

ERIKA BROWN—THE TECH

In observance of Veterans' Day, MIT's ROTC units held a 24-hour vigil on the steps of the Stratton Student Center to honor American soldiers taken as Prisoners of War or pronounced Missing in Action.

## Bar Fight Leads to Shooting Near Dorm

By Rima Arnaout  
NEWS EDITOR

A man was shot on Saturday outside the Cambridgeport Saloon, a Cambridge bar located immediately next to Random Hall. No MIT students were involved in the shooting.

The assailant, Elvis Gonzales, was arrested on Sunday for assault with intent to murder. The victim, whose name has not been released, is in stable condition at Massachusetts General Hospital.

For many students, the incident struck too close to home. "A lot of us [residents] heard the shot and looked from there," said Matthew S. Cain '02, Random Hall president. "It is a little disconcerting having someone shot right outside your window."

"I don't know necessarily if people feel less safe because it wasn't a random shooting, it was a fight ...

but people are getting a little less tolerant about the fighting that goes on because of the Cambridgeport Saloon," Cain said.

### Bar fights not uncommon

Cain said that there have been several fights outside the bar in recent months, and the violence level may be escalating. "There are fights there pretty regularly around closing time. Over the last few months it seems to us that they have become more regular and more violent," he said.

"Since the summer I've noticed ... a lot of rowdy behavior, harassing of residents, and people urinating on the steps [of the dorm]," said Random Hall Housemaster Nina Davis-Millis.

On Sunday night, Cain, Davis-

Shooting, Page 17

## Massachusetts Charter Schools Spark Debate

By Sanjay Basu  
STAFF REPORTER

If the highly contentious educational plans proposed during this election weren't enough to pit teachers' unions and "free-marketers" against one another, recent assessments of charter schools in Massachusetts will likely fuel already fiery debates about charter schools.

The schools, created with the intention of improving outcomes by cutting costs and freeing teachers from local bureaucracies, are run by companies that contract to do the work now performed by public employees.

But the schools are also given public tax money without the accompanying oversight and regulation that public schools receive: a fact that some teachers and citizens' groups are finding hard to stomach.

Proponents of the schools have nevertheless touted charters as drivers of "competition-based" educational reform. Steve Wilson, CEO of The Advantage Schools, a for-profit charter management company, recently cited that students in his schools raised their scores on a national test an average of seven percent.

But what recent Massachusetts-based studies indicate is that while charter schools may be performing well in some cases, they aren't sure panaceas to America's education problems.

The Massachusetts State Department of Education recently found that charter schools in the state have scored, on average, at or below the average public school on the MCAS and SAT.

According to Nancy Zollers, an academic expert on the charter

school movement, courses in these charter schools have tended to be extremely standardized and much larger than their equivalent public school classes.

In fact, the success or inefficacy of these schools has enormously high variability both in Massachusetts and across the nation. Charter schools in some areas report record test scores, while those in other regions have outlandishly high failure rates.

### Poor reports from some states

U.S. News reporter Warren Cohen recently visited charter schools in Arizona and reported that "these companies take advantage of the fact that Arizona requires high school students to attend only four hours of school a day."

Cohen found that the schools regularly targeted low achievers — particularly students with disciplinary problems — and replaced their regular classes with self-paced computer instruction a few hours a day.

Michigan charters were the subject of recent litigation after a school received \$14 million in state tax money to provide education to 2,200 students. Only one-fifth of those students, however, actually continued to attend the school after enrolling. The Michigan legislature has since outlawed enrollee-based contracting, but other issues as varied as the absence of desks or the teaching of creationism have appeared in the state's charter schools.

A Columbia University study of charters in Michigan concluded that "when charter schools are compared to public schools with similar pre-charter characteristics, pupils in charter schools score no higher, on

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## Students Question Alcohol Policies

Students and Admins Discuss Issues at Forum

By Melissa Cain  
STAFF REPORTER

Recent alcohol-related incidents at MIT's fraternities and dormitories have led students to question the Institute's alcohol policies in an attempt to reform them.

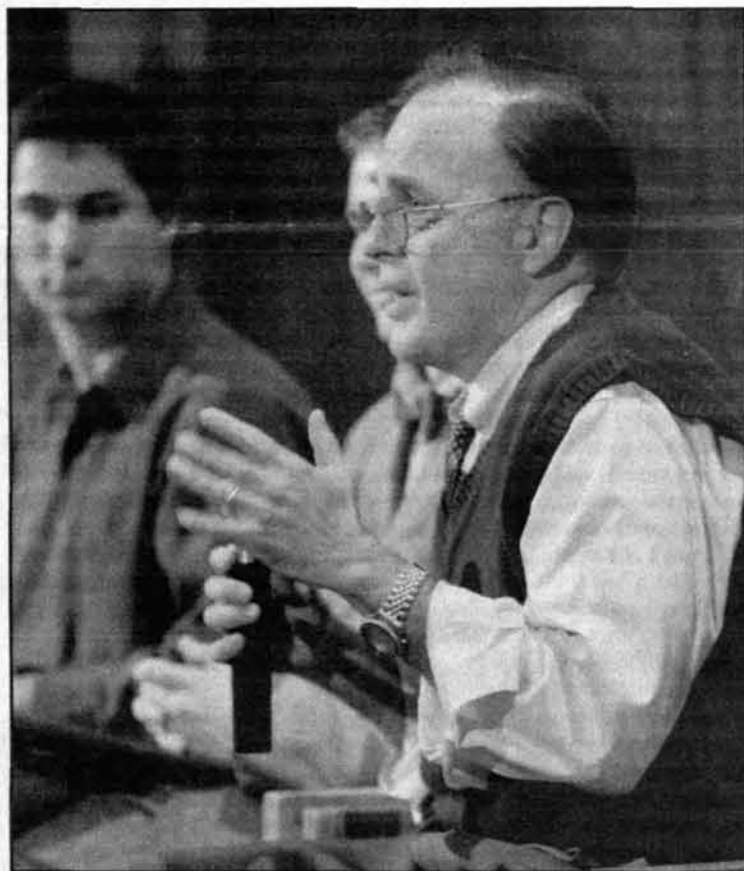
Allison L. Neizmik '02, chair of the Undergraduate Association Public Relations Committee, believes that "students are forced to make a decision between the integrity of their living group and the health and safety of their friend."

Interfraternity Council (IFC) Risk Management Chair Rory P. Pfeiffer '02 said that "the current policy is too strict. I think people don't register parties because they don't want the IFC to show up and get them in trouble."

Josiah D. Seale '02, the co-chair of the UA Committee on Student Life, believes that one of the main problems with the current policy is that the Campus Police act as Emergency Medical Transport.

In the case that an emergency transport is made, the CPs are

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PEDRO L. ARRECHEA—THE TECH

William M. Kettle, head of MIT Medical, addresses students at an alcohol forum held last Wednesday in Walker's Morss Hall.

## Students Reflect on Presidential Elections

By Vicky Hsu  
and Jennifer Krishnan  
STAFF REPORTERS

Even at MIT, where the rigor of classes and problem sets keeps most students from getting involved in much else, the current presidential race and the controversies over contested ballots have sparked interest in issues ranging from voter fraud to America's electoral system.

The potential discrepancy between the popular vote and the electoral vote this year has led people to reconsider the status of the Elec-

toral College. "The fact that the populous can vote for one man and another can win ... flies in the face of people's sense of justice," said David J. Strozzi G, member of the MIT Greens. "The upshot of this is that a lot of people are going to say we need to get rid of the Electoral College."

The Green Party advocates an automatic run-off system where voters rank their preferences. "There is something deeply flawed with an electoral system that makes people uncomfortable to vote their conscience," Strozzi said.

Andrew M. Starr '02, Vice President of the MIT Libertarians, agrees that the Electoral College should be eliminated, but he doubts that any significant changes will actually occur. "Initially people are going to get the idea to take another look at the Electoral College system," Starr said.

But in the long run, Starr believes that the government will maintain the status quo. "The two major parties are going to realize

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# WORLD & NATION

## Grisly Forensic Probe into Ski Cable Car Fire Continues

LOS ANGELES TIMES

KAPRUN, AUSTRIA

Forensic investigators delved Monday into the grisly task of matching dental records and DNA samples with the charred remains of at least 159 people killed in a horrific ski cable car fire inside a tunnel under Kitzsteinhorn mountain.

As helicopters ferried the first 66 bodies to a morgue in nearby Salzburg, the U.S. Army announced that eight young Americans from military facilities in Germany had perished in the blaze.

Among the presumed dead were an officer from Texas, his wife and two small children; a newly engaged couple assigned to the 30th Medical Brigade and the husband and son of a civilian worker for the Army who stayed behind while the others used the Veterans Day holiday to go skiing.

The Army also dispatched a five-member forensic team to assist the Austrians, who were trying to identify corpses that have been burned beyond recognition.

Shocked and grieving relatives have been asked for personal effects such as hair brushes or razors used by the missing to provide DNA samples for identification, said Edith Tutsch-Bauer, chief forensic pathologist for the Salzburg area. It will probably take four weeks to complete the identifications, she said.

## Russian Media Tycoon to Be Arrested for Embezzlement

THE WASHINGTON POST

MOSCOW

Russian prosecutors Monday ordered the arrest of media tycoon Vladimir Gusinsky on charges of embezzlement, escalating anew the battle between the Kremlin and the owner of Russia's only independent national television network.

The warrant was issued after the businessman, now in Europe, failed to appear at the prosecutor's office for interrogation. The prosecutor's office said it would notify Interpol, the international law enforcement authority, that Gusinsky should be detained at any border.

Gusinsky's lawyer, Genri Reznik, said Gusinsky refuses to return to Russia "to become a victim of lawlessness." He promised to file two lawsuits Tuesday accusing the prosecutor's office of misconduct.

The precise allegations against Gusinsky were not immediately clear. The prosecutors did not show his lawyers the details of the charges. Reznik said that was a violation of Gusinsky's rights. A top prosecutor said the information was kept from Gusinsky because Gusinsky's lawyers have not turned over documents that the prosecutors want.

## Postal Commission Recommends Raising Stamp Price One Cent

THE WASHINGTON POST

WASHINGTON

The price of a first-class stamp will likely rise by a penny to 34 cents early next year, based on recommendations made Monday by the independent Postal Rate Commission.

A final decision on the exact timing of the hike will come next month at a meeting of the U.S. Postal Service's Board of Governors, which also has the final word on the rate adjustments approved by the Rates Commission Monday.

The price of a first-class stamp last went up, also by one cent, on Jan 10, 1999.

While the price of single first-class stamp will rise again, the cost of 20-cent postcard stamp will not increase, nor will the cost of first class mail's second ounce.

# Philippines Impeaches Their President on Bribery Charge

By David Lamb

LOS ANGELES TIMES

BANGKOK, THAILAND

President Joseph Estrada of the Philippines was impeached Monday by his nation's House of Representatives on charges of bribery and corruption. He has denied the accusations and said that a trial will prove his innocence.

Estrada, an actor-turned-politician, is the first Philippine president to be impeached. News of his pending trial sent the peso plunging to a historic low against the U.S. dollar. The stock market fell 2.2 percent to a two-year low on fears the proceedings could drag on for months.

But despite the political turmoil, the emerging democracy in what is regarded as one of the freest countries in Asia appeared mature enough to survive.

The 218 members of the House did not take a full vote on the charges because Speaker Manuel Villar said more than the required one-third of them had signed a petition in support of impeachment. Villar is one of 45 congressmen who bolted from the president's coalition, along with Vice President Gloria Arroyo, to join the opposition.

Opponents of Estrada said 115

members of the House, or more than half, had endorsed the move.

Estrada's lawyers are expected to challenge the absence of a formal vote, and Senate Assistant Majority Leader Gilbert Teodoro said that body might reject the complaint because of procedural flaws.

Estrada will be tried by the 22-member Senate under guidelines modeled after those used by the U.S. Senate during President Clinton's impeachment trial. To avoid conviction, Estrada must convince at least eight senators of his innocence. The trial may start as early as this month.

There was political maneuvering in the upper house on Monday, as well, where the Senate president, who had demanded Estrada's resignation, was removed. The Senate voted to replace Senate President Franklin Drilon with Sen. Aquilino Pimentel, who is viewed as being independent.

While Estrada supporters jeered the decision, foes jumped with joy and chanted "Erap resign," using the president's popular nickname.

They embraced each other and then surged toward Villar and hugged him.

In the mayhem, one legislator

punched the House sergeant-at-arms.

Political analysts said Estrada has support in the Senate and widespread backing among the Philippines' poor and disenfranchised, and may survive politically to serve out his term. Polls indicate the majority of Filipinos do not think Estrada should resign and do not support street demonstrations similar to the movement that brought down dictator Ferdinand Marcos in 1986.

Already wealthy before taking office in 1998 with the largest mandate in Philippine history, Estrada has scoffed at demands he resign. Although he acknowledges that he was offered bribes, Estrada said he turned down the money and has never taken a peso illegally.

"I did not become president to rake up money," he said Monday before the House's action.

The opposition to Estrada, led by militant labor unions, business organizations and the powerful Roman Catholic Church, called a general strike for Tuesday to press its demands that the president resign. On Saturday, an estimated 1 million Filipinos rallied in Manila in support of Estrada.

# Palestinian Gunfire Kills Four; Israelis Expected to Retaliate

By Tracy Wilkinson

LOS ANGELES TIMES

JERUSALEM

Four Israelis were killed and eight wounded Monday by Palestinian gunmen staging ambushes in the West Bank and Gaza Strip, the Israeli army said.

Israeli officials denounced the killings as an escalation in Palestinian guerrilla warfare and promised retaliation. Late Monday, the army announced it was sealing off all Palestinian towns and villages, barring all travel in and out of the area.

Two Palestinian teens also were killed Monday by Israeli forces in Gaza, Palestinian officials said, and a third died of a gunshot to the head he suffered during demonstrations on Saturday. He was the nephew of

Gaza's top Palestinian security official, Col. Mohammed Dahalan, who had been evacuated to an Israeli hospital for treatment — an unusual move in the current tense climate.

In nearly seven weeks of raging riots and gun battles that have claimed more than 210 lives, Monday marked the first day that more Israelis died than Palestinians.

Around dusk, Palestinian gunmen in a speeding Fiat Uno opened fire in separate instances on a private car and on a bus transporting soldiers and settlers over an Israeli-controlled road near the Jewish settlement of Ofra in the West Bank, about 20 miles north of Jerusalem. Two soldiers died in the bus, which was punctured by about 50 bullet holes. The soldiers had served as

guards at a settlement.

In the car, a Peugeot slowing at an intersection to make a turn, a woman teacher from a nearby settlement was killed instantly.

"A car passed me when I was slowing down to turn, then he continued driving on the center lane opening fire at us," the driver of the Peugeot, Avi Tzarel, told Israeli television Monday night. "I looked at the teacher sitting next to me and I saw two hits and blood gushing out of her head. I understood that nothing could be done and she died on the spot."

The Fiat escaped toward the Palestinian-controlled city of Ramallah, the Israeli army said, and its troops blocked off West Bank roads to launch a search.

# WEATHER

## November Days

Robert Korty

STAFF METEOROLOGIST

A vigorous and persistent region of low pressure has brought deluges to Texas and much of the lower-Mississippi River Valley over the last few days. By this afternoon, a new surface low will have formed off the New Jersey coast, ushering the possibility of rain over Boston this afternoon. Temperatures will be below normal by late in the week, after the front pushes offshore. Residual snow showers will threaten much of the Great Lakes today. These snows are called "Lake effect snow," and are quite common in early winter. These showers are often very localized events, but may be quite heavy. As cold air advects across the (relatively) warm water (water has a much higher heat capacity than air), warm, moist air rises and condenses aloft. This results in locally concentrated snow showers on the lee side of the lakes. Lake effect snow, which owes its origin to the source of a large, warm body of water, diminishes abruptly in late winter as many of the lakes become partially frozen.

Across Boston, signs of the season abound. The sun sets around 4:30 these days (it will be back to 4:10 by mid-December). If that were not enough to mark the advent of winter, there also appears to be a chance of snow across parts of New England by next weekend.

### Extended Forecast

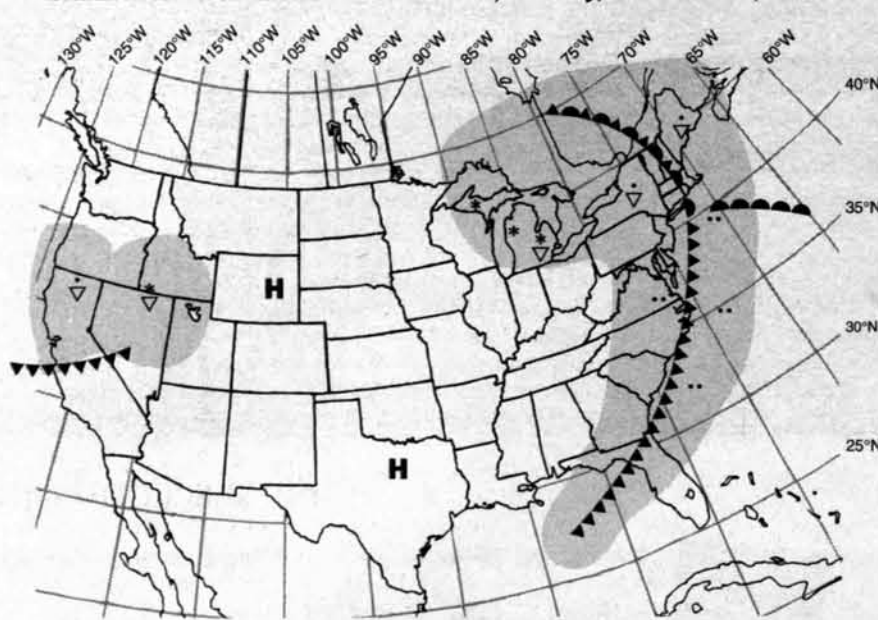
**Today:** Cloudy with showers, especially this afternoon. Rain may be heavy at times. High temperature near 51°F (10°C).

**Tonight:** Cloudy with rain this evening, tapering off late. Low near 40°F (4°C).

**Wednesday:** Blustery. Mostly cloudy skies will prevail with isolated sprinkles. High near 48°F (9°C).

**Thursday:** Mostly sunny. High near 50°F (10°C), low near 33°F (1°C).

Situation for Noon Eastern Standard Time, Tuesday, November 14, 2000



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow	Fog
L Low Pressure	- - - Warm Front	Shower	Thunderstorm
§ Hurricane	▲▲▲ Cold Front	Light	Haze
	▲▲▲ Stationary Front	Moderate	Compiled by MIT Meteorology Staff and The Tech
		Heavy	

# University of Michigan Student Dies of Birthday Whiskey Shots

By David Enders

THE MICHIGAN DAILY

ANN ARBOR, MICHIGAN

In the late 1980s, Byung Soo Kim came to the University of Michigan while his father, Ha Young Kim, was a visiting professor. When Byung Soo was ready to go to college, he returned to Ann Arbor.

The Engineering sophomore celebrated his 21st birthday Friday night, a day late, at a friend's home at Willow Tree apartment complex near the university's North Campus. According to the Ann Arbor Police Department he tried to drink 21 shots of Scotch whiskey.

Kim passed out early Saturday morning after the taking 20 shots in about 10 minutes.

His time at the University of Michigan ended tragically when he died yesterday at 6 a.m. following more than two days in intensive care.

Kim's parents arrived from South Korea on Sunday. His mother, Jung Sun Park, spoke at a press conference yesterday afternoon. They were joined by university officials, wearing white ribbons in memory of Kim, who addressed the problem of "heavy episodic drinking."

"We hope that all who knew our son will remember him as selfless, supportive, considerate, loving and kind. He had brought great joy to us and was a loyal friend to many," Park said.

Kim passed out after the 20th shot, and friends put him in a back bedroom to recover. An hour later they discovered Kim was not breathing and called an ambulance.

AAPD officer Eric Bowles

responded to the apartment and found Kim and another student, who was breathing, unconscious in the bedroom.

Bowles began cardiopulmonary resuscitation on Kim before paramedics arrived. The other student was taken to the hospital along with Kim and has been released.

His parents said the incident was not indicative of Kim's character and that he was more likely to be the person taking care of drunken friends instead of vice versa.

"This could happen to any student," University of Michigan Provost Nancy Cantor said. "This was not a student who was normally drinking in excess this way."

"The 21st birthday celebration that has developed on other campuses has come to our own," Harper said, referring to the traditional 21 shots expected to be consumed on one's 21st birthday.

Bradley McCue, a Michigan State University student, died after drinking 24 shots in the span of two hours for his 21st birthday.

Kim was resuscitated, but spent the weekend in intensive care and never regained consciousness.

The AAPD is investigating his death, but because he was 21 and took the shots by himself, criminal charges are unlikely.

Kyung Jin, Kim's roommate in University Towers, declined to speak to *The Michigan Daily*.

The University currently provides information on binge drinking at student orientation and has also conducted a poster campaign on campus.

When asked if the University's initiatives against dangerous drinking have been successful, Vice President for Student Affairs E. Royster

Harper said it is hard to tell.

"We know it is in our best interest to educate than not to educate," she said.

Hernan Gomez, a toxicologist at the University Hospitals emergency room, said that a normal-sized man will register a blood alcohol level above the legal limit after two or three shots of whiskey in an hour.

Although the Washtenaw County coroner has not officially ruled Kim's death alcohol related, Kim's blood alcohol level of .39 percent is considered extremely high.

"Above 0.3 percent is enough to cause severe respiratory depression," Gomez said.

A university survey in 1999 found that 45 percent of undergraduate students had reported an episode of binge drinking in the past two weeks.

"Binge drinking is the leading cause of death among college students," Carol Boyd, the study's chief investigator said.

"These students have a sense of invulnerability," Cantor said.

Kim was a member of the Korean International Student Association and was also a part of Korean traditional music ensembles.

A memorial service for Kim is planned for 7 p.m. tonight at First Congregational Church at 608 E. William Street. Funeral arrangements are pending through Muehlig Funeral Parlor.

"We hope to establish a fund in our son's memory that will serve international students with education and assistance on substance issues," Park said.

Counseling is available to students by calling University Psychological Services and the International Center.

## Russia Softens Stance On Missile Defense System

NEWSDAY

MOSCOW

For the first time, Russia indicated a willingness Monday to accept U.S. deployment of a national missile defense system, as long as that was accompanied by deep cuts in their nuclear arsenals.

Diverging from previous Kremlin insistence that deployment would undermine the Anti-Ballistic Missile Treaty of 1972 and shatter the cornerstone of arms control worldwide, the commander of the Strategic Missile Forces Monday proposed a new formula for maintaining a balance of power.

Gen. Vladimir Yakovlev said the new formula should consider a nation's defensive and offensive capabilities: If one goes up the other must go down. Under the treaty, the theory goes, the peace is maintained because each side knows if it launched an attack, the other could reciprocate with mutually assured destruction. A missile defense system, theoretically, undermines that balance because one side could strike and then defend itself against an attack.

"The main threat posed by altering the ABM accord is that it will radically change the state of affairs in the sphere of strategic offensive weapons," Yakovlev said Monday. He added that the United States is likely to go ahead with such a system, no matter what Russia says, and no matter who ends up in the White House.

## U.S. Forest Plan Would Protect 60 Million Acres

THE WASHINGTON POST

WASHINGTON

The U.S. Forest Service Monday unveiled its final proposal for protecting nearly 60 million acres of the nation's pristine, roadless timberlands, including large tracts of Alaska's Tongass National Forest that were exempt from controls in previous drafts of the plan.

The proposal, one of the major environmental initiatives of the Clinton administration, would ban new roads and most commercial logging in more than a quarter of the country's national forest area: 49.2 million acres in the lower 48 states and another 9.3 million acres in Alaska. The plan would not take effect in the Tongass until 2004.

"Our national forests are a precious national environmental treasure that we must preserve for future generations," said Agriculture Secretary Dan Glickman, who will review the Forest Service recommendation.

President Clinton is expected to give final approval after a 30-day waiting period that ends Dec. 18, but environmental groups and forest industry representatives announced Monday that they will continue to battle for changes.

Industry and environmental sources said it is doubtful Congress could review the new rules, but a Republican president could decide to use his executive authority to alter them or set them aside.



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# OPINION

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## Tech, Institute Mistreat Next House Residents

I feel compelled to respond to your inaccurate and incomplete portrayal of the events related to the unreasonable and unfair sanctions imposed on all residents of the third floor of my dorm ["Next House Pranks Result in Sanctions," Nov. 7].

Many of the statements you made are simply false. The window in the main lounge was not broken the night of the party, as you incorrectly reported. In fact, it was not damaged until days later. The rewiring of the elevator buttons is another completely unrelated incident that you wrongly attributed to partygoers. Also, the damaged soap dispenser you mentioned is located in the basement bathroom of the dorm, not in the heart of Third East as your letter suggests. I was even more surprised to learn that the "fish in the tank, located on Third East, all died" since I know there is no fish tank in the Third East lounge. The tank you referred to is actually located on the second floor of Next House.

Perhaps as disturbing as the inaccuracies of your article are the important facts that you failed to report. You failed to mention that every single resident of Third East is being fined \$35.00, even residents who did not attend the party and weren't even in the dorm that night. You also declined to mention that the restriction on so-called parties applies to every resident of both wings, Third East and Third West. You failed to mention that the party restriction, as stated, bans all third floor residents from even working on a problem set in a lounge with friends from other living groups. It also prohibits Next House's Social Chairs, Treasurer, Secretary, and Facilities Chair from helping to organize any events in the dorm, since those officers live on Third East. Additionally, the Association of Puerto Rican Students, which frequently conducts meetings and hosts cultural events in the Third East lounge, will no longer be allowed to do so because of this restriction.

Understand that the residents of Third East are the victims of the recent vandalism and property damage. We do not enjoy having to sit on a dirty carpet because the chairs in the lounge are broken. We do not enjoy waking up to find our personal items covered in shaving cream. Some current residents, especially freshmen, had no choice but to live on Third East due to limited housing options. Now we are all being indiscriminately fined and punished on top of it. That is the real story that should have been reported to the MIT community, the story you failed to report.

Dan Riordan '02

## Next House Story One-Sided, Biased

I write to express my extreme dissatisfaction with the story "Next House Pranks Result in Sanctions" [Nov. 7].

The article makes the completely unfounded inference that the acts of vandalism taking place around Next House in the days following the party on Third East were somehow the result of this party. It is completely irrational to argue that a party held days before somehow caused the vandalism that followed several days after. This baseless implication is made by detailing the destruction of four-year-old Isaac Millman's pumpkin and the destruction of Melanie S. Woo's fish tank immediately after the account of the party, calling these

incidents a "continuation" of the vandalism occurring the Friday before. This accusation is further pronounced later in the article, when several residents of Next House blame all the vandalism on "a few people," another apparent reference to members of Third East. Clearly the reporters were attempting to place the blame for these events on members of Third East, when the evidence for this claim is nonexistent. In addition, the article is filled with factual errors that serve to reflect poorly on Next House Third East. These misrepresentations lead to further unmerited blame cast on Third East by this article.

Perhaps the most blatant negligence apparent in this article is the complete absence of comment by a member of Third East. Instead, all quotes are from residents of Next House who are far removed from the Third East culture. As no direct or indirect comment from any resident of the wing or attendee of the party is present in the article, these reporters blatantly display their disregard for responsible reporting by failing to even talk to any of the people who are the central subject of the article.

Rather than present an objective account of the events last weekend, *The Tech* published a one-sided account making very liberal inferences and blatant factual errors at the expense of Third East. This reflects a recent trend of shameless, bandwagon-style reporting whenever a living group is implicated. In the future, please attempt to uphold some semblance of journalistic integrity and report based on the entire scope of information available, and confine transparent reflections of reporters' personal biases to the editorial section.

Zachary A. Apojan '01

## Libertarians Left Out

I was disappointed to see that *The Tech* failed to include Libertarian Party candidate Harry Browne in "Election 2000: The Issues in Review" [Nov. 7].

Through most of the presidential campaign, the mainstream media mostly covered just four candidates: Bush, Gore, Nader, and Buchanan.

However, as early as several months before the election, Harry Browne was polling almost even with Buchanan, at about 1 percent.

This is particularly amazing when Nader and Buchanan were both already well-known long before the election, and when Buchanan had over \$12 million in federal funding as a result of Perot's showing in the 1996 election. Browne raised much more money on the campaign trail than Buchanan did, but nevertheless it's hard to compete when your opponents are getting huge federal handouts. (Bush and Gore, of course, get even larger federal handouts.) The Libertarian Party has been offered federal funding but has refused on principle.

Browne also was on the ballot in 49 states and D.C., more than any other third-party candidate, and he had been on all 51 ballots in 1996, when he captured nearly 500,000 votes. The Libertarian Party is larger than all the other third parties put together, whether in terms of number of elected officials, number of candidates who ran in the 2000 election, or in fundraising.

Harry Browne was the only real alternative candidate. Gore wants the federal government to be quite a bit larger. Bush disagrees, saying that it should be about the same size it is now. Nader tells us that the government should be much larger. Buchanan wants the government to impose his ideas of morality on other people's lives.

Only the Libertarian Party takes a strong stance against government intervention in our

lives in all of its forms. Libertarians favor eliminating the income tax completely, repealing drug laws and ending the counterproductive War on Drugs, and reducing government to its constitutional limits.

Harry Browne finished in a solid 5th place and won 85 percent as many votes as Buchanan. I can only imagine how much better he could have done if the media hadn't ignored him.

Matt Craighead '02

## Partial Credit Useful

In Roy Esaki's recent article ["Close, But No Cigar," Nov. 7] he made a mistake in dismissing partial credit as merely some favor given by nice professors. He was correct in saying that partial credit is not a right. It's not the sort of issue to have human rights activists screaming and waving signs. It's not something that students should demand from professors as an inalienable right. However, partial credit is not a privilege either.

What partial credit *is* is an educational tool. It fits into the idealized philosophy behind grades. Grades should serve as an accurate indication of one's mastery in and dedication to a particular class. Grades should help to motivate a student to be serious about his or her studies. It is unfortunate that grades have become caught up in people's concept of their self-worth, graduate school and job applications, and political maneuvering (e.g. grade inflation to improve a school's image).

When a professor writes up, say, an 8.01 exam, he isn't thinking about how cruel he can be or what fun little brain-teasers he can come up with. He's trying to determine the level of knowledge that a student has. Whether he will give partial credit depends on whether he wants to emphasize reasoning skills or attention to detail. In many classes knowledge of the material and proper reasoning are far more important than any missed negative sign. You could learn to be a bean-counter anywhere; here we teach folks how to engineer the beans.

This is what Roy got wrong when he claimed that "the point of any problem is to get the answer right." While it's true that there is something to be said for basic accuracy, that is not the whole picture. The point of any problem is to test the student. It's up to the professor or department to choose what should be tested, although we are paying them to be fair and intelligent about it. There are subjects where partial credit is inappropriate and there are subjects where correct answers without correct derivations are marked wrong. Partial credit is neither a right nor a privilege. It is an educational tool used by professors to achieve their educational goals. For after all, educational goals should be the main goals of education.

Brad Ito '01

## Slackers for Sluggo

Hey don't be knocking slackahbeat. It's one of the more original and funny comics *The Tech* has had in the last 4 years. The writing style is simply a subtly blunt satire on the culture being parodied, and the way they talk and think (at least, I hope it's a satire).

Anyway, I wrote the features editor last winter break about the possibility of printing Sluggo Freelance in *The Tech*... it's at least as good as Dilbert or Foxtrot and they could probably do it for free too. Alas, nothing.

So again I say, worship the comic! Is it not nifty? ([www.sluggo.com](http://www.sluggo.com))

Mo Kang '03

## Opinion Policy

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

**Dissents** are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

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

**Letters to the editor** are welcome. Electronic submissions are encouraged and may be sent to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu). Hard copy submissions may be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

**Letters and cartoons** must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No let-

ter or cartoon will be printed anonymously without the express prior approval of *The Tech*. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

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## To Reach Us

*The Tech's* telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to [general@the-tech.mit.edu](mailto:general@the-tech.mit.edu), and it will be directed to the appropriate person. *The Tech* can be found on the World-Wide Web at <http://the-tech.mit.edu>.

## Caveat Elector

Eric J. Plosky

Pro-Gore seniors confused into voting Buchanan, mass ballot disqualification, lawsuits over manual recounts — it's a mess down there in Florida. Last week, in a conversation before the election, I expressed my complete faith in the federal electoral system. Now, with Bush and Gore both hovering over the Sunshine State like vultures, I'm not so sure.

I do know, though, that two proposed election reforms — abolishing the Electoral College and replacing the poll-based voting system — are not at all the way to avert future debacles.

"The Electoral College is a loser and should be voted out," shrieked the *Boston Globe* in its lead Sunday editorial. Granted, the College is something of a constitutional relic, established for three arguably obsolete reasons: to insulate the presidential election from the hoi polloi, to discourage the marginalization of small states (as in the constitutional Great Compromise), and to promote political balance between North and South (read: free states and slave states).

But scrapping the Electoral College in favor of direct, nationwide presidential elections would have several unpleasant effects. First, national politics would quickly break free of state and local affairs. No more will "presidential candidates court governors for their endorsements, appear at rallies with local political figures, [or] learn the names of state party officials," said Harvard law professor Charles Fried in Saturday's *New York Times*.

Furthermore, predicted Fried, national television would play an even larger role in national elections, "lead[ing] to a further Starbucks-ification of our political life, where every locality and region would slowly homogenize with every other into one undifferentiated mass."

Our revered system of federalism, replaced by McPolitics.

Yes, presidential candidates in recent races have more and more appealed to stereotypical "average" Americans, but at least they've worked through the existing local and state political networks, hobnobbed with local and state bigwigs, and acknowledged local and state concerns. With no Electoral College, local and state identities would be total non-factors in nationwide races. Perhaps the stage would then be set for the decline of states as distinct political entities; eventually, they'd just be lines on a map.

And to those who dispute this, to those who claim that the Electoral College is just a bygone tradition, I offer this example: If there had been no Electoral College in 1972, Massachusetts residents could never have distinguished themselves as citizens of the only state in the Union not to vote for Nixon with bumper stickers reading, "Don't blame me; I'm from Massachusetts." Think about it.

Other pundits have demanded the replacement of our traditional poll-based voting system with something a little more cutting-edge. Oregon, for instance, now has voting-by-mail, and Arizona has begun to experiment with electronic voting. E-voting, especially, has excited technological utopians, who claim that if we abolish paper ballots and eliminate polling places, voter turnout will increase significantly and America will move that much closer to true democracy. Plus, claim its proponents, e-voting would make obsolete ballot-counting controversies of the sort now exploding in Florida.

There are all the usual objections to e-voting. It will be expensive to implement. Security and authentication are major concerns, particularly given Americans' twitchiness about privacy and identification by the government. Training people to vote electronically will necessarily be painstaking and arduous, and e-voting may in any case discriminate against individuals or groups with low rates of computer ownership and literacy. Utopians breezily dismiss these concerns, and they do have a

point; admittedly, e-voting does seem a logical next step in our democratic evolution.

But what the utopians miss is that neither e-voting nor voting-by-mail does anything to increase engagement among the electorate, an attachment to the political process that creates genuine interest and concern among voters for the issues and candidates. Indeed, e-voting actually decreases engagement. The easier it is to vote, the less one has to know or care about it in order to be able to do it.

With that in mind, increased turnout could well be a disaster; millions of uninformed, relatively uninterested new voters, "empowered" by e-voting technologies, would carelessly cast ballots from the sofa between acts of *Friends* — not based on a thoughtful analysis of the issues, but probably for the candidates whose campaigns have the most ad appeal. Wouldn't that be grand?

If you think campaigns are all flash and no filament now, wait until the polling places start to disappear. At least under the current system, voters actually have to be sufficiently energized to go to the polls and stand in line.

This is just what Robert Putnam, another Harvard prof, talks about in his recent book *Bowling Alone* — he posits that the postwar decline in American civic life is largely due to the replacement of local social, church, and community group meetings by nationwide mailings designed expressly to solicit contributions. Sure, political advocacy groups boast millions of "members" — but most of them are not involved in group activities at all; they just send checks to headquarters.

The American electoral system has served us reasonably well for over two centuries. Ignore rash calls for the abolition of the Electoral College and for a stampede toward a non-poll-based method of voting. If we want to contemplate electoral improvements, let's move to enrich our civic life, not to further impoverish it. Until then, a little controversy now and again is a small price to pay.

## More than Carelessness

Guest Column  
Al Galbraith, Jr.

Ballots are like vegetables: You can count on a certain percentage of loss due to spoilage. It happens every time. My grandmother once thought she'd voted "straight [party] ticket" until Dad pointed out it was a primary. "Oh," she said. "I guess I lost my votes." We never did figure out what she'd done in the voting booth (with the old-fashioned voting machines that wouldn't let you vote twice in a race).

What happened in Palm Beach County is fundamentally different than mere carelessness on the voters' part. A cynic might argue that they have hit upon a new form of literacy testing. If you aren't smart enough to figure out which arrow points to which hole, you are too stupid to vote and your vote should be flushed down the toilet. I don't think you would agree that we should bring literacy testing back, although we seem to be

*So, what do we tell the thousands of voters who lost their votes because of a ballot layout unique to Palm Beach County; who walked out unsure whether they voted for their candidate or not? Tough luck?*

getting a similar result if the vote count stands after the recount without a new election in that county.

There is precedent in Florida for the legal proposition that ballot format irregularity is not sufficient to order a new election. But that came out of the Second District Court of Appeals, and Palm Beach County is in the Fourth District Court of Appeals, which means the judges there are not bound to follow that decision as precedent. The judge in Palm Beach County who gets the cases (they will be consolidated and will go to the judge who got the first one) may well take into consideration the significance of thousands of people losing their vote. This isn't a case of a few votes being lost due to some irregularity, or of the losers crying foul after the results are announced.

There is no argument that thousands of voters did not express their will on Tuesday. Consider one precinct, made up mostly of residents of Century Village, a huge condo in Palm Beach County which is almost 100 percent occupied by retired New York Jewish Democrats — life-long, dyed-in-the-wool Democrats. They have been recognized as a power base in Palm Beach County for a quarter of a century. That precinct cast a disproportionate number of votes for Pat Buchanan. The likelihood of those voters voting for Buchanan in large numbers is equivalent to the likelihood that the Sun will rise one hour early tomorrow.

Why did they? A ballot design with one row of small holes serving two columns of names. The design is similar to a busy one-lane city street being designated for two-way traffic (and if you are in a head-on collision, you deserved it for being too stupid to look ahead).

So, what do we tell thousands of voters, mostly average in intelligence, who lost their votes because of a ballot layout unique to Palm Beach County; who walked out unsure whether they voted for their candidate or not? Tough luck? I wouldn't tell them that, and I hope the judge who has the case won't tell them that, either ... not for fear of being defeated whenever he runs for re-election, but because the eyes of the civilized world are on Palm Beach County, and everybody deserves to know whether the will of the voters was reflected in the results. Even if he fears the political consequences, what's the worst thing he can do but let the voters who voted on November 7 come back and reaffirm their votes? That would sound like politics at its best to me.

The honorable Mr. Buchanan has disavowed the votes not intended for him. Why should anybody else say otherwise?

Al Galbraith, who has served as City Attorney in two cities in Palm Beach County, Florida, is the father of Megan L. Galbraith '01.

## Israel: Blaming the Victims

Guest Column  
Babak Ayazifar

"If Palestinians were black, Israel would now be a pariah state subject to economic sanctions led by the United States." Thus ran "Israel Must End the Hatred Now," an October 15 article in *The London Observer*.

Israel's public-relations campaign has painted the image of a nation that is "under siege," whose soldiers exercise "self-restraint" and "discipline" (as evidenced by over 200 people killed and 6,100 injured, almost all Palestinian), and whose peace-loving, benevolent leadership repeatedly has offered the olive branch to the Palestinians, only to be rebuffed each time by that pack of philistine Arab ingrates who refuse to accept a polka-dot collection of hopelessly disjointed cantons as their "independent" state. I am befuddled by how logic is twisted and decency trampled. Has the truth lost its meaning? Or has the brutality of Israel's occupation become too burdensome for the collective conscience of its proponents to bear?

Let us get the facts straight. Israel is the occupier; the Palestinians are the occupied. Israel has a military apparatus that ranks among the world's most formidable (thanks to our tax dollars), and it has used it unashamedly, as evidenced by its two-decade-long occupation of Lebanon, three-decade-long, continuing occupation of the Golan Heights, and frequent raids on civilian infrastructure and population centers. Israel counters slingshots with tanks and helicopters. Israel erects colonies on occupied Palestinian territories, against international law. Israel is a self-proclaimed "democracy" where Arab suspects are detained indefinitely, without trial or charge, for "security" considerations. Israel treats its non-Jewish citizens as second-class in all social-services spheres. On Monday, October 30th, Arab lawmakers in the Knesset staged a walk-out to protest the killing of over a dozen Arab citizens of Israel by the Israeli "security forces."

In an October 5, *New York Times* opinion column, titled "Israel's Doomed Peace," American-Israeli human rights lawyer Allegra Pacheco wrote: "Since 1994, Palestinians have seen the influx of 50,000 new Jewish settlers into the West Bank and Gaza ... the arrest of 13,000 Palestinians, and complete curtailment of freedom of movement." On October 27th, the U.N. Commission on Human Rights strongly condemned "the disproportionate and indiscriminate use of force in violation of international humanitarian law by the Israeli occupying Power." In the same scathingly-worded Resolution S-5/1, the

UNCHR explicitly stated that Israel's killing of civilians and children "constitutes a war crime and a crime against humanity."

On November 9th, Israeli helicopters strafed the civilian pick-up truck in which Husayn Abayat, a PLO commander, was traveling. As the occupants of the vehicle burnt to a crisp from the rocket attack, two Palestinian women bystanders were killed, from multiple shrapnel wounds, and scores of Palestinians were injured, many critically. Israeli General Yitzhak Eitan claimed that Abayat "was in possession of many weapons, like machine guns" and "was targeted on the way to commit an attack on (Israeli) soldiers."

Agence France-Presse (AFP) reported that their "correspondent who inspected the burnt-out shell of the vehicle immediately after the attack, said there was no sign of weapons." "The vehicle," AFP reported, "was heading deeper into Palestinian-run areas when it was bombed." Referring to the assassination as a "pre-emptive strike by intention," an unabashed Israeli Defense Minister, Ephraim Sneh, told the Associated Press: "If the game is a guerrilla war, we are the champions of the world." So much for self-restraint and discipline!

Anyone who has seen the images of Israel's victims knows that a thousand words of spin cannot counter the stark reality that even one of those pictures conveys. How can one counter the image of a Palestinian boy shot in the head, like 12-year-old Sami Abu Jazar or 13-year-old Muhammad al-Najjar, just two of the umpteen children killed. How can one feel anything but outrage at the mis-carriage of Malake Kafishe in her Hebron home? Seven months pregnant and looking forward to her second child, Malake heard Israeli helicopter gunships. She started bleeding, went into shock, and ran for the stairs. The sounds of helicopter gunfire caused her to stumble and collapse by the doorstep. The ambulance finally arrived an hour late, due to an Israeli curfew and the insistence of two IDF soldiers to examine her. After five military checkpoints, she reached Aalia Hospital. But it was too late; the baby was lost.

And what of those Israeli settlers? They brandish semi-automatic weapons as they parade on confiscated Palestinian land over which they arrogantly lay a birth-right claim. To this day, throngs of settlers adorn and worship the shrine of their fallen comrade, Baruch Goldstein, who in 1994 walked into Ibrahim Mosque in Hebron and opened fire, killing over 50 Palestinians. Of course, the world in 1994 was expected to believe Yitzhak Rabin who characterized the incident as "a murderous act by a psychopath." In shocking irony, though, it was the Palestinians who bore the

consequences. Over six years later, in her November 1 op-ed piece in *Ha'aretz*, Amira Hass reminisced about the aftermath of the Hebron massacre for Palestinians: "curfews, closures, the shutting down of entire streets and continual, hostile supervision by Israeli soldiers and police officers."

Now, fast forward to the recent murders of two Israeli undercover agents in Ramallah. No doubt, the violence against the two was abominable; after all, both divine and man-made laws stipulate ethics, even in times of conflict. One cannot but categorically condemn that heinous act, regardless of whether or not the victims were recognized as members of an undercover Israeli death squad.

Even before Israel's helicopter gunships fired a single "retaliatory" shot into Ramallah, its propaganda apparatus had embarked on an effective public-relations campaign to ascribe savagery to the entire Palestinian people. Whereas in 1994 the world had been expected to view Baruch Goldstein as a lone psychopath acting on his own, in the recent incident the Palestinians were collectively portrayed as guilty of lynching two Israeli "reservists" who had "taken a wrong turn" into Ramallah. Naturally, it was the Palestinian people, collectively, on whom Israel rapidly unleashed its firepower.

Noting that the total, month-long curfew on 40,000 Palestinians in Hebron (to protect 500 Israeli settlers in their midst) is an example of a daily injustice that "is regarded as a completely natural phenomenon in the eyes of Israeli society," Amira Hass wrote: "The new Intifada, which displays the characteristics of both a popular uprising and a quasi-military one, is a final attempt to thrust a mirror in the face of Israelis and to tell them: 'Take a good look at yourselves and see how racist you have become.'"

I am bewildered by those who try to defend the indefensible, who deny the brutality that is administered by the Israeli forces day after day. And I am appalled at how the proponents of Israel attempt to rob Palestinian parents of their basic humanity by accusing them of sending their children into the line of fire.

It is morally distasteful for our tax dollars to be sustaining a state that conquers Palestinian land and spills Palestinian blood, through not only a ruthless military apparatus, but also a virulent propaganda campaign. It is time to cease blaming the victim; it is time to stop sanctifying the oppressor.

Babak Ayazifar is a Ph.D. candidate in the Department of Electrical Engineering and Computer Science. The author acknowledges the editorial assistance of Fadia Rafeedie, Yale Law School class of 2003.

# Deli Sandwiches with Extra Pickles

Roy Esaki

As it is now the fashionable thing to do for any columnist, analyst, and political junkie worth his salt to tirelessly and excitedly contribute his own Brine of Commentary to the Pickle of Election Results, I, too, must don the Calvin Klein Sanitary Gloves of Insight and make the Deli Sandwich of Political Analysis. What this election needs, I dare say, is even more controversy, finger-pointing, and political-expedient lawsuits. And, of course, we must not neglect more presumptuous and trigger-happy media coverage, more commentary analyzing earlier commentaries, and, above all, more caustic cynicism and mistrust of the democratic process! Whining, indignation, and the American Way! Please note the subtle sarcasm.

Needless to say, this whole election process is rather unfortunate. Because of the antediluvian Electoral College, some poorly punched holes, and a few thousand blurry-eyed grandmothers who accidentally voted for Buchanan, the concept of democracy — that the government is chosen by all of the citizens — has been reduced to absurdity.

The fate of all that depends on the presidential election, from the health of Wall Street to US-China military relations to the happiness of SNL writers, now depends on fewer people than would occupy a high school football stadium. Although it could be argued that the closeness of this election demonstrates the importance of a single vote, it's more accurately stated that it demonstrates the importance of certain single votes in large swing states. Like the parent who tries to bribe the unloving child with gifts and attention while neglecting the filial child, the current political system magnifies the importance of equivocal states while snubbing and taking for granted the loyal ones. If you live in a loyal state, your individual vote matters not; if you're mistrust-

ful and undecided, you're as desirable as a canceled class during midterm week.

So the Electoral College is unfair, and people with bad vision and rather questionable direction-following abilities are propelled into the limelight of the international media.

That's a consequence of preexisting mechanisms, and is relatively understandable. The real kicker is the torrent of legal semantics and accounting gimmicks that the political parties — mostly the Republicans, I must say — are using to sway what should be an objective, unequivocal answer to their favor. Gore supporters, independent of the Gore campaign to be sure, filed suit because a confusing ballot allegedly deprived them of their right to vote. Republicans filed an injunction against hand-counting the votes because manual counting may be subject to bias. A most disappointing proceeding is Bush's claiming the need for the nation to accept the results and move on, while calling for recounts in states where he barely lost.

It's a naive concept, perhaps, but now that the vote has been cast and the decision unequivocally made, both parties should be seeking to ascertain the true victor, rather than to unjustly manipulate the results.

There's no good that can occur from all of this equivocation and squabbling. The arguable illegitimacy that shrouds this election process, along with public discontent with either candidate, will very likely make the next president not only a one-term president, but also an ineffective and defensive one. The bastion of democracy, the arbiter of justice, the nation on a hill that once was the United States has lost some of its political authority abroad, as criticisms of questionable and fraudulent elections in other nations would be hypocritical. The media, too, has lost credibility in its eagerness to declare a victor.

The citizens are weary, cynical, and indignant. Columnists who valiantly kept up with

the latest news until sunrise the day after the election are weary and sleepy.

The confusing ballot, the close election, and the media mistakes can't be changed. What can be changed is the public perception and individual emotions; namely, we don't have to be so angry and bitter. A couple weeks ago, many citizens, and many more Nader supporters, complained that the candidates were essentially interchangeable. If that's true, there's no reason to be emotionally distraught over who wins. Granted, there is an issue of justice, truth, and the principle of the will of the people at stake. Past presidents, such as John Q. Adams, have been chosen unfairly, however, and this injustice didn't destroy our nation, or even the ideal of democracy.

Also, people consider the election outcome a lose-lose scenario. But if each candidate has egregious faults, then in some respects, each candidate is better than the other. Thus, the outcome can be considered a win-win scenario. Whoever wins, we could focus on the benefits of the particular president-elect, and be glad we avoided the faults of the other. This is not to say we should be complacent and uncritical of the victor. Rather, I maintain only that instead of having diatribes and discourses, we should be united in pondering a reconciled, mutually amenable solution to the current and future problems.

This election crisis could have been handled more effectively by the parties, the media, and the citizens. Future US History students will be forced to analyze what contributed to the Crisis of '00. Four years from now, the electorate will be reminded of this year, and the importance of the single vote. But in the vast context of a turbulent history, and compared to the Yugoslavian or South African elections, the injunctions and picketing and indignant grandmothers and impartially removed chads are all part of a relatively happy chapter of the Great American Experience.

# I am G4, Bow Down Before Me

Kevin Choi

MIT students are in love with technology. Take me for example.

I am the envy of all my hallmates. After all, I have a Panasonic 19" TV, a Panasonic 4-head VCR with S-Video and automatic commercial skipping, and a cable box with Showtime and HBO.

That's not all: I also have a Palm Vx (a Palm V is just not cool enough), a Diamond Rio MP3 player, a Nokia cell phone with Sprint PCS service, a Sony VAIO PC laptop with a 14.1" screen, an Iomega Zip drive, an NEC Superscript laser printer, an Epson Perfection scanner, and a Sony DV Camcorder.

Oh, and just last week, on Tuesday, my Apple G4 Cube arrived with its matching 17" monitor, featuring Natural Flat Diamondtron CRT technology.

As you can imagine, I was very excited when the dorm's deskworker exclaimed that my Apple computer had arrived. I told him I'd be back to get it after I cleared my desk to make room for the arrival of my new baby.

I grabbed my friend and next-door neighbor Seth Guinals-Kupperman '01 to help me carry the system back to my room. The monitor weighed a ton and there was no way I could carry it back to my room myself.

"Gee, this is really cool, Kevin!" said Seth. I smiled and nodded. "I know."

Of course, as soon as Seth and I brought the monitor and computer back to my room, everyone on the hall stopped their studying and rushed over to gawk at my newest toy.

"Ladies and gentleman! Let me unpack the system first and then you guys can all come back and test-drive it." I told my audience. My friends then skittered away. Having reclaimed my room, I closed the door and walked toward the unopened boxes. Like a little kid coming downstairs on Christmas morning to find presents under the Christmas tree, I giggled devilishly and grabbed a pair of scissors to cut open the boxes.

Before I was able to unwrap all the accessories, the phone rang. "This is Kevin," I announced tersely. It was my mother calling to ask me whether I'm coming home for Thanksgiving.

"I'm busy right now, Mom. My Apple G4 Cube finally arrived! Can I call you back later?" She grunted in response and then we exchanged goodbyes.

"Ah," I thought to myself. "No more distractions." As soon as I thought it, the phone rang again. This time it was my friend Jeff calling to ask if I wanted to go grab dinner with him.

"Jeff, I can't do it right now. I want to set up my new computer," I told him. "Can I take a rain check?" I then rushed him off the phone. I felt bad, but that night, the main priority was the computer. I'd just call him back when everything was set up and take him out for dessert, I thought.

I took the monitor out of its box and placed it on the desk. I stood back to admire it. "This is so beautiful," I drooled. I then took the G4 Cube out of its box along with all of its accessories and connected them together. I stood back again. "Yep, looks just like the poster," I said to myself, satisfied.

Booting and configuring my computer was a snap. Seeing the G4 in action was my thrill of the night. "Steve Jobs is a God," I thought. "Now I know why there are so many loyal Mac users." I next put in the 256 MB of extra RAM I bought and attached the 80GB external hard drive. After all was said and done, four hours had passed. I had spent the entire time setting up the computer and playing with it. It was now midnight. I turned the computer back on and popped "The Matrix" DVD into the top-loading slot. I leaned back on my chair and grinned. Ah, this is the good life.

"Shit," I thought. "Jeff and Mom! Oh well, I thought, I'll just give them a call in the morning." Or maybe afternoon. I do still have to install all of the software ....

MIT students are in love with technology. I'm in love with technology.

What's scary is that sometimes I feel we're more in love with technology than with people. After all, I turned down interacting with two people I cared about to spend time with my computer. Scary indeed.

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# FEATURES

## Clinton Vetoes Anti-Leak Bill

### Bill Would Have Made Release Of Classified Information to Media a Felony

By Shankar Mukherji

STAFF WRITER

President Bill Clinton vetoed legislation on November 4 which would have imposed stiff penalties on officials who release classified information to the media.

In his official statement reported to the Reuters news service, President Clinton stated, "Today I am disapproving H.R. 4392, the 'Intelligence Authorization Act for Fiscal Year 2001,' because of one badly flawed provision that would have made a felony of unauthorized disclosures of classified information."

The measure, drafted in Congress and passed through the legislature in October, drew sharp criticisms from several leading media agencies, which claimed that the measure "simply went too far."

"For the first time in our nation's history, a law would criminalize all unauthorized disclosures of classified information — in effect creating an 'official secrets act' of the sort that exists elsewhere but that has always been rejected in this country," wrote top executives from CNN, *The Washington Post*, *The New York Times* and the Newspaper Association of America in a joint letter sent on October 30 as reported by the Associated Press.

The measure was requested by the Central Intelligence Agency (CIA) in response to the loss of several operatives and surveillance methods as a result of newspaper investigations based on leaks of classified information to the media. The CIA declined further comment.

Senate Republicans reacted negatively to the veto.

"These leaks risk lives and endanger intelligence sources and methods — sources and methods that may not be there to warn of the next terrorist attack, crisis or war," said Senator Richard Shelby, an Alabama Republican and chairman of the Senate Select Committee on Intelligence, to Reuters.

Attorney General Janet Reno had also endorsed the new criminal penalties as a deterrent to leaking, while acknowledging a "fine line between a free press able to publish and encourage public debate and how we protect the national security," in a statement to the Associated Press.

Opponents of the "anti-leak" measure met President Clinton's action with praise.

"The president has taken an important step toward protecting the rights of all citizens to receive the information that keeps government accountable to its people," said John Sturm, president and chief executive of the Newspaper Association of America.

A controversial clause in the Intelligence Authorization Act of Fiscal Year 2001, inserted by the Senate Intelligence Committee after closed hearings, stipulates criminal penalties for an alleged whistleblower who "knowingly and willfully discloses or attempts to disclose" any classified information. Penalties include a possible \$10,000 fine and incarceration. Under current U.S. law, it is a crime to release classified information if it helps a foreign power, exposes intelligence agents or relates to national defense.

President Clinton, while recognizing the need to protect vital secrets in the interests of national security, defended his veto as an effort to protect First Amendment rights central to American democracy.

"When the Congress returns I encourage it to send me this bill with this provision deleted and I encourage the Congress as soon as possible to pursue a more narrowly drawn provision tested in public hearings so that those they represent can also be heard on this important issue," said the president.

The issue of leaks to the media is not restricted to the United States.

The British Parliament passed, in 1889, the Official Secrets Act, which also punished leaks of classified information which could threaten the security of the Crown. It was replaced by a new act in 1989 that says receiving leaks is not a crime and some types of information are not subject to criminal law. Prosecutors also must prove that "harm" has been done to the national interest.

The bill is one of several annual appropriations bills which fund government agencies. H.R. 4392 includes the funding for 11 intelligence agencies, including the CIA and the National Security Agency, in fiscal 2001. The total budget is not made public, but it is believed to be about \$30 billion.

## Viewpoint

What do you think of the outcome of this year's election?



I think it's ridiculous. I don't think they're going to find a way to resolve it that will appease both sides. I really think the ballot was confusing for older people.

— Sharon Karackatter G



The last election is really exciting because it shows the point of view [of people in this country]. They're enthusiastic.

— Kim Son Thi Korn '01



It is strange that the vote is so uniform. [Parties in Turkey] usually tie at ten percent.

— Bilge Yildiz G



I just want it to be over.

— Gabe Phifer '02



The democrats are crybabies.

— James Flynn '02



Either way they go it's going to set a precedent. Whatever is decided in future elections, people are going to look back at Florida.

— Allison Neizmik '02

## Charter Schools Give Conflicting Results in Educating Kids

Charter Schools, from Page 1

average, and may even be doing worse."

These are, notably, the worst-case scenarios. Charters in Massachusetts have not performed so poorly, but are still lagging, on average, behind public schools according to a recent State Board of Education report.

### Positive support from other areas

Nevertheless, some charter schools have received raving support from parents. In a national survey, more than 90 percent say they are satisfied with their children's school curricula. Three-fifths report that charter schools have better safety and discipline than neighboring public schools. And four out of five plan to keep their child in the charter school as long as it's available.

Charter school advocate Chester Finn offers that "in a town where all the regular schools are 'progressive' or 'child-centered,' for example, a back-to-basics or 'Core Knowledge' charter school is a treasure for disgruntled families."

"And vice versa," he added. "We've also been in communities whose 1950s-style public schools don't suit the Yuppie parents of 1990s-style kids. In such situations, a charter school that offers open classrooms, mixed-ability grouping and 'developmentally-appropriate' instruction is a pearl beyond price."

Finn cited survey results recounting the approval ratings parents have given charter schools. But in the same survey, almost forty percent of polled charter school teachers say that they would otherwise be teaching in a public school if they could gain employment at one.

What marks the charter school movement in particular is that these schools avoid some of the problems faced by America's public

schools while encountering notably different problems that occur at no less frequency.

Finn and other charter schools advocates blame the lack of start-up funding these schools face for problems like lack of teachers or furniture. Critics say that a fundamental shift of educational priorities to the notion of maximizing profits and creating incentive schemes generates poor schools.

### Historical parallels in health care

If anything is clear about charter schools, it's that their development heretofore has striking parallels to the American health care privatization movement of years past.

"I tell people that if they like HMOs, they'll love charter schools," said Dr. Stephanie Woolhandler, of Cambridge Hospital, to a *Boston Globe* reporter. The arguments in favor of using "free-market" principles in the education scene, she explained, are much like the cost-cutting arguments used to curb medical costs in the 1980s.

Indeed, the fear brought on by this parallel has been partially supported by a recent court case against one Boston charter school.

In 1997, the U.S. Department of Education's Office for Civil Rights found that the Renaissance Charter School in Boston discriminated against a special-needs student. The school reportedly shortened his school day, placed him with an unqualified teacher, and suspended him without disciplinary reason.

"We did not have all our systems in place during our start-up phase," explained Esterjuana Gliwinski, the headmaster of the school.

But Julia Landau, a lawyer with the Massachusetts Advocacy Center in Boston, explained that the school still "had the same obligations as other public schools to provide equal access for students with disabilities."

After Renaissance was sued, the school added nine special-needs teachers, two social workers, and several speech therapists.

But the suit itself brought up fears that charter schools might be "cherry-picking," or choosing just those students who will perform well in mainstream curricula. The scenario is similar to HMO practices of discouraging elderly and sick patients from enrolling in insurance programs.

Zollers, in a recent study she published with fellow researcher Arun Ramanathan, documented several cases in which Massachusetts for-profit charter schools discouraged enrollment of moderately learning-disabled children, often by counseling them to unenroll or by requesting that their parents pick them up early from school on a daily basis.

"The way the Massachusetts charter school law calculates average cost per student gives for-profit schools a major financial advantage over district schools," Zollers said. She explained that by discouraging disabled students, charter schools often saved large amounts of money.

Her study also found similar discouraging practices against students in need of English

as a Second Language (ESL) courses.

### The 'cherry-picking' controversy

Rebutters to cherry-picking accusations say that the charter school movement may have the opposite effect, allowing minority students or students in traditionally poor areas to finally receive an effective education.

When charter schools were first given recognition by Michigan's Supreme Court, Governor John Engler called the decision "a huge victory for students, their parents, and schools," and cited that the majority of the 12,400 students at the schools were minorities. Michigan's recent charter school troubles, however, have not stifled the argument that minorities in areas with poor public schools could benefit from the charter movement.

Indeed, claims of cherry-picking by charters have been disputed by recent data. Massachusetts reports a higher number of minority students enrolled in charter schools than in public schools. Minnesota and Wisconsin also report that cherry-picking against disabled students has not occurred in their state — charter schools there serve almost twice as many disabled students as do public schools.

Finn also argues that discrimination against low-income students will be unlikely. "The price ... is zero, at least for the customers," he said. "Charter schools don't charge tuition ... for low-income families in particular, the charter option is an extraordinary boon."

Again, results are extraordinarily variable. While some charters face lawsuits, others receive new funds. What is clear from the recent history of charter school start-ups is that Americans seem remarkably disgruntled with the state of public education. Whether charter schools are a solution to the problem, and how they might be regulated, is another task to consider.

*"I tell people that if they like HMOs, they'll love charter schools." — Dr. Stephanie Woolhandler, Cambridge Hospital*

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# THE ARTS

## MUSIC REVIEW

# State of the Airwaves

Manson, Martin, and Michael

By Dan Katz  
STAFF WRITER

I sincerely hope that as you read this, the weather is better than it is as I'm writing it; I just trudged through one of the coldest, darkest, rainiest nights I've seen in quite a while. But now I am warm and toasty and, as always, dedicated to bringing you your music update for the week. Hopefully if you trek out to any of these shows, Mother Nature will be kind to you.

Tonight, Fastball continues the tumble down from their rise to fame as they support their underplayed new album at the Middle East. Tomorrow, goofy ska-punk is on the menu at Axis, and the entrée is a serving of Reel Big Fish with a side of Catch 22. Meanwhile, one of my favorite local groups, Hybrasil, take the stage tomorrow at Lilli's in Somerville, while the Middle East presents the first of two consecutive evenings with Bela Fleck and the Flecktones at the Somerville Theater.

Thursday night, there's more local music at Lilli's with Waltham and the Pills. There are also a few celebrities in town; at the Paradise, you can catch the Bacon Brothers, Kevin and Mike (yes, that Kevin Bacon). Across town, the Roxy hosts an extremely unusual group: the Rock Bottom Remainers, an authors' jam band that includes the likes of Dave Barry, Stephen King, Amy Tan, and Matt Groening. The group doesn't claim to be very good, but any band that plays a song by Barry called "Proofreading Woman" earns my approval.

Lilli's continues to be busy Friday, this time with DJ Spooky, whose live show is one of the better electronic sets I've seen. The Sheila Divine play two nights at the Paradise Rock Club this week: Friday with Six Going On Seven, and Saturday with another of my local favorites, Orbit.

Of course, if you're an MIT student, chances are you're more excited about They Might Be Giants at Avalon Saturday. There's also a less prolific but very promising gig

with Elf Power and Man Or Astroman? at the Middle East. Sunday, Lisa Loeb (apparently she's still alive) plays the House of Blues and cult folk icon Dar Williams appears at the Orpheum Theater. And finally, on Monday, the latest incarnation of the mother of all prog-rock bands, King Crimson, begins a two-night stand just across the river at Berklee.

Out this week and likely to chart well: Ricky Martin's new album *Loaded Rhythm* hits shelves today, while Marilyn Manson targets a slightly different demographic with his

*Holy Wood (In The Shadow Of The Valley Of Death)*. Also, while "Original Prankster" hasn't approached the popularity of the Offspring's previous megahit "Pretty Fly," you can still expect high sales numbers for *Conspiracy Of One*, their new disc. Rounding out today's releases are albums from Elysian Fields (*Queen Of The Meadow*) and Brian Jonestown Massacre (*Zero*), as well as an EP called *Danelectro* from indie favorites Yo La Tengo.

A few weeks ago when College Fest came to the Hynes Convention Center and I ran through the band lineup, I glossed over one name I hadn't heard of — James Michael. Since then, I've realized I ignored one of the most promising new artists that played the show. While Michael's press photo seems to pigeonhole him as a tortured pretty boy singer-songwriter, his music is actually fairly loud guitar rock with some killer hooks and very clever lyrics. I recommend checking out the leading single, "Inhale," to determine whether you'll like the album ... and try to overlook the mistake that occurs on his CD as well as on Magnified's *Stand In Traffic*: a fairly lifeless and misconceived cover of Joe Jackson's "Is She Really Going Out With Him?"

That's all I've got for you this week. As always I welcome your e-mails, whether you want to correct me, agree with me, support or denounce vegetarianism, or write me a snappy poem of some kind. All correspondence is appreciated, and if your grammar is particularly accurate I might even respond. The address to use is [airwaves@the-tech.mit.edu](mailto:airwaves@the-tech.mit.edu), and I'm also reachable via <http://mp3.com/dankatz>. Until next Tuesday, when we see if I'm once again willing to procrastinate a large mound of homework to write a column, have a great week and keep expanding your horizons.



They Might Be Giants, seen here performing at MIT, take the stage this Saturday at Avalon.

## FILM REVIEW ★

# Red Planet

Mission to Mars 2

By Vladimir Zelevinsky  
STAFF WRITER

Directed by Antony Hoffman  
Written by Chuck Pfarrer and Jonathan Lemkin

Starring Carrie-Anne Moss, Val Kilmer, Tom Sizemore, Benjamin Bratt, Simon Baker, Terence Stamp  
Rated PG-13

Ridiculing terrible movies usually requires using at least some hyperbole: For example, in the *Mission to Mars* review I recall writing that Tim Robbins does not move a single facial muscle throughout the film. Strictly speaking, this is not true: I believe he smirks once. *Red Planet* (second Mars movie of the year, managing the impressive feat of being worse than the first one) does not need any hyperbole to be ridiculed. Every single fact I mention below is taken from the movie without any kind of exaggeration, since this wretched thing, ultimately, ridicules itself much better than I would ever hope to.

This is a kind of film where the entire back story and character development are compressed into an opening voiceover. Captain Bowman, played by Carrie-Ann Moss with at least some charisma, explains: "We've been trying to plant algae on Mars because the Earth is all fouled up and we're flying there to see why this is not working and I'm the captain and this is my first mate who is a jerk and this is ..."

It might be too much to ask for congenit characterization (he entire cast, with two exceptions — one female, one old — looks and sounds exactly the same). It might be too much to ask for any meaning (one character declares, early on, without any reason, "I am going to Mars to look for God," and no mention is made of this further on). It might be too much to ask for anything resembling acting (with the exception of Moss, everyone is in the "give me my paycheck and kill me off" mode). But it would be really nice if "Red Planet" provided anything in the way of the story. As a free service for gentle readers, you can read the entire story of *Red Planet* below.

Start with the spaceship's approach to Mars. Have a romantic subplot that is limited

to one scene, where Bowman, upon exiting the shower, asks Val Kilmer's character (apologies for the lack of the character's name; they all sound the same anyway) to hand her the towel; he responds by staring at her for an extended length of time. After this, it is silently assumed the two are in love.

During Mars landing, a solar flare (solar flare? In Mars orbit?) completely wrecks the spaceship, and sends the landing crew to the planet's surface in a badly crippled pod (why is it that the spaceship can be virtually destroyed by a solar flare, and why does this particular flare happens during a six-minute landing interval of a half-year flight?). As a

result, Bowman is left in the spaceship, which she tries to fix by stripping to her underwear, and the rest of the crew crash-lands on Mars. In the process, one character dies.

This process — an out-of-the-left-field crisis, followed by a death — is repeated five times, for the simple reason that there are five people on Mars' surface (or, rather, four — you know the top-credited actor has to persevere). The deaths are caused by lack of oxygen, Martian insects, one random character suddenly (and without any reason) pushing another off the cliff, and a homicidal robot on the rampage. The last cause is particularly odious: It is not just enough to have a robot on board to help planetary surveys, and it's not enough for it to suddenly go berserk during landing, and it's not enough that this robot, for whatever reason, has a military behavior mode built in — no, it also has to be well versed in kung-fu.

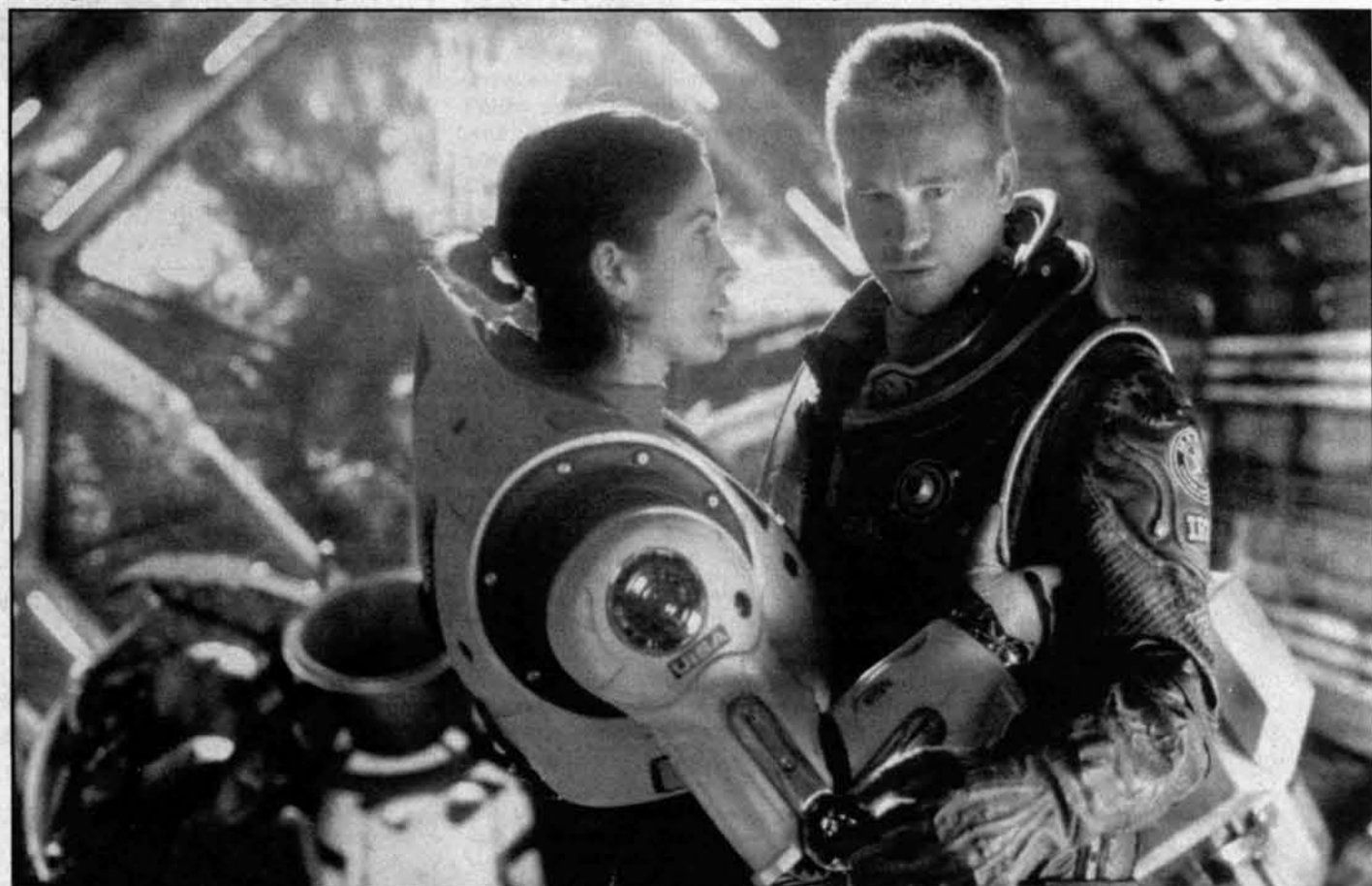
Between the death scenes, the group is wandering the surface of Mars for days, with

no source of food or water that is mentioned, in some of the most excruciatingly boring sequences ever committed to celluloid.

First-time director Antony Hoffman manages to frame a relatively exciting shot all of twice during this two-hour movie, and during the rest, he is content to shoot the action through a thick red filter. Even this is not enough for scenery to look anything like Mars, especially with large cumulus clouds in the sky. In the final confrontation between a man and a robot, the key object that will be used to defeat the evil machine is shown in a tight close-up not once, not twice, but five times.

And that question of what was happening to the algae that was thought to have disappeared from the surface of Mars? Well, it did not disappear; in an, ahem, astonishing mid-movie revelation, the crew finds all that algae, alive and flourishing, in the next valley.

With all the excitement of *Red Planet*, the audience is almost as likely to perish like the movie's characters — by being bored to death.



Carrie-Anne Moss and Val Kilmer star in one of the most odious films ever committed to celluloid.

JASIN BOLAND

## FILMS REVIEW

# The Films of Christian Boustani

## The Great Master of Digital Cinema?

By Jed Horne  
STAFF WRITER

Christian Boustani's promoter, Hisham Bizri of the Center for Advanced Visual Studies at MIT billed him as "the great master of digital cinema" — quite a title. Boustani, a Lebanese native and French citizen, uses cinematography to explore the boundary between painting and movies. He had an opportunity to make his case for Bizri's claim last Thursday in N52-390, and at the Harvard Film Archive on Saturday the 11th.

At the demonstration, Boustani displayed three pieces: the first two installments of his still-to-be-completed trilogy, *Cities From the Past*, and a work commissioned by the Portuguese government entitled *Voyages*.

The first of the *Cities From the Past* trilogy, *Sienna*, was produced in 1992 on a budget of around \$10,000. Boustani superimposed Renaissance frescos over live action to tell the story of Sienna's famous horse races.

Clearly knowledgeable of art history, Boustani used the fact that the early frescos were painted before the invention of perspective to create a surreal landscape, mixing 2-D and 3-D images about as effectively as possible given the technology of the day. Although slightly overdone (the cracks artificially added over the entire sequence comes to mind), Boustani has created some visually interesting parallels between medieval and modern revelers by switching between details of the frescos and the facial expressions of modern race goers.

More involved, more expensive, and more impressive was *Brugge*, the second installment in the trilogy, produced in 1995. *Brugge*, a medieval port in Belgium, is famous for two things: its status during the middle ages as the "Venice of the North" (since then the ocean has receded); and the myth that *Brugge* is where oil painting was developed. Using digital technology to bring the ocean back to *Brugge*, Boustani played off these two themes and, working without a

storyboard, explored the theme of Northern Renaissance art (Bruegel was used extensively) to tell a short fictional narrative about bringing color back to a literally colorless city through painting.

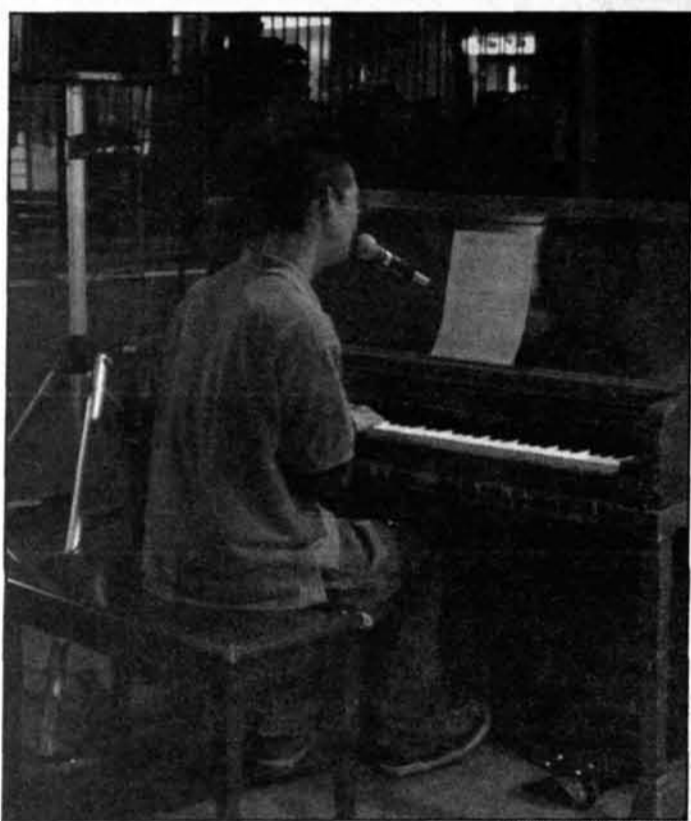
Boustani used over one-thousand layers in some shots, which sometimes cluttered them, but overall created an impressive array of visual themes. Also notable is Boustani's eye for anachronism: the bicycles and motorbikes which glide through the city's bridges during the filming are an interesting side detail.

The final work in the trilogy, *Toledo*, which uses the art work of El Greco and Toledo's history as "the Jerusalem of Europe" (because of the juncture of Christian, Jewish, and Islamic culture that occurred there during the Middle Ages), will examine the interplay between these three cultures and their respective takes on art. Ever the pioneer, Boustani has voiced interest in "interactive cinema," a process where the viewer will decide how he wants to view Toledo and which will change

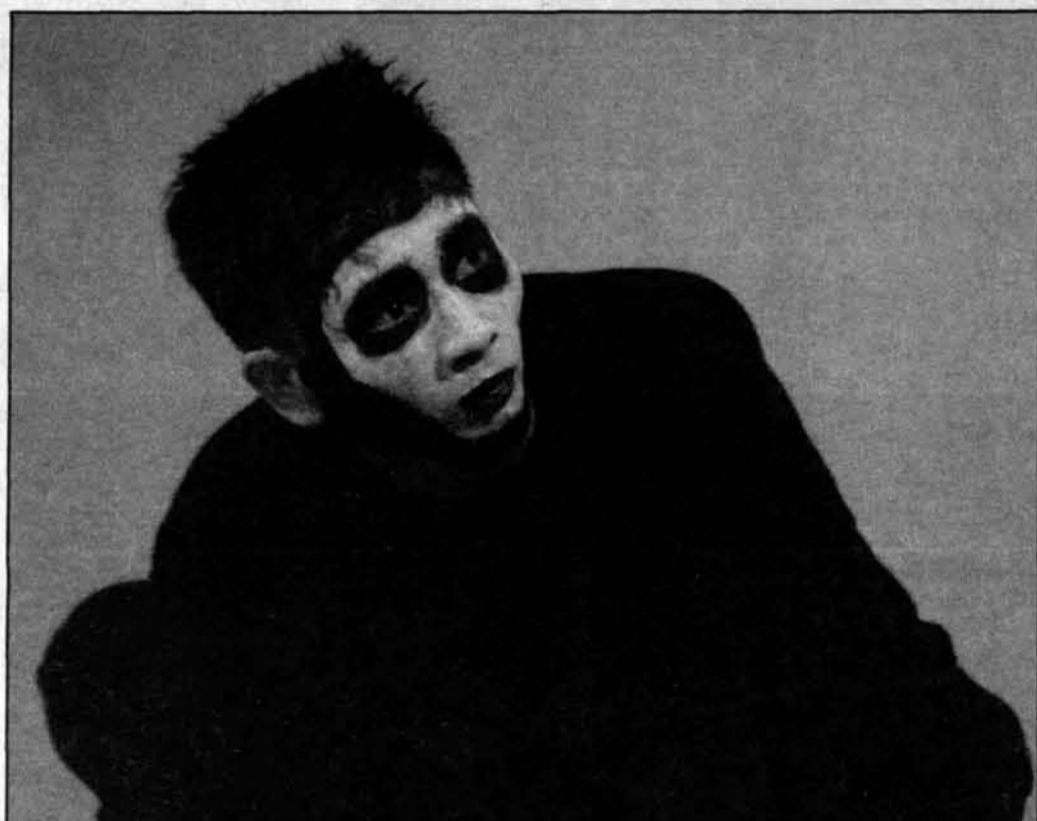
the presentation accordingly.

*The Voyage*, commissioned (and censored) by the Portuguese government, is a study in comparative art history. In telling about the first encounter between the Portuguese explorers and the Japanese natives, it mixes the perspective-less art of the Japanese with the more involved European paintings of the time of Henry the Navigator, and explores the differences in what people perceive as beauty. For example, a dragon is a fearsome creature to the European explorers and almost swallows their boat, but, to the Japanese, it is an object of beauty and is drawn on magnificently rendered kites and flown through the air. Although his other works are politically neutral, a brief reference to the Jesuit priests who were murdered when they tried to convert the natives slipped past the censors.

Despite the inadequacies of the media format (the color distortion of VHS comes immediately to mind), Boustani's work represents an interesting, if somewhat less than groundbreaking, foray into experimental cinema. Effectively incorporating his surreal visual style with an equally unusual musical score, his work is important and entertaining. Does he earn the title "great master of digital cinema"? Probably not. But that doesn't mean Boustani isn't a notable and innovative artist stretching the boundaries of his medium. The only thing he needs is a little humility.



Fred Choi '02 plays the piano during last Tuesday's Open Mic Night in the Coffeehouse. The student performance event was sponsored by the MIT Songwriting Club and the CAC.



David Ngo '02 plays a strange, monkey-like creature during the debut performance of Trio, MIT's newest performing arts group.

### Campus Construction Update

#### DREYFUS CHEMISTRY BUILDING

Interior demolition of the building will cause dust, noise and will require occasional shut downs of utilities inside Building 18. Some noise and dust may occur outside the building as the material is removed. Project completion: August 2003.

#### SIMMONS HALL

Steel piling installation continues causing excessive noise and some vibration to surrounding area. Excavation of soil will cause dust and trucks removing the material may impact traffic. Demolition of the former Cambridge Tire Company continues. The lot will be used as a temporary staging site for construction materials during the next nine months. Project completion: August 2002.

#### STATTA CENTER

Soil excavation may produce a sulfur odor due to organic material in the soil. The organic material is comprised of materials remaining from the wetlands that lay beneath that section of campus before it was filled and built upon. Removal of the guide walls may cause noise and vibration. Truck traffic could cause delays on Vassar and Main Streets. Project completion: Fall 2003.

#### SPORTS AND FITNESS CENTER

The stripping of top soil along with the excavation of temporary utility trenches will cause noise and will affect pedestrian way finding. Project completion: June 2002.

#### AMES AND AMHERST STREETS

Utility relocation work will disrupt both vehicular and pedestrian traffic through the end of the year. The work is part of the Media Lab expansion. Project completion: December 2003.

#### ALBANY STREET GARAGE

As part of the utility expansion, the walkway between buildings 42 and 44 at the railroad crossing connecting Vassar Street to the Albany Garage will be closed to pedestrian traffic through early December.

This information provided by the MIT Department of Facilities:  
[web.mit.edu/facilities/www/construction/](http://web.mit.edu/facilities/www/construction/)

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WHERE? Rogers Building, Rm 8-302  
WHEN? 11/15/00, 7pm

## FILM REVIEW ★

# The Legend of Bagger Vance

## A Tiresome Tale of Two Caddies

By Devdoot Majumdar

STAFF WRITER

Directed by Robert Redford

Screenplay by Jeremy Leven

Based on a novel by Steven Pressfield

Starring Matt Damon, Will Smith, Charlize Theron, Andrea Powell, Jack Lemmon, and J. Michael Moncrief

Rated PG-13

I'm not a golf freak. I'm not a Matt Damon freak. I'm not a Will Smith freak. And so, devoid of any of these qualities, I wholeheartedly hated *The Legend of Bagger Vance*. Aside from featuring two monstrously expensive actors, the movie is little more than an incomplete, ill-devised, boring battery of golf glorification.

I was ready to love it.... I was ready to sit there and enjoy the \$9 I paid to watch a movie that flouted two very accomplished actors. But no matter how much I tried to enjoy it, no matter how much I rationalized the idiotic plot or corny spiritualism, I still hated it. I suppose some novels — no matter how good in print — weren't meant to be turned into movies.

Director Robert Redford and screenwriter Jeremy Leven penned the story as a frame tale, opening with an old Hardy Greaves (Jack

Lemmon) remembering his younger days in Savannah, Georgia, during the Great Depression. The city, hosting an exhibition golf tournament upon the prodding of golf-fanatic Adele Invergordon (Charlize Theron), finds itself in a quandary, as the young Hardy (J. Michael Moncrief) remembers it. Though the golf tournament features Georgia greats, the city leaders were adamant that they needed a native Savannahite.

Enter Randolph Junuh (Matt Damon). That is, if you're still awake, given the menacing conflicts in this thrilling plotline. I assure you, it only gets worse. Junuh, once engaged to Adele and the greatest, most promising golfer in all of Savannah, went to World War II and got severely psychologically damaged, but most important of all he lost his "swing."

One night, as if by pure Mary Poppins magic, a wily, young black gentleman came by while Junuh was playing golf. That was Bagger Vance, and he became Junuh's golf-philosopher/caddy. The rest of the movie could have been called *How Junuh Got His Swing Back*. All the way through the rest of the movie, the inescapable parallels to *Happy Gilmore* resounded through my mind. The white guy who needs to golf. The black guy who decides to be his teacher. They practice a bit, and then the white guy gets women

because of his success.

The difference is this: *Happy Gilmore* was delightful, Bagger Vance was detestable. The worst thing about Bagger Vance is that there was such shallow character development. This ethereal "swing" that Junuh lost is all psychological — it's not about lack of practice or lack of concept — it is simply that Junuh lost his psychological balance or something of the sort. But Junuh's character lacks sufficient depth for the viewer to understand what's going on inside of him. Aside from one confusing flashback, Junuh is alien to the viewer, and the viewer can neither sympathize nor live through the eyes of Junuh.

Damon's portrayal of Junuh — everything from his accent to his facial expressions — is impeccable. The research and time spent in becoming Junuh was well-spent. It is unfortunate that the character itself was written so poorly.

But Bagger's character is no better! He is a god! His presence is a *deus ex machina*, and all of his advice is strangely prophetic to the plot, yet uproariously hackneyed. Things like "the golf course lives and breathes just like us" and centering of the movie on finding Junuh's "authentic swing" were utterly ridiculous. Golf spirituality is drab and corny — as are most sports philosophy.

Playing it up on the silver screen was truly a strategic mistake by Redford. Smith's performance was on par with Damon's, both of them displaying some great on-screen chemistry. And this was not traditional Will Smith — it definitely had the same sarcastic overtones, but it was far more sober, keen, and likeable than the bombastic Fresh Prince we all remember.

Adele, on the other hand, was essentially a very despicable, Machiavellian whore. To add to that, Charlize Theron never really got the Southern accent down, instead sounding like a Hollywood native disguising her voice for a prank call throughout the movie. She was a tad melodramatic, but that of course can be partially attributed to the terrible screenwriting.

Despite Theron's regrettable performance, the audience still hated the hollow character of Adele.

Perhaps the only good point to the movie was the cinematography. It seems to be a skill of Redford to capture a moment on film almost magically. There were several memorably unique point-of-view shots and one from a golf-ball-camera as the ball went soaring. However, sadly but surely, if you're not a Damon, Smith, or golf freak, you're really out of luck with this movie. The plots on *Saved by the Bell* were more inventive than the plot here. And, without giving anything away, the ending was pathetic, leaving me wondering if they somehow messed up in the editing room.

Despite some excellent acting by Damon and Smith, the lack of character development and corny golf spirituality demolished *The Legend of Bagger Vance*.

## FOOD REVIEW

## Essential Vegetarian

### The wonders of sushi

By Katie Jeffreys

FEATURES EDITOR

I took a little break from writing this column, but I am back, better than ever! I have discovered something wonderful in the vegetarian world: Sushi. No, not the raw fish kind, but the vegetarian kind. Even La Verde's offers avocado rolls, which are just bits of avocado rolled up in rice and seaweed.

My impression of sushi is that it is not very easy to make until you really get the hang of it. Being a sushi neophyte, I have yet to attempt to roll or wrap my own. But those I have tried have been definitely a new experience. I have tried both avocado and cucumber rolls (maki). In addition, a vegetarian platter I tried this weekend included many kinds of nigiri, which had rice topped with various vegetables, held together with a strip of toasted seaweed (nori). These included pieces with carrots, pickled plum, mushrooms, avocado, and green pepper.

Dipped in soy sauce in which I had crushed a small bit of wasabi (a green, spicy paste), the sushi was an interesting new take on Asian foods.

I can't remember having sushi before, though I feel I must have since wasabi is familiar. Yet the variety I experienced recently is definitely new. A meal of sushi, in my opinion, is best preceded by a bowl of miso soup with its small chunks of tofu, scallions, and miso flavoring.

Should you choose to make your own sushi, Star Market at University Park has all the supplies you need. In addition, they sell pre-made sushi from near their deli counters.

As for restaurants, I would recommend Ginza for the best atmosphere, but their veggie selection is limited. Also in Chinatown is Apollo. Both are late night favorites which stay open long after the clubs close.

The most important part of vegetarian sushi is arguably the sticky rice. A recipe for such follows at the end of the column

#### Fire and Ice opens new store in Back Bay

Another new twist on an old favorite is the new Back Bay Fire and Ice (205 Berkeley St., Boston). This version of the Harvard Square store is run slightly differently and perhaps better. The concept is the same: walk along their "salad bar" of ingredient choices, pick a sauce to complement the contents of your bowl, then give both to the cooks standing around the enormous grill. However, at the Back Bay Fire and Ice, you need not stand around waiting for your food to cook (though you can if you choose). Because they give you a numbered card, when your food is done cooking, a member of the waitstaff will deliver it to your table. This means that you can enjoy conversations with those you came to dinner with, rather than standing around a grill by yourself.

The quality of the food at both is comparable (quality and quantity), as is the service (generally passable), but the wait at the Back Bay Fire and Ice is considerably less (perhaps because it has not been "discovered" yet). The decor in Boston seems much more dim than Cambridge. It was difficult to read the menu because it was so dark.

As always, feel free to e-mail me at <veggie@the-tech.mit.edu>.

#### Sushi Rice

Medium-grained white rice  
Water  
Rice vinegar  
Sugar  
Salt  
Glass or wooden bowl

Sushi rice is relatively easy to make. Some brands label their rice as being "sushi rice" However, if you cannot find a brand of rice labeled as such then any short or medium-grained white rice will do. Simply prepare the rice according to the instructions, usually one -and-a-half parts water to, one-part rice with a simmer time of twenty minutes.

After your rice is cooked, put it into the bowl and lightly flatten it. Next pour one tablespoon of the vinegar, one tablespoon sugar, and a dash of salt into a small bowl and mix until salt and sugar dissolves. You may heat these ingredients slightly to help homogenize the mixture.

Drizzle vinegar mixture onto the rice and mix it by cutting into rice with wooden spoon, slowly flipping the rice as if you were cutting dough until it becomes sticky. Fanning as you mix the rice helps to evaporate the moisture, giving the rice a nice glossy texture. Cover the bowl with a damp towel and allow it to reach room temperature before use.

## BOOK REVIEW

## Pobby and Dingan

### In Search of the Invisible Friends

By Jane Maduram

STAFF WRITER

Written by Ben Rice

Published by Alfred A. Knopf

\$16.00

By first-time author Ben Rice, *Pobby and Dingan*, is a "bewdy" of a book. Set in the opal mines of Australia, it discusses the politics of the adult and child worlds with an unusual clarity of thought. The story centers on the simple premise that Dingan and Pobby, the invisible friends of Kellyanne Williamson, are exactly that — real but invisible friends.

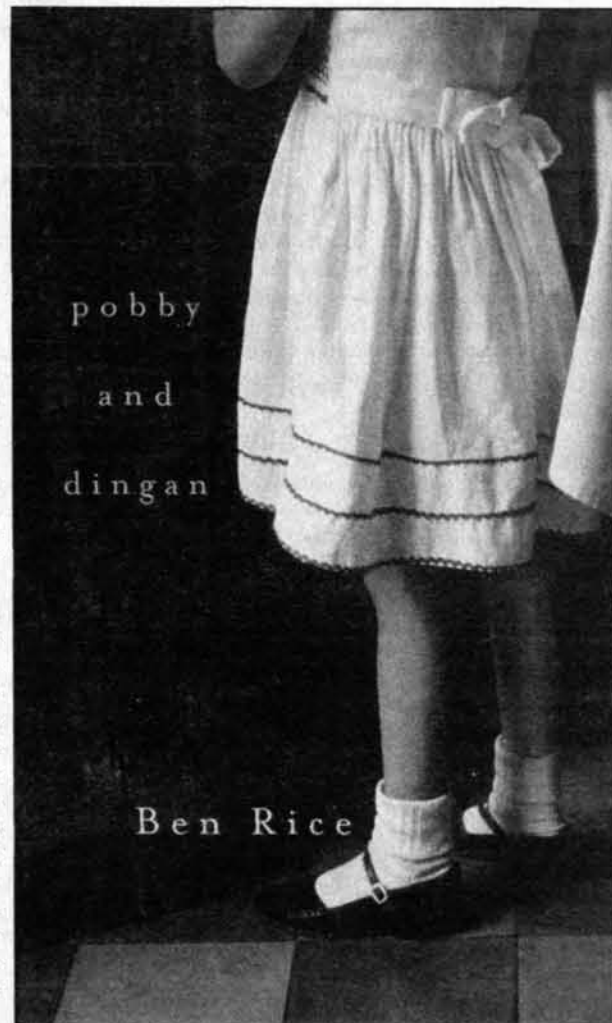
Ashmol, Kellyanne's brother, narrates the book with a skeptic's eye, convinced at first that his sister is a "fruit-loop." But when Ashmol's dad, Rex, accidentally leaves Pobby and Dingan on the mining claim after work, Kellyanne makes the family go back to the claim to find her friends. And it is during this search that Rex is fingered as a "ratter" and is accused of trying to steal a neighbor's opals. That night, "my sister looked at me all pale and fuzzy-faced and said: 'Ashmol, Pobby and Dingan are maybe-dead.' And she just sat there in her pyjamas all nervous and hurt. But I was half thinking of Dad and if he was in prison and how the whole thing was Pobby and Dingan's fault. And then I tried to get my head round how it could be their fault if they didn't even exist. And I fell asleep thinking about that." When Kellyanne becomes sick, convinced that her friends are dead, Ashmol initiates a town-wide search for Pobby and Dingan.

Through the book, Ben Rice plays with the parallel plots of Rex's struggle to be believed and the search for Kellyanne's invisible friends. Kellyanne's seemingly trivial predicament becomes more and more important as she begins wasting away. In a funny twist, Rice details the people who come to claim the reward for finding two imaginary creatures, trying to prove the existence of something they don't believe in. At the end, though, no one is able to find the two friends, and Ashmol must suspend his disbelief and find Pobby and Dingan if he wants to save his sister.

It is this search that is the crux of the book. Its counterpoint is Rex's ostracization from the society, due in part to the fact that the accusation of digging in a neighbor's territory cannot be easily denied by the truth — that Rex was searching for his child's invisible friends. The family problems are augmented by the mother's remembrance of her easy life in the past and her frustration with Rex's inability to find opals. Her side of the problem, however, is sadly underplayed and thus misses the emotional heft of Rex's and Kellyanne's problems.

Overall, this book is written very well. Rice adopts a rich, metaphor-laden style when describing people, terrain, and circumstances, and his observations are both accurate and charming. Sentences are filled with slang that walks a thin line between reality and excessiveness; while the diction is believable for the most part, it occasionally becomes tiresome.

Similarly, clichés occasionally break into the text and disrupt the flow of the text. Aside from these minor problems, though, this is a wonderful first book.



## FILM REVIEW ★★½

*Little Nicky**Sandler as Satan's Child*

By Erik Blankinship

STAFF WRITER

Directed by Steven Brill

Written by Steven Brill, Adam Sandler, and Tim Herlihy

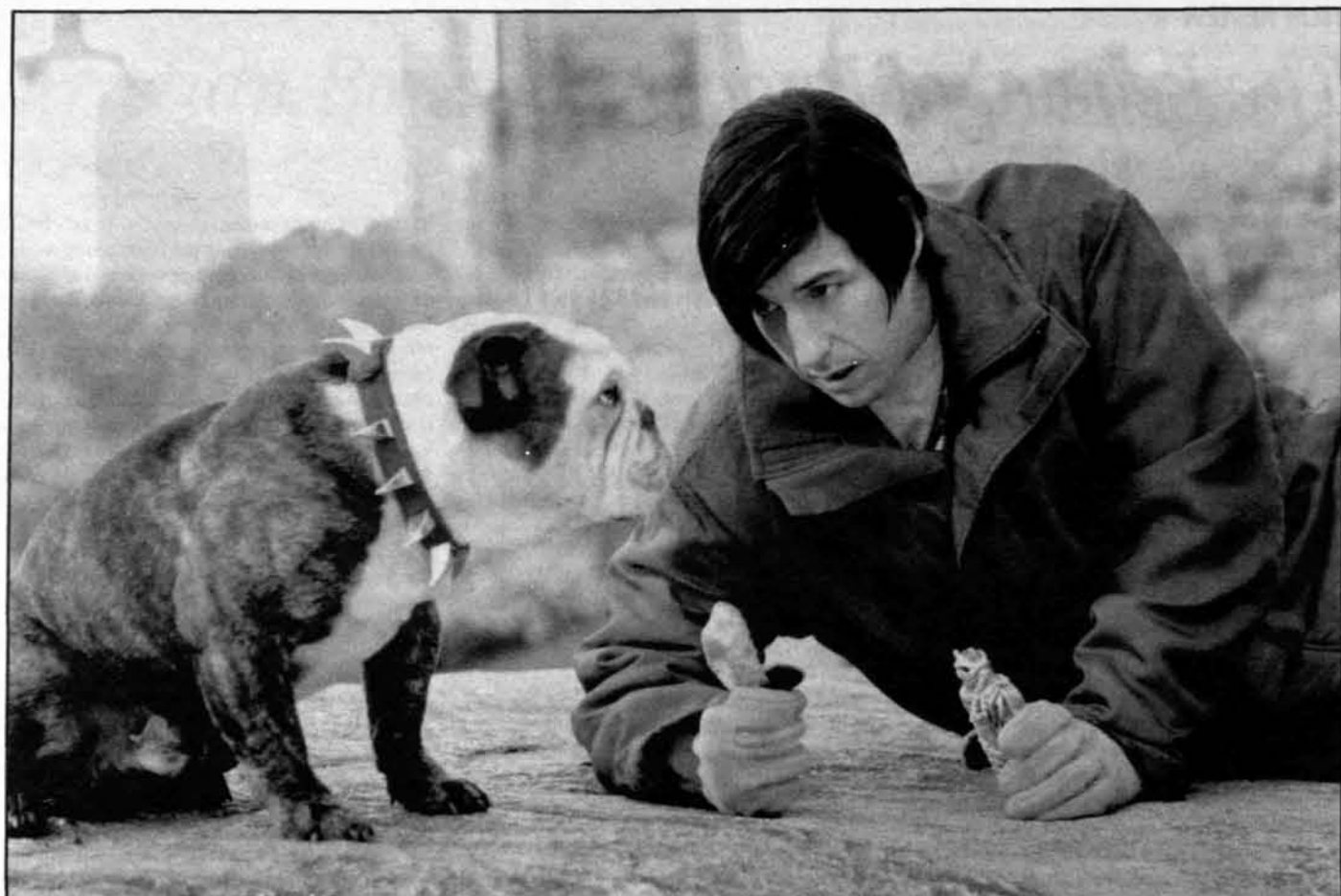
Starring Adam Sandler, Harvey Keitel, Patricia Arquette, Rhys Ifans, Tom Lister Jr., Kevin Nealon, Jon Lovitz, Allen Covert, and Ozzy Osbourne

Rated PG-13

Adam Sandler's skits on *Saturday Night Live* provided him ample opportunity to endear himself to his audience. His songs carried his amicable personality onto radio stations, where "The Thanksgiving Song" is now played every year, a holiday staple we expect to hear just like "Grandma Got Run Over by a Reindeer." Sandler's funny and innocent singing schtick would have run its course were it not for his studio releases on CD.

With skits like "Everybody's Going to Laugh at You," "The Goat," and "The Severe Beating of a High School Spanish Teacher," Sandler found his way into the hearts and dirty minds of students (myself included). Almost never failing to please, except when he brought in talentless SNL peers, Sandler secured himself a place in the upper echelons of "laugh until you cry and snort your beverage through your nose" humor.

It has then been a depressing trip through his film career since his initial foray on the small screen. Knowing what he is capable of, we are aware that Sandler is always holding back in his films, never leveling into the audience with full comic barrages. Instead, Sandler traps himself in formulaic narrative templates, or even worse he stars in sound-

Talking pooch Beefy and Adam Sandler talk about Hell n' stuff in *Little Nicky*.

MYLES ARONOWITZ

track vehicles like *The Wedding Singer*. There have been few occasional moments of greatness, such as his musical number in *Billy Madison*, which break the mold and allow us to revel in his absurdity for minutes on end.

Despite its demonic premise, *Little Nicky* is yet another uninspiring film in Sandler's film career. Even with the potential the pitch "hell on earth" promises, Sandler never has an

extended scene wherein he can develop his character enough to deliver any belly laughs. Instead, the film diverts our attention with countless cameos from film stars and SNL would-have-beens and gives a starring role to a talking dog. This is all well and good, but I came to see Adam Sandler! Sandler doesn't stay in one frame for more than half a minute — and never has an opportunity to really excel. Instead, *Little Nicky* lapses into shoddy

sentimentality with Sandler pursuing a love interest which never rings true. It almost seems unfortunate for the film to have a plot since it ties Sandler back.

Some funny Sandler motifs return in this movie, including a man in a giant animal costume with lascivious intent. And making an appearance is Reese Witherspoon as a valley girl angel, entrusting *Little Nicky* with such truisms as "God is really, really smart."

## INTERVIEW

## Shattered Alliances

*MIT Student Writes of Mystery and Suspense*

By Jacob Beniflah

STAFF WRITER

Written by Danny Fein '02

Available at <<http://www.iuniverse.com>>

\$21.95

For many MIT students, high school was a breeze. For Danny Fein '02, though, it got so boring at times that he decided to write his own novel, *Shattered Alliances*.

*Shattered Alliances* is a 456 page mystery-suspense thriller set in a small, close-knit Vermont town. It begins with a botched attempt to assassinate Rachel Gates, a local citizen who knows too much of drug lord José Tahs's activities. Andrew Brown, an FBI agent, has been on a lifelong quest to stop Tahs. His search for Tahs leads him into a world full of deceit, drugs, and deception. It's a world, as Fein says, "where your best friend may very well may be your worst enemy."

Fein, a junior bio major from Monsey, NY, began writing his recently-published novel while in a class in high school. Having just read Steven King's *The Regulators*, he decided to write a suspense thriller himself.

"I wanted to see if I could make up my own community of characters based on people I know, put them in a specific setting, and see how they react," Fein said.

Slowly, Fein made progress with the novel, completing it freshman year while in Israel during IAP. Fein said that his first year on grades last year made the editing process slow. He picked up working on plot holes and editing a year later with the help of his roommate and even his mother.

Determined to submit his novel by the beginning of his junior year, even the MCATs this summer could not stop Fein from finishing the thriller. Fein said he draws inspiration for the book from various places including the news, random events, and his own imagination.

The characters in the novel are based on Fein's high school friends. As the novel develops, however, the similarity to real people diminishes.

Fein based the main character on himself.

"Andrew and I are alike in determination, faith, and his relationship to characters," Fein said.

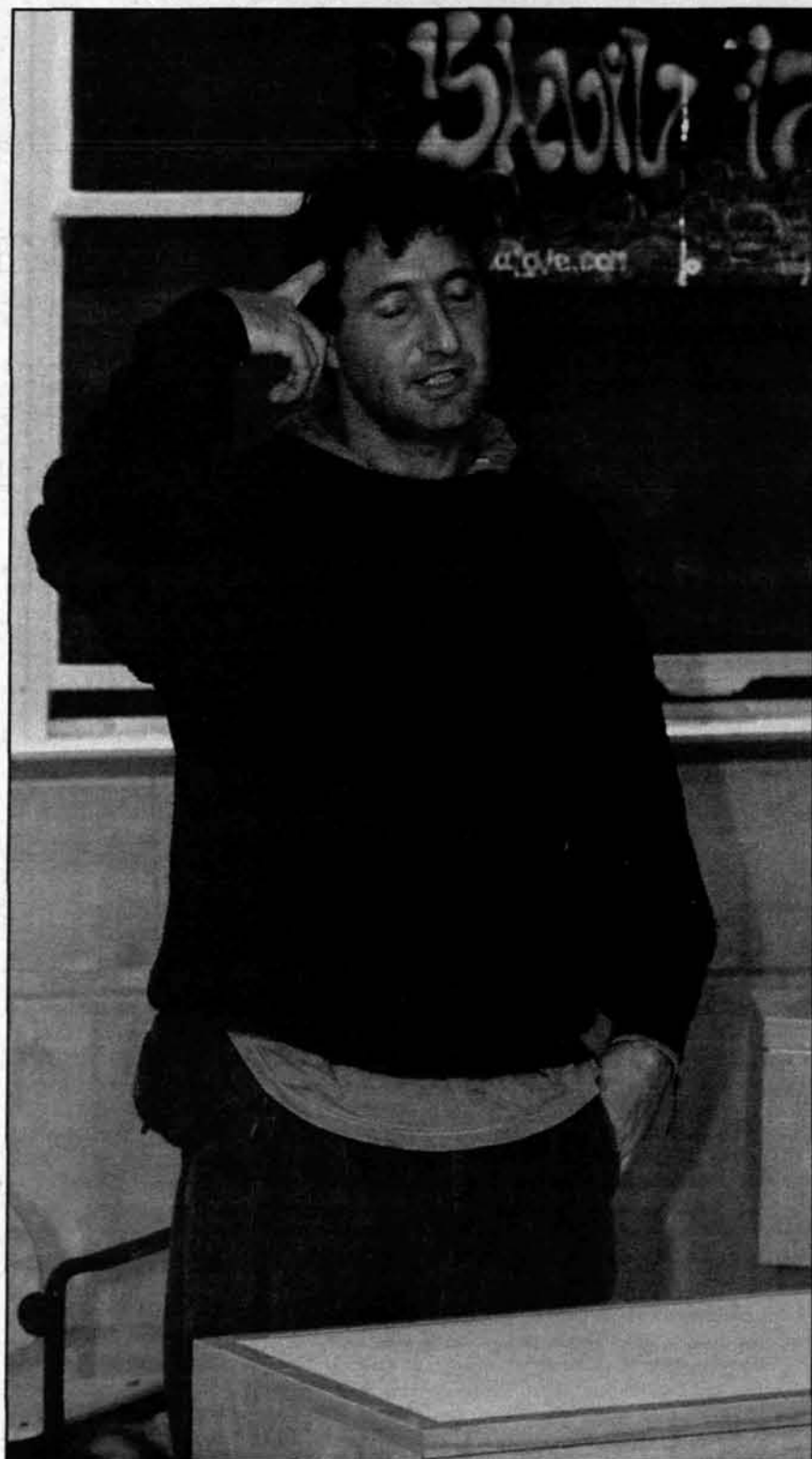
Progress picked up this summer while Fein, bored once again at work, researched iuniverse.com, a service that publishes novels by independent authors. Through a service offered by the web site, a writer can submit a book to be reviewed by a board of authors, reporters, and editors from *Writer's Digest Magazine*. In September, he received word his book had been approved and was to be published.

The book is available for purchase now through <<http://www.iuniverse.com>> and will soon be available on the Barnes & Noble web site and at Amazon.com. Fein hopes to sell his book through the MIT Coop and the Boston University Barnes & Noble. Also, the book is posted on a database of books that any bookstore can purchase from.

There are also plans for a possible screenplay. When Fein submitted the book, iuniverse.com noted that it was adaptable to a screenplay. Fein said that though he doesn't know how to write a screenplay yet, he would not rule out doing it in the future.

"I want to read a few screenplays first before I think about doing anything," Fein said. "Particularly, I would like to read Steven King's *Storm of the Century*."

Fein has no intentions of stopping writing any time soon. He is in the process of writing a sequel to *Shattered Alliances*, which he hopes to complete possibly as early as this summer. The sequel involves two plot lines, one following a sniper and the other a survivor. Characters in the sequel are to be based on Fein's college friends, many of whom are in his fraternity. He already has an outline for an environmental biotech thriller that he plans to finish sometime during his medical school years.



KRZYSZTOF GAJOS—THE TECH

Israeli film director Gur Bentvitch explains what makes a cult film in a talk after the screening of his "Planet Blue" last Friday. The screening was hosted by the International Film Club at MIT.



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## Down with Science

by Jennifer DiMase



## the crass rat



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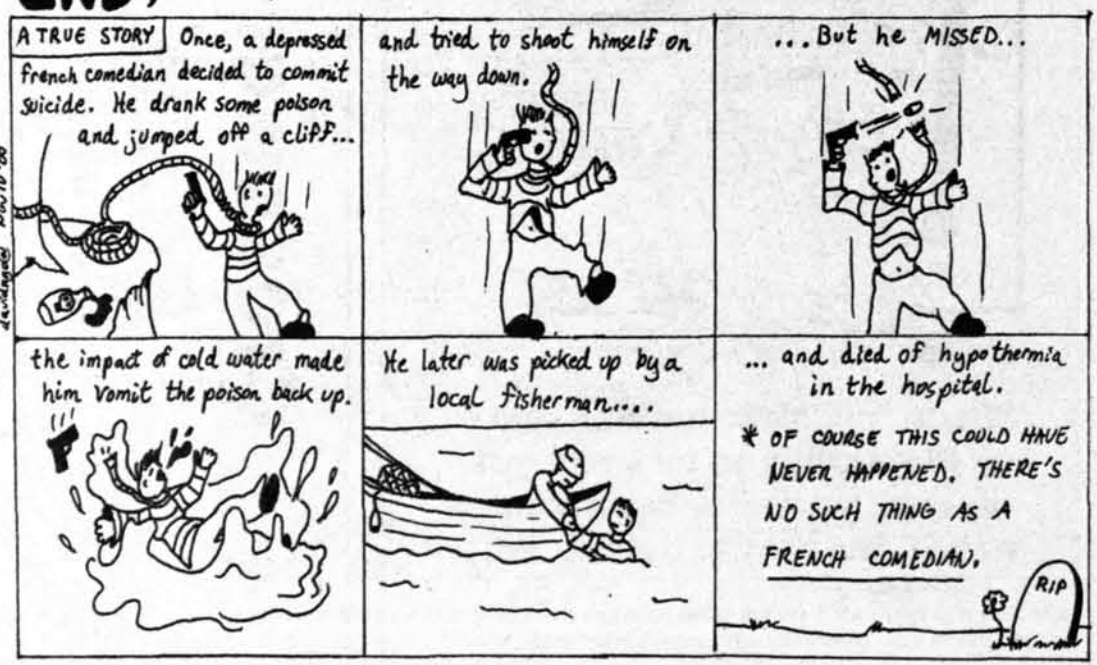
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## END; BY DAVID



By Guan-Jong (John) Chen  
**Tech Life**



**MIT 34** by ToastyKen "Default Assumptions"



**Fun With Clip Art**  
Aaron Isaksen

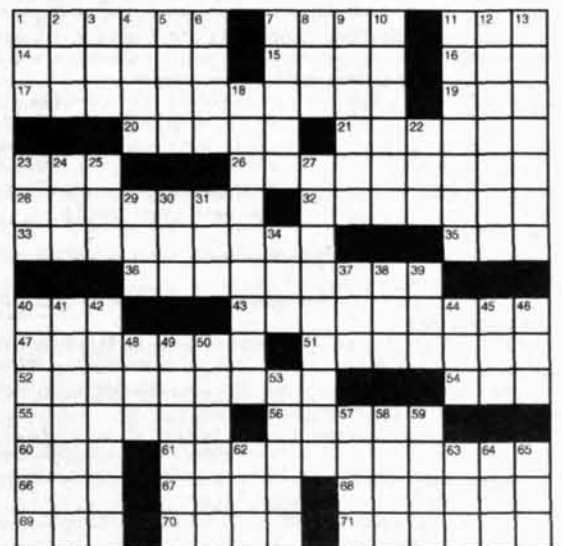


"Dude, my older brother sold my Playstation so he could get enough money to buy some weed. But that's cool cuz I'm f--kin' his girlfriend on the sly."

**Crossword Puzzle**

Solution, back page

- ACROSS  
1 Freebooter  
7 Coin toss  
11 10 of calendars  
14 Ex-QB Esiason  
15 Burt's ex  
16 Prohibit  
17 Dunkings  
19 Pint drink  
20 Actor Davis  
21 In conflict  
23 Mil. rank  
26 Pleases  
28 Pittsburgh player  
32 State support  
33 Switch back and forth  
35 Holds  
36 Fences and walls, e.g.  
40 Today's LPs  
43 Moving  
47 Input data again  
51 Mark of homers  
52 Comply without protest  
54 Tent stake  
55 Twofold  
56 "Seascape" playwright  
60 Potash  
61 Marie's brother  
66 Cave-dwelling fish  
67 End of a switch?  
68 Reverse dive  
69 Deg. with teeth  
70 Stitched  
71 Something beyond doubt



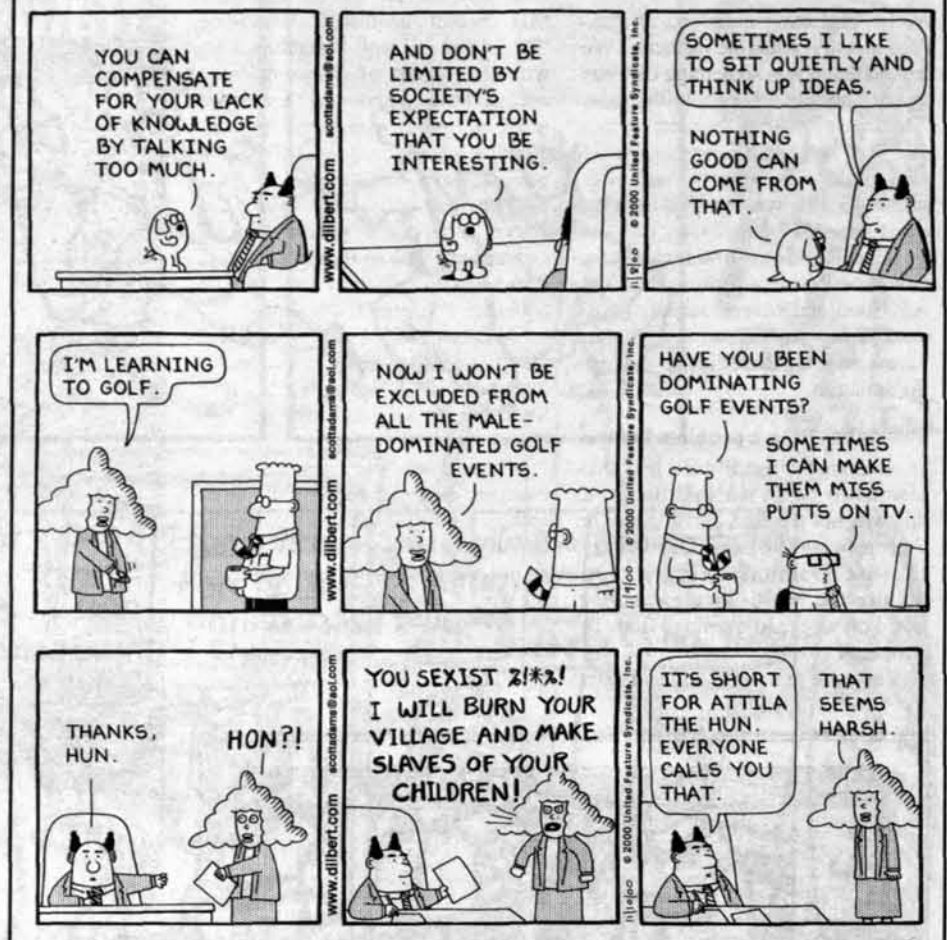
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- DOWN  
1 Network of "Nova"  
2 Debt letters  
3 Reiner or Lowe  
4 Bullets, briefly  
5 Golf shop purchase  
6 Makes mistakes  
7 Pamphlet  
8 Old card game  
9 Existing naturally  
10 Female part of a flower  
11 Shortest book of the Old Testament  
12 Volcanic crater  
13 Locks and shocks  
18 Flag-wavers, of a sort  
22 \_\_\_ and running  
23 Tubs in Bath  
24 Become a jelly  
25 Lethal letters  
27 Profoundly  
29 Whiz lead-in  
30 Vase with a base  
31 Abbr. for a business  
34 Cruise in Hollywood  
37 And so forth: abbr.  
38 Put in the fix  
39 Scatter seed  
40 Held in one's arms  
41 Lured  
42 Follow-up films  
44 Puppy bite  
45 Exist  
46 Part of a tour  
48 Crux  
49 Spanish accents  
50 Friend of Pooh  
53 Secular law  
57 Fens  
58 Jacob's twin  
59 Eastern ruler  
62 At present  
63 Indefinite pronoun  
64 Bottom-line figure  
65 Arid

## FoxTrot by Bill Amend



## Dilbert® by Scott Adams



# TechCalendar

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Tuesday, November 14

12:00 p.m. - 1:00 p.m. - **Molecules in a Bose-Einstein Condensate**. free. Room: Marlborough 37-252. Sponsor: Research Lab of Electronics, Spectroscopy Laboratory, Rowland Institute for Science.

12:00 p.m. - 1:00 p.m. - **Telephone and Voice Mail Quick Start**. If you are new to MIT or want to learn more about the features on your telephone and voice mail, this class is just what you need. Instructors will explain features which will help you get the most out of these useful tools and talk about the most common problems and where to go for help. Attendees will learn what features are available on different phones and classes of service. You will also be able to try features on telephones in the classroom. free. Room: E19-732. Sponsor: Information Systems.

12:00 p.m. - 12:50 p.m. - **How to Study for 8.01, 18.01, etc..** Learn from experienced MIT students how to study for the Science Core Subjects. free. Room: 66-168. Sponsor: Academic Resource Center.

12:00 p.m. - 2:00 p.m. - **Mathematics at Ur in the Old Babylonian Period**. Dibner Institute Luncheon Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.

12:00 p.m. - 1:00 p.m. - **Eudora Quick Start**. This session shows how to configure Eudora, create messages and address lists, send and receive attachments, and sort incoming e-mail. free. Room: N42 Demo Center. Sponsor: Information Systems.

4:00 p.m. - 5:00 p.m. - **Organic Transistors, Circuits, and Injection Lasers**. MTL VLSI Seminar Series. free. Room: 34-101 (Refreshments at 3:30). Sponsor: MTL VLSI Seminar.

4:00 p.m. - 5:00 p.m. - **LIDS Colloquium**. Abstract:TBA. free. Room: Laboratory for Information and Decision Systems, room 35-225. Sponsor: LIDS Colloquium.

4:00 p.m. - 5:00 p.m. - **Neurotransmitters and Psychