated 640x480, clouds move through the sky, bullet holes appear in your enemies' chests, lights and shadows flicker around you, and the gameplay is just a little too smooth. I can't explain it beyond a firm claim that it distracts you from your work.

I wouldn't call *Quake II* the final nail in the coffin of 3D shooters, but it will definitely be the last one I'll buy in the near future out of peer pressure. My reflexes, and paycheck, just aren't what they used to be.

Next week: *Tomb Raider 2*  
Visit the MIT Gamers web site at <http://the-tech.mit.edu/~markman/> for demos, links, and more.

For Windows 95  
By id Software  
Release Date: 11/18/97

## MOVIE REVIEW

# Critical care

Do you really want these people taking care of you?

By Vladimir V. Zelevinsky

STAFF REPORTER

**S**idney Lumet's career spans more than the last 40 years, and includes such masterpieces as *Twelve Angry Men* and *Network*. The first put on trial the jury system, and the latter shone spotlight on the network television. *Critical Care*, Lumet's 41st movie, is a methodical dissection of American medical system. It's definitely not in the same range as the two movies mentioned above, but still very much worth a look.

Modern medicine is advanced enough that it can keep people alive almost indefinitely. Critical care units hook the patients to the oxygen fans, dialysis machines, intravenous feeding tubes, etc., so they can be kept "technically alive." Dr. Werner Ernst (James Spader, looking somewhat bored through the first hour of the movie) is on his second year of residency at the technologically advanced critical care unit at one of the America's foremost hospitals. He is on the fast track toward a great career and prosperity — could his future be any brighter? Well, no. This future is not going to be as perfect as he wishes. When two daughters of a comatose patient can't agree if they should keep their father on life support, Dr. Ernst finds himself in the center of a medical, moral, and legal crisis, from which he might not be able to escape intact.

*Critical Care* raises burning questions about the nature of medicine, euthanasia, and greed and money influencing ethical decisions. It should be credited to both director Lumet and screenwriter Schwartz that the movie doesn't feel like an essay on the given topic. As the matter of fact, the serious nature of its ideas doesn't make the movie itself serious. For most of its time (with the exception of a handful of serious — and remarkably unconvincing — scenes toward the end), *Critical*

*Care* is a comedy, or, rather, a darkly comic satire.

Starting from the opening shot of the high-tech environment of the hospital, while the soundtrack cheerfully informs "thigh-bone is connected to the knee-bone", the movie starts successfully treading on a very fine line. There is a lot of funny stuff in the movie: sharp dialogue, unexpected twists of the plot, and satirical portrayal of doctors, lawyers, and the like. On the other hand, it often feels like the audience shouldn't laugh — it should scream. After all, if these are the people we trust with our lives, then something is definitely wrong with the system.

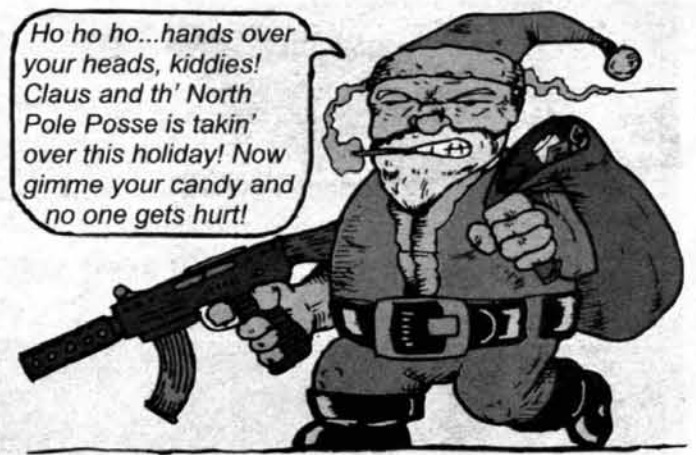
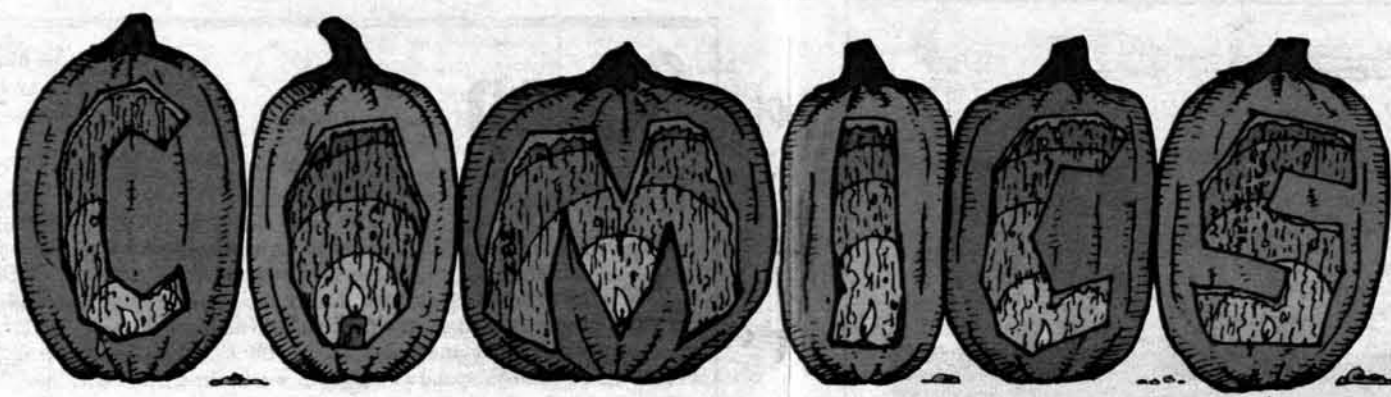
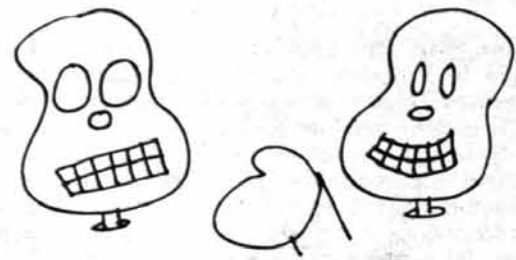
If only *Critical Care* remained a black comedy for all of its two-hour running time. While it is edgy and morbidly funny, it works. (One unexpected treat: an appearance by Wallace Shawn — a bald pirate from *The Princess Bride* — who plays, quite literally, a cackling demon). But it turns preachy toward the end (when Shawn is replaced by a humorless Anne Bancroft as an angelic nun). Fortunately, the movie still commands some attention even in the weaker last half an hour; the resolution of the main plot is well done, and Spader actually does some neat acting.

The time will show, I guess, if *Critical Care* will overcome its shortcomings (the fact that it feels timely might make it outdated faster) and join other Lumet's films in gaining the status of "classics". In any case, go and watch *Twelve Angry Men*; it was made more than 40 years ago, and it is still brilliant.

Directed by Sidney Lumet

Starring James Spader, Kyra Sedgwick, Helen Mirren, Margo Martindale, Jeffrey Wright, Wallace Shawn, and Anne Bancroft  
Written by Richard Dooling (novel) and Steven S. Schwartz

OFF COURSE  
by  
HUGO



Ho ho ho...hands over your heads, kiddies! Claus and th' North Pole Posse is takin' over this holiday! Now gimme your candy and no one gets hurt!

HERE'S THE DRILL... WE'LL TELL THE KIDS THAT THE CANDY WAS STOLEN BY A POWERFUL BUT HIDEOUS-LOOKING MAN

THEN NE'LL TELL THEM THAT HE WAS HEADED FOR THE BROOM CLOSET

WHEN THEY COME IN, YOU JUMP OUT AND SCARE THEM. GET IT?

LATER... HEY LADY... THERE'S A MAN IN THE CLOSET TELLING KIDS HE'S BILL GATES

BROOM CLOSET

BROOM CLOSET

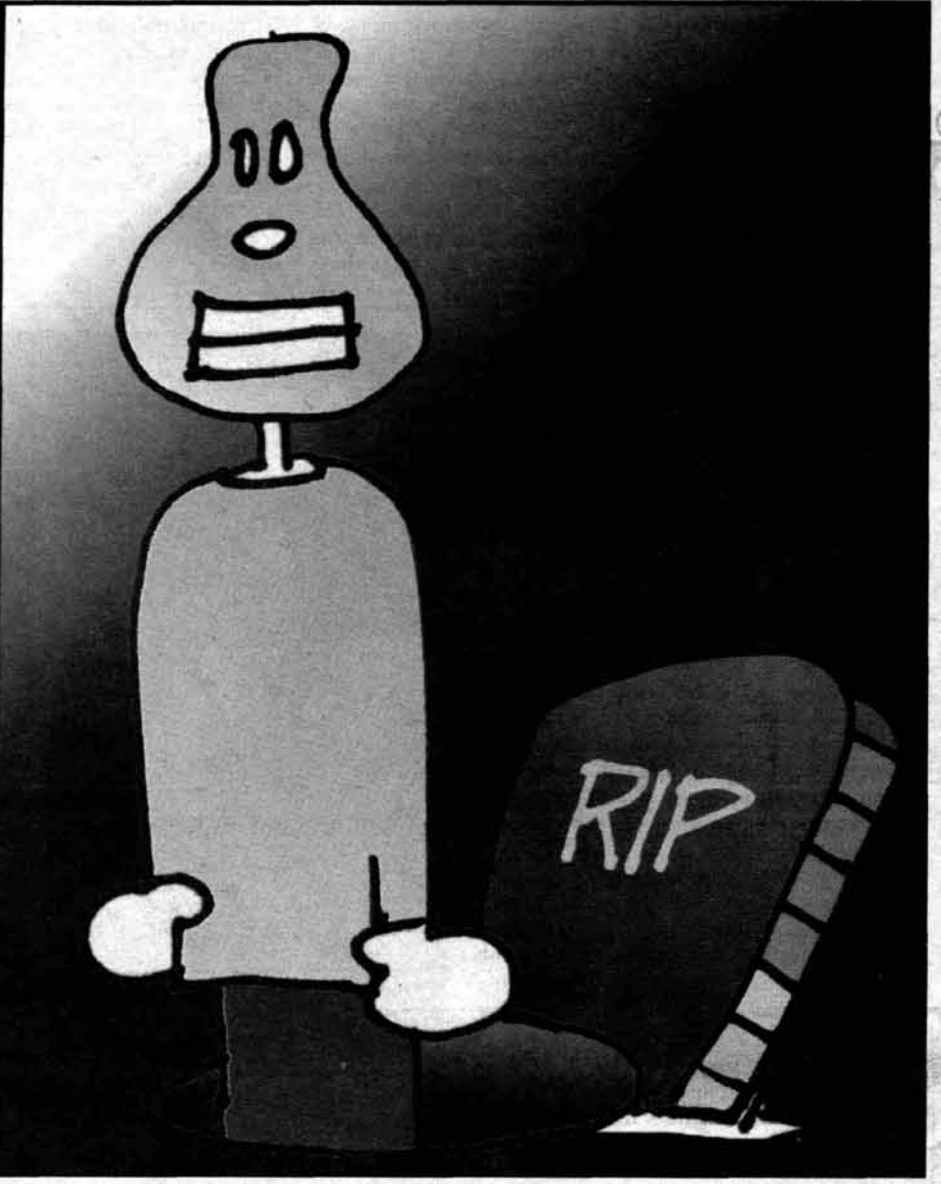
BROOM CLOSET

BROOM CLOSET

GOT IT.

10/31

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# THE TECH

**RHINO MAN** Halloween Special by Zachary Emig

Guest Starring: **JOE SMUG**

Halloween night

Uh...yeah, same to you. The name's Rhino-Man, and you are..?

Nice to meet you. By any chance are you on the way to a costume party up the hill?

Yeah.

So, Joe, what do you do?

Not much. For a while I was a student at MIT, but lately I

Shhh! Do you hear that?

scratch scratch

scratch

plop

POP!

©1997 Zachary Emig

email: zbeemig@mit.edu

**GOOD GOD!** It's Jon, from "Jon's Journal"! He's risen from the dead, an unholy zombie!

Friday I rose from the grave.

Brains. I need brains.

I was hungry for brains.

That inane commentary...Quick, Joe, do you have any holy water?

Uh...

No.

But would kerosene do the trick?

Ouch.

I like your style, Joe. You're all right!

Whatever, "Rhino". You still owe me \$5 for the kerosene, "pal".

**DAMMED FOR LIFE**

by Jessica

TRICK-OR-TREAT!

SMELL OUR FEET!

GIVE US SOMETHING GOOD TO EAT!

HOW DISAPPOINTING! I REMEMBER GETTING A LOT MORE CANDY WHEN I WAS SMALL.

YOUR FEET PROBABLY ALSO DIDN'T SMELL AS BAD...

HAPPY R.I.P. ALBERT 1918

**Noun Poetry** by Katy-Cat

HERE LIES HAPPY SLUG... RIP

Transylv Concubine 1977-1

ghastly ghoul

complete and utter fool

candy

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Next Issue: Over sushi, Rhino-Man reveals to Mariko what he fears most.

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# Upcoming Elections for City Council Affect MIT Students

By Susan Buchman  
STAFF REPORTER

Cambridge City Council elections will take place next Tuesday; several candidates have connections to MIT and the platforms of others directly affect the Institute and students. Registered students residing in Cambridge are eligible to vote.

A brief description of several city council candidates and dominant issues in the race follows.

Kathy L. Born '77 is running her re-election campaign on the theme "Common Sense for Cambridge." Born, currently the Vice-mayor of Cambridge, cited increasing affordable housing as an important step towards the goal of preserving the city's diversity of income and race.

She has worked to have "Stop for Pedestrians" signs and bicycle lanes installed to protect pedestrians and cyclists. Born also said that she is a believer in fresh ideas and will take the concerns of students seriously.

Frank Duehay has regularly had MIT students involved in his campaigns. In addition, he also serves on the board of Tutoring Plus, a tutoring program partially funded by MIT. Duehay has lobbied Washington for increased student aid and funding for university research. The former

mayor and school board member said that the best place to start on today's challenging issues is in the community one inhabits.

### Gentrification an issue

Several candidates have responded to environmental issues and to the threat of gentrification in Cambridge and Central Square in particular.

Roger Frymire has a self-described "green" agenda. He has worked to combat the dumping of sewage into the Charles River, and he said he hopes that Magazine Beach will one day be swimmable.

Responding to recent building trends, Frymire said he believes that new housing should take precedence over the construction of office towers. In addition, he is in favor of a river front park at MIT similar to Riverbend Park near Harvard University.

Frymire said he favors campaign finance reform and term limits, and he has promised to spend only his money on his campaign. He urged students to realize that they can take a majority on the council.

Another candidate concerned with the environment, Henrietta Davis, has advocated preserving the

riverfront and the quality of water in the Charles River. She founded the group Friends of Magazine Beach to pursue those goals. Affordable housing, control of development, support for schools and families, and control of traffic and transportation are the main issues facing Cambridge, she said.

Davis said she will push for increased MBTA service and that she was in favor of the supermarket soon to open in University Park that will serve MIT students.

Responding to concerns of gentrification in Cambridge, candidate Katherine Triantafillou said she hopes to preserve affordable housing and create 2,000 new homes by the year 2007. She is a proponent of managed growth that will fuel the economic base without overwhelming neighborhoods.

The council should hire a skilled city manager to take Cambridge into the next century, she said.

### MacKinnon to donate salary

Ian MacKinnon wishes to make Cambridge an arts-friendly city. He advocates more grants for lesser known artists and affordable studio

Elections, Page 16

# Enrollment in VI-2 Soars Dramatically

Majors, from Page 1

the Sloan School of Management, with 53, rounded out the five most popular departments.

### Course VI sees internal shifts

The number declaring VI-3 (Computer Science and Engineering) dropped off significantly, falling to 119 from 153 last year.

The number of sophomores declaring VI-2 (Electrical Engineering) rose from 125 last year to 167, and the number choosing VI-1 (Electrical Science and Engineering) dropped to 51 from 80 last year.

The Department Aeronautics and Astronautics saw its sophomore declaration level increase to 41 students. "The aerospace business is hiring like crazy," said Department Head Edward F. Crawley '76. The job market in the industry will remain favorable for the next several years, he said.

However, Crawley said that the apparent increase in enrollment is not as steep as it seems. As with some other courses, a significant percentage of each Course XVI class transfers to other majors, he said. Course XVI is difficult to transfer into due to the Unified Engineering class requirement.

Economics, already the largest program in the School of Humanities and Social Science, continued to grow this year. In all, 40 sophomores chose Course XIV this year, up from 25 last year.

Department Head Paul L. Joskow said that the number of students majoring solely in economics has more than doubled over the past 10 years. He attributed part of the success of the course to its graduate program. "We... have the best PhD program in economics in the world." Economics is also a good double major in engineering fields as well, Joskow said.

The rest of the courses underwent relatively minor fluctuations.

## On the Surface of Things

Images of the Extraordinary in Science

Felice Frankel & George M. Whitesides

speaking about their new book  
On the Surface of Things  
published by Chronicle Books.

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How many electrons can dance on the head of a pin? What do DNA strands look like when being chased by an electrical charge? Photographer Felice Frankel teamed up with world-renowned scientist George M. Whitesides to explore the hidden visual splendor of scientific phenomena, from cutting-edge nanotechnology to DNA sequencing. She captures on film the chance explosions of beauty and color that occur when one surface meets another, and the lyrical abstractions of such phenomena as liquid crystal film and the migration of bacteria. Professor Whitesides adds a lucid and engaging text to explain each photograph and the processes depicted. The results are startling and illuminating.

"Every image is a scientific question, a wonderment, a poem."

—Alan Lightman

Felice Frankel is a Guggenheim fellow, artist-in-residence and visiting lecturer at MIT. George M. Whitesides taught at MIT for 19 years and is now Mallinckrodt Professor of Chemistry at Harvard University.

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Planning Presents

**Nicholas Lemann**

National Correspondent for  
**Atlantic Monthly**

"Opportunity in the United States"

Tuesday, November 4, 1997  
Room 6-120  
12:30-2:00

## Dorm Dining Halls May Soon Reopen

Food, from Page 1

In addition, the dining board in these dormitories would work to obtain discounts on bulk purchasing and provide cooking classes for interested members of the dormitory, Walsh said. "We're going to try to be intentional in our support for" home cooking, Walsh said.

### Competition, card use to increase

Competition would increase dramatically among catering companies, with the current monopoly being replaced by 10 to 15 approved vendors competing for Institute business.

The two main dining contractors would be among the group, but com-

panies like Bertucci's could also bid for the spots, said John S. Hollywood G, a member of the board.

Local restaurants can also join the new dining system by accepting MIT oversight in exchange for the ability to accept the MIT Card for purchases, Walsh said. Groups on campus like LaVerde's and Toscanini's Ice Cream could eventually be required to accept the card as part of contract renegotiations for their space, Walsh said.

While meal plans will not be mandatory, discounts on dining will likely be available as part of voluntary meal plans, Walsh said.

Elizabeth Emery, director of food services for Aramark, declined to comment because she had not yet seen the report.

## Candidate Advocates More Money for Arts

Elections, from Page 15

spaces, the current lack of which is driving artists from the city, he said. He also wants to create a weekly forum for performers and artists.

MacKinnon promises to donate half his salary (\$41,000 over a two year term) to community-oriented grants. In addition, he also supports the diversity of Cambridge and vows to fight gentrification.

Tim Toomey focuses on keeping working families and senior citizens in Cambridge, but praises student activism and invites students to become involved in Cambridge politics. He has struggled to keep Cambridge an affordable city and

emphasizes that neighborhoods should have input into the development in their area.

The neglect of people's interests and family concerns, such as the loss of rent control, has spurred Douglas G. Whitlow's move into politics. Whitlow will work to set rent caps and prevent the eviction of the disadvantaged.

He is opposed to the alteration of Central Square and sees no need for a Barnes and Noble bookstore there. He calls for a revival of spiritual values in politics and will fight any attitude of indifference toward the poor and powerless.

Remaining candidates could not be reached for comment.

*"Should freshmen be  
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**Room 34-101**

Sponsored by Professor Rosalind Williams, Dean of Students and Undergraduate Education  
and Professor Lotte Bailyn, Chair of the MIT Faculty.

# Halloween Pagan Holiday Samhain Marks Year-End

Halloween, from Page 1

party... with dancing and food," said Samuel R. Madden '98, chairman of EC's social committee.

**Pagans, CAC also host events**

The Pagan Students' Group is holding a ritual observance of

Samhain, the pagan holiday on Halloween. It will be held at 8 p.m. in the MIT chapel. "[Samhain] is the end of the year in the pagan calendar," said Johanna N. Bobrow '99, a member of the group. According to Bobrow, it is a time to make peace with the old year and look forward to the new — "which is a good thing

to do at midterm, anyway."

The Campus Activities Complex Program Board has several events planned, according to Director Rick A. Gresh. Pumpkin painting is scheduled to take place from 11 a.m. to 1 p.m. in the Student Center lobby. Pumpkins and paint will be provided to students free of charge.

The Program Board will also sponsor a gumball machine contest. Students guess the number of gumballs in a machine and the person with the closest guess wins the machine. All proceeds will be donated to the United Way.

Additionally, from 11 p.m. to 1 a.m. tonight, two MIT bands,

Lesion and Third Party, are scheduled to perform in the 24-hour Coffee House in the Student Center.

The Lecture Series Committee is showing a classic double feature of "The Cabinet of Dr. Caligari" and "Sherlock, Jr." at 7:30 tonight in 10-250. Live piano accompaniment by Marty Marx will be provided.

## UA Finboard Appeal Decisions

The Undergraduate Association approved adjusted Finance Board allocations last Monday. The adjusted numbers came after groups had an opportunity to appeal Finboard's spring decisions for activity funding. The appeals process gives the groups a chance to explain their requests to the funding board and gives the board the chance to question groups, said Vinh-Thang Vota '98, chair of the UA Finance Board. The appeals decisions are listed below.

Group	Amount Requested	Amount Approved
College Democrats	\$500	\$400
Pershing Rifles	\$1,025	\$625
Pro-Life	\$250	\$250
Equestrian Club	\$3,700	\$650
MIT Atheists, Agnostics, and Humanists	\$780	\$350
Hunger Action Group	\$200	\$200
Chinese Student Club	\$15,521	\$1,200
Friendly Alliance of Queers and Straights	\$887.50	\$300
Muses	\$545	\$545
Taiwanese Student Assoc.	\$1,913	\$600
Mujeres Latinas	\$200	\$200
African Student Assoc.	\$4,850	\$1,200
Counterpoint	\$2,000	\$1,600
Paksmi	\$5,175	\$800
Maranatha Christian Fellowship	\$750	\$350
Student Cable	\$753	\$500
Chorallaries	\$8,925	\$500
Filipino Students Assoc.	\$145	\$145
Hippocratic Society	\$2,025	\$25
ASHA	\$1,060	\$300
Muslim Students Association	\$2,591.13	\$500
Gays, Lesbians, Bisexuals, Transgendered and Friends at MIT	\$1,081.19	\$150

SOURCE: UA FINANCE BOARD

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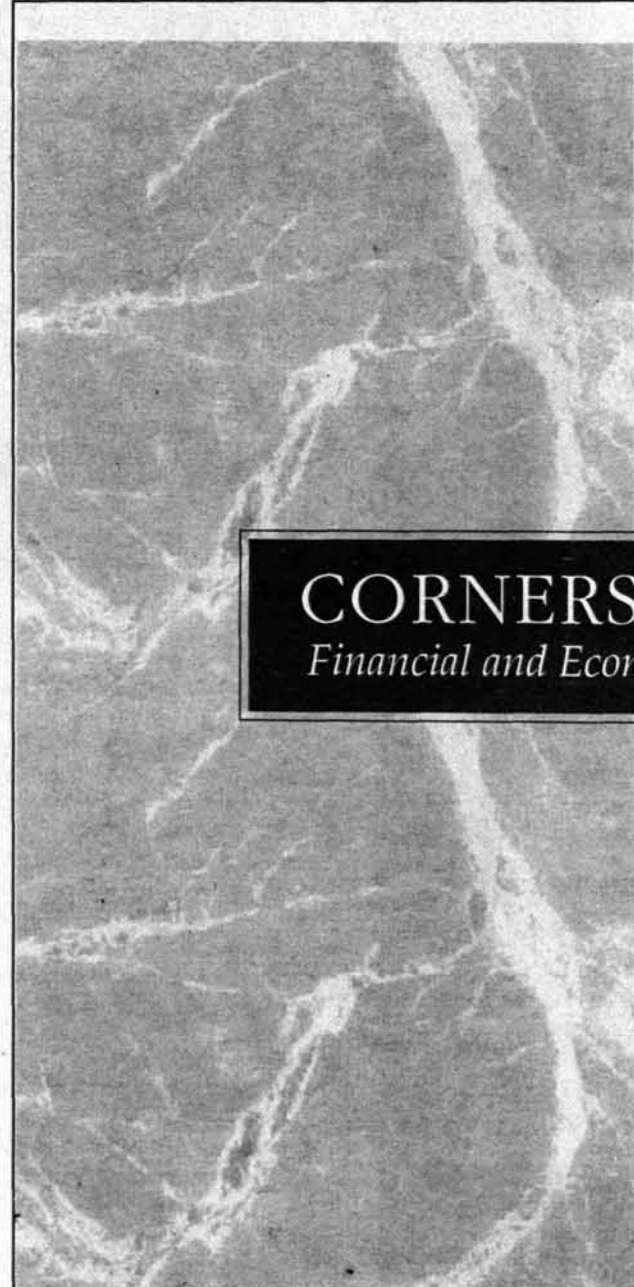
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## Water Polo Finishes Season with BC Win

By Roger Crosley

DIRECTOR OF SPORTS INFORMATION

The men's water polo team completed its most successful season ever last weekend when the Engineers defeated Boston College 11-7 in the College Water Polo Association Eastern Championship tournament. The Engineers completed the season with a 14-8 (.636) record. Only the 1982 team came close to the 1997 record, with a 14-8-1 (.630) record.

### Tennis

In men's tennis, the doubles team of Eric Chen '00 and Jim Matysczak '99 won two of three matches at the Rolex Small College National Championships in Memphis, Tenn. Matysczak and Chen dropped their first match to a team from Trinity University (1-6, 4-6) which won the national title. Chen and Matysczak then rallied to

defeat teams from Averitt College — 6-7 (5), 6-1, 6-4 — and Swarthmore College (6-2, 6-3).

The women's tennis team is currently ranked seventh in the latest New England Division III poll. The Engineers have compiled a 6-4 record and placed second in the New England Women's 8 Conference standings.

### Playoffs

This week is playoff week for most New England Women's 8 sports. On Wednesday the soccer team will travel to Wellesley College for a 2:30 p.m. contest, while on Thursday the field hockey team will go to Clark University for its first-round match at 3 p.m.

Then, on Saturday (12 p.m. and 2 p.m.) and Sunday (1 p.m.), MIT will host the NEW8 field hockey championship tournament. Also on Saturday the NEW8 cross country championship will be run at WPI at 12 p.m.

## Women's Tennis Ends Season

By Nisha Singh

TEAM CO-CAPTAIN

The women's varsity tennis team finished up its fall season this past weekend in the New England Women's Intercollegiate Tennis Tournament held at Amherst College. Indoor play was also held at Smith College.

Mealani Nakamura '00 and Michelle Youn '00 had the strongest showings at first and second singles, respectively. Nakamura started off by crushing her first opponent 6-0, 6-1. She then ran into the No. 3 seed and lost in a tough match.

Youn followed suite, breezing in her first match 6-0, 6-0. She then

pulled out a tough three-setter in the next round, winning 6-2, 4-6, 6-1. She then faced also faced a No. 3 seed and lost in two close sets. Nakamura and Youn also comprise the first doubles team. The won their first two matches 8-6 and 8-4.

They then lost to the No. 4 seeds in the quarterfinals in a well-played match. Nora Humphrey '98 had a tough draw at third singles, and lost in the first round. Tiffany Cunningham '98 battled her way through her first match, winning 7-5, 6-3 at fourth singles. She then lost in the second round in straight sets.

Hannah Kwon '00 also had a tough draw at fifth singles, and

barely lost 6-3, 7-5 in the first round. Co-captain Nisha Singh '00 faced the No. 2 seed in her first match at sixth singles, and lost in straight sets. Humphrey and Kwon drew the No. 2 seeds in their first match at second doubles and were defeated.

Cunningham and Singh played well at third doubles, but with a little bad luck, they succumbed 8-6 in the first round.

Coach Carol Matsuzaki '97, while somewhat disappointed with the results, was more impressed with "the teamwork displayed and the way everyone helped their teammates through their matches."

## Tufts, UNH Regattas Last in Season

Sailing, from Page 20

Ned Patterson '98 sailed A-division, and Sasha Bouis '99 and Susanna Mierau '00 sailed in B-division.

"Despite the rain, I think we still had fun out there," Mierau said. "Racing Saturday saw some of the best conditions all term. Plenty of breeze to work with, predictable oscillatory shifts, and no hot sun beating down on us."

MIT placed sixth overall at the regatta, with A-division placing in third behind Tufts and Boston College.

Meanwhile, on Saturday, the freshmen were sailing at the Oberg Trophy, on BC's "industrial wasteland" course. The Nickerson, next week's freshman New England Championships, are to be held at BC.

John Beckos '01 and Nikki Spinello '01 sailed in A-division, and Alex MeVay '01 and Nannette Yang '01 sailed in B-division. MIT placed sixth out of eight teams.

"The weather was not to everyone's liking today, but we didn't

melt in the rain and had a lot of positive experiences to take from this regatta. Despite the final results, we sailed faster as the day went on," Beckos said.

### Tufts, UNH round out season

The last team race regatta of the fall season was held at Tufts on Sunday. A postponement and a bye in the first race of the day allowed MIT sailors to relax in the team van for hours before they finally hit the water at 1 p.m. Spud Mutch '98 and Anna Michel '98, Nuts Sun '00 and Sheri Cheng '99, and Ebert Damus '99 and Jen Shapiro '01, sailed in the regatta.

"What was noticeable in the way MIT attacked the team racing for the day at Tufts was our lack of a fixed routine," Damus said. "But don't let that mislead you. We finished 3-3, and with some groove training that could have easily been a 5-1 record and top honors. The

key is that we were not in the groove. Finding, and maintaining the groove can be difficult when the wind does not fill in until 2 p.m. and you've spent half the day in front of the Oreo box."

On Sunday, varsity sailors went to the University of New Hampshire for a New England Series regatta. Temperatures had dropped since the last weekend, and there was actually ice in the boats.

Chris Stow '00 and Misty Benham '01 sailed in A-division, and Minh Thai '99 and Rebecca Breazeale '01 sailed in B-division. MIT finished second overall at this regatta, with high finishes in both divisions.

The freshmen were at Harvard University on Sunday in the light winds, sailing in a frosh invite. MeVay and Yang sailed A-division, and Tim Egan '01 and Jeremy Cheng '01 sailed B-division. MIT finished sixth out of nine teams.

## SPORTS

### WE NEED YOUR HELP!

Did you know there are ten year olds who can't read? Twelve year olds who can't multiply? The Boys' and Girls' Club of Somerville in Union Square is looking for volunteers to help with the Homework and Reading Clubs, M-F, 3p-7p. We are only a 5 minute drive from Kendall Square. Give 10 hours a week or 1 hour a month. If interested, please call Tara, '91, at 617-628-4665.

## St. Louis and Atlanta Should Try Paintball

Brocum, from Page 20

to go against trends as obvious as that).

This game is do or die for the Panthers. The Raiders upset Denver, but that is about all the Raiders have to be proud of this year. If the Panthers don't win and fall to 4-5, they can kiss the remote chance of catching San Fran big, wet, goodbye.

The combined records of St. Louis and Atlanta are 3-13. Now that just doesn't add up to pretty football, ladies and gentlemen. Maybe to excite the crowd they should try playing paintball instead. But then, knowing these teams, they'd come out shooting blanks.

San Diego is hovering at .500. Not very good, at all... but good enough to beat the Bengals.

Now take the Colts, the last winless team in the NFL. Can they preserve their streak? Yes, without question. The NFL has discussed the possibility of only crediting teams with half a win for beating the Colts. The Buccaneers should be 5.5-3.

After somehow managing to pull off an overtime win in Miami on Monday night, da Bears seemed to have gained momentum to turn the season around. Disgruntled by the ongoing problems during the Bulls preseason, reports indicated that MJ was seen running crossing patterns at practice this week with da Bears. The rumor has only added fuel to the fire: da Bears are back! Whatever. Take the 'Skins as they try to redeem their horrible performance last week against the Ravens.

The next game is a classic matchup, but the only classic things we are going to see this weekend are vintage shots of Michael Irvin, Jerry Jones, and Barry Switzer arguing on the sidelines as the Niners steal the show against the Cowboys.

The Oilers seem to have been invigorated as of late, playing in Tennessee. So I'm going out on a limb, especially since I'm a Steelers fan: take the Oilers over Jacksonville.

Philly hopes are fading fast as they wallow with a .500 record. Arizona never had hopes. Take the Eagles.

Sometimes, the outcome of a game is decided before either team ever sets foot on the field. This next one is one of those games. Take Denver over the Seahawks.

The Packers have won 19 straight games at Lambeau Field. Lets just say Detroit is facing an up-hill battle. Take Green Bay.

### Monday Night Special

The Pittsburgh Steelers visit the K.C. Chiefs this Monday for a promising matchup. Both teams are 6-2 and both teams are well on their way to the playoffs. Unfortunately for the Chiefs, the Steelers are 10-2 on Monday Night under Bill Cowher and they are riding a five-game winning streak since starting the season 1-2. It'll be good, but the Steelers will win.

Last week: 11-3, season record: 70-35. You do the math but that looks like twice as many wins as losses to me.

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# Rival Wellesley Stops Spikers In Hall of Fame Tournament

By Paul Dill  
TEAM COACH

The women's volleyball team placed highly again at the 16-team Hall of Fame Tournament this past weekend at Smith College.

MIT started pool play against No. 8 ranked Tufts University, with whom MIT had split the previous two meetings. This time MIT dominated Tufts, winning their opening match 3-1 (15-11, 15-8, 7-15, 15-9).

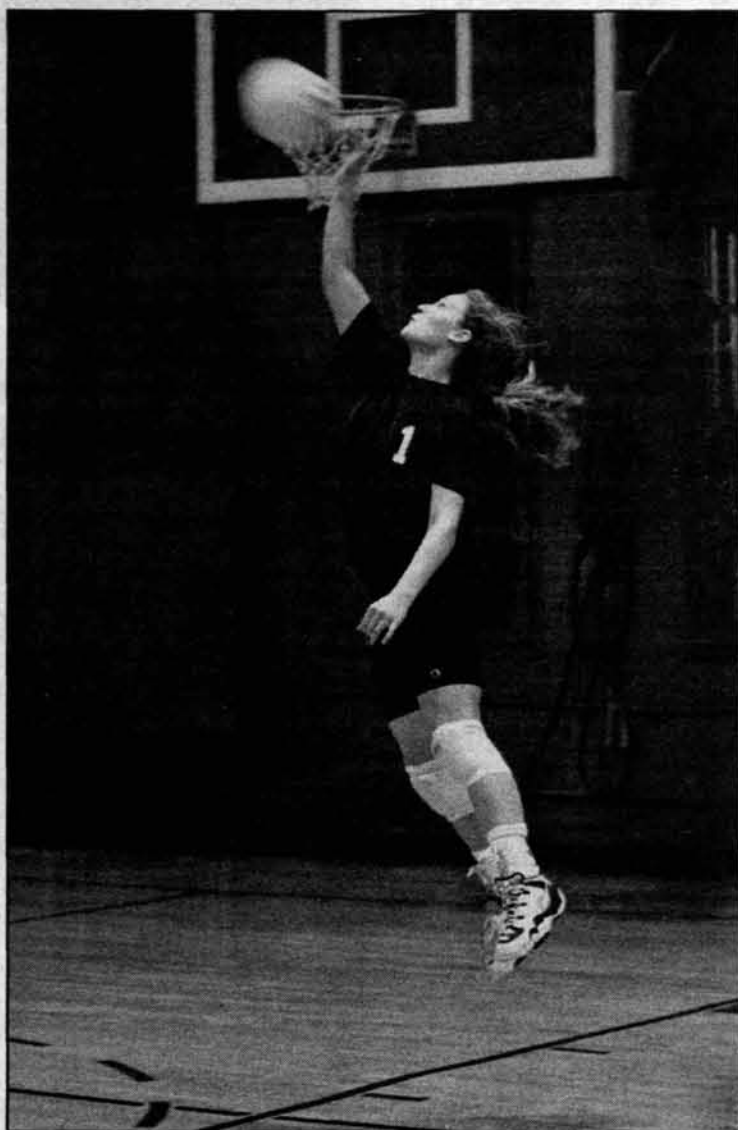
Co-captain Michelle Fox '99 had a career night with 10 kills, 10 digs, and a .40 hitting percentage. Setter Alarice Huang '00 added 47 assists and 19 digs, while the tough serving of Jill Eich '99 took Tufts completely out of their game.

Next, the Engineers took on Bridgewater State University and continued their strong play by dispatching them 3-1 (15-7, 15-5, 8-15, 15-13). This time the charge was led by Mayleen Ting '00, who had 10 kills and a .53 percentage, and Katy Conley '01, who had a .67 hitting percentage for the match.

The final match of pool play saw MIT facing Clark University who never knew what hit them as the Engineers rolled over them 3-0 (15-2, 15-10, 15-5). Co-captain Betsy Sailhamer '99 led all hitters with 12 kills while setter Jenn Svendsen '01 added 20 assists and solid play in the final two games.

After winning their pool, MIT was set to face arch rival No. 1-ranked Wellesley College in the semifinals. Wellesley had beaten MIT the week before so with upset on their minds, the Engineers came out strong to win the first game 15-12 behind the strong serving and defense of Jennifer Elizondo '99. However, Wellesley proved to be a little too strong and took the next three games to win the match 3-1.

Wellesley went on to beat No. 2-ranked Springfield College in the finals 3-0. MIT then continued its

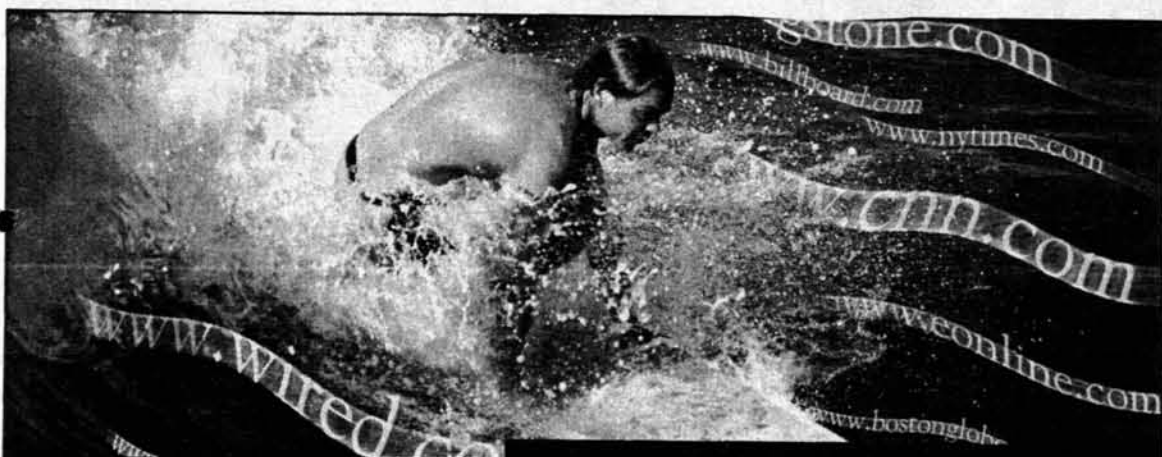


Jill Eich '99 slams a jump serve across the net for an ace. MIT crushed visiting Western New England College 3-0 on Tuesday night in Rockwell Cage.

winning ways this past Tuesday at home by beating Western New England College 3-0 (15-3, 15-1, 15-2).

This gives MIT a 17-9 overall record and a 5-1 conference record.

The Engineers will play their final home match of the season next Thursday 7 p.m. in DuPont Gymnasium as they host the first round of the NEW8 Conference Tournament.



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## SPORTS

# Crews Dominate at MIT Invite; Varsity Women's Boat Takes 1st

By Sue Dey  
TEAM CAPTAIN

Despite the cold, rainy morning weather, the crew team dominated the MIT Invitational races on Saturday. There were races for varsity and novice lightweight and women's boats. MIT's competitors in the races included Boston College, Simmons College, Bates College, Tufts University, Brandeis University, Colby College, and MIT's Sloan School of Management.

The first varsity women's boat (coxswain Julie Gesch '00, Susan Dey '98, Jessi Kleiss '00, Stephanie Chen '00, Mariah Luff '99, Jeanne Tomaszewski '00, Samantha Lavery '98, Liz Rose '00 and Wendy

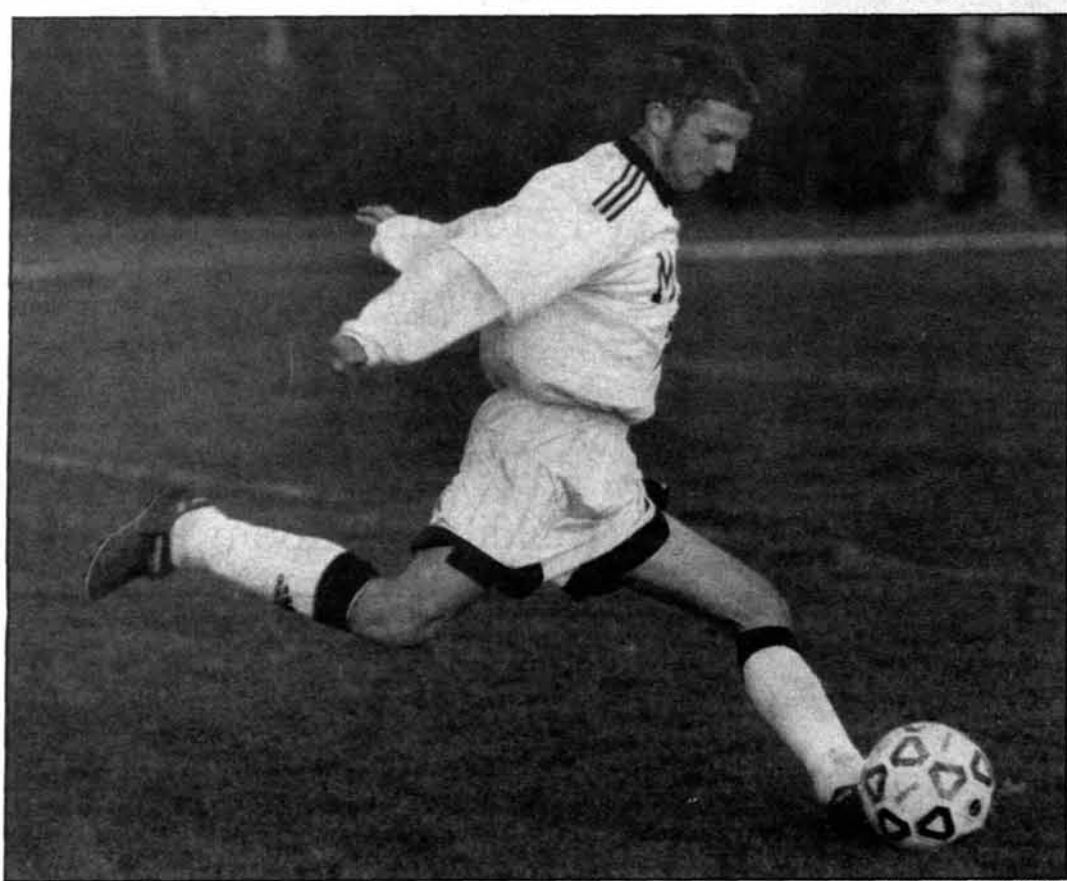
Liu '00) had a slow start but pulled themselves together to win the race with a time of 14:14, one second ahead of the first boat from Boston College.

The second boat (coxswain Margo Harbaugh '98, Kathleen Vokes '00, Peggy Hollemann '00, Kristin Jugenheimer '99, Heidi Chang '98, Emily Hanna '00, Katy Croff '00, Katherine Koch '00 and Sabina Ma '99) had a great start and raced strongly. They took seventh place with a time of 14:52, making them the fastest second boat in the race. Four rowers and a coxswain from MIT (coxswain Betty Tsai '99, Zoe Teegarden '98, Lorri Bush '00, Sneha Madhavan '00 and Bani Azari '00) also joined

with Colby to race a mixed boat, which finished with a time of 15:10.8, squeaking past Sloan to take ninth place. The women's novice squad raced three eights which took fourth, seventh, and 20th places in their race.

The lightweight men's team also did well in their races. The first varsity boat captured second place to Colby with a time of 12:26.5, and the second varsity boat took eighth with a time of 13:18.0.

The crew team now has a break in their schedule. The next women's race will be the Foot of the Charles on Nov. 15. The men's next race will also be the Foot of the Charles, but it will be held on the following weekend.



REBECCA LOH—THE TECH

Mark Ethier '01 boots the ball across the field in Tuesday's game against Gordon College. MIT lost 2-0.

## Sailors Finish Season with Races

By Sheri Cheng  
TEAM MEMBER

This past weekend saw the last sailing regattas before the varsity, women's, and freshman New England Championship this coming

weekend. Saturday's conditions were rainy, with heavy, shifty winds. Sunday brought on a completely different conditions, with light, steadier winds, and more sunshine.

Down at the Coast Guard Academy, the women's sailing team competed in the Stu Nelson Trophy. Jen Kelly '99 and Carla Pellicano '01 sailed in A-division, and Jessica Lackey '00 and Madhulika Jain '00 sailed B-division.

Saturday's whaling winds were a challenge. The sailors had to be mobile, quick, and strong, and didn't stop hiking on the upwind legs. MIT placed 10th out of 14 teams.

Varsity sailors went to a Tufts University invite on Saturday in pouring rain. Dave Hellmuth '98 and

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### UPCOMING HOME EVENTS

Saturday, November 1

Field hockey, NEWS semi-finals, 12 p.m.  
Men's soccer vs. U.S. Coast Guard Academy, 1 p.m.  
Sailing, Schell Trophy

Sunday, November 2

Field hockey, NEWS finals, 1 p.m.

### A WORD ON SPORTS

Green Bay has come and gone. The Monday Night rematch of the Super Bowl is over, but as the smoke clears and the dust settles their is a lingering bad taste in the

mouths of Patriots fans everywhere. A 4-0 start has quickly disintegrated into a 5-3 record, tied with none other than the Jets for the lead in the AFC East. Talk about a drop off from last year. In three huge games

in a row, the Patriots have been handily defeated by the Broncos, the Jets, and the Packers.

Now, I don't want to jump on Pete Carroll's back or anything, but you just can't lose games like these. Three games of this import in a row and the Patriots couldn't generate enough desire and hunger to win one of them? If I was a Patriot, I would be annoyed losing any one of those games but three in a row? In a word, I'd be pissed. So now the only hope for the Patriots is that they can somehow channel the frustrations of the past few weeks into

some serious football or else this season is going to spiral out of control.

At the halfway point of the the season there are several other interesting subplots. The Redskins blew it against the Ravens and now the Giants have a solid two-game lead in the NFC East. With Minnesota's victory over the Buccaneers, the NFC Central has heated up a notch with Green Bay and the Vikings still deadlocked atop the division. Miami missed a great opportunity by somehow managing to let da Bears come from behind to embarrass them in

"the other" Monday night game. Now the Dolphins are tied with the Pats and the Jets at 5-3 instead of leading the division 6-2.

This week doesn't offer much in the way of marquee matchups but the Patriots-Vikings and 49ers-Cowboys games should be interesting.

#### The picks, week 10

Bill Parcells has proved his worth in leading the lowly Jets to a 5-3 record so far this season. The scary thing is it isn't an accident. Take the Jets over the Ravens.

Alex Van Pelt-vs-Dan "The Man" Marino. Is this a joke? Buffalo no longer has Jim Kelly at the reins, and although Miami has been struggling to no end this season, they should be able to hold off the Bills.

The Patriots are getting a taste of the NFC Central with Green Bay last week and Minnesota this week. More like a mouthful. Take the Vikings, winners of fours straight, over the Patriots, losers of three straight (author's note: I am not one

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KATHLEEN MAHONEY

Stephanie Hong '98 and Jorge Barerra '99 dance their way to fourth place in the beginner swing category at the Harvard Beginners Competition on Saturday.

## Dancers Place First In Harvard Competition

By Vikas Bhushan

TEAM MEMBER

The first ballroom competition of the season was held last Saturday, when Harvard University hosted its fifth annual Beginners' Competition. This competition showcases the up-and-coming talent on the collegiate ballroom dance teams in the region. Participants competed in either the newcomer level (for those who just starting dancing this fall) or the beginner level (for those who have been dancing for no more than one year).

MIT has a tradition of dominating this competition, due in large part to the strong commitment the team makes to providing its rookies with excellent coaching, making them competitive early in the season. This year's event was much larger than in previous years, with 300 competitors from 15 schools participating. The competition was also much tougher, but MIT held its ground and placed first in the team match in a three-way tie with Harvard and Brown University.

MIT couples made it through six rounds of competition to place in the finals of all of the individual events. Approximately 80 couples were entered in the newcomer events and 30 in the beginner events. Yedilakilil Workeneh '98 and Propa Ghosh '98 placed ahead of the competition to take first in the Newcomer Foxtrot, while Ghosh and Eugene Bae G placed third in the Newcomer Swing. In the Beginner Swing, Jorge Barrera '99 and Stephanie Hong '98 took fourth place while Feng Li '97 and his partner placed sixth in the Beginner Waltz.

All of the couples from MIT made it past at least one round in their events, an encouraging result and a tribute to their hard work. It is also a reflection of the dedication of the team's coaches and veteran members in training and supporting the rookies. Both rookie and veteran team members are now preparing for the upcoming Brown Invitational competition next month and the Yale University regional competition in December.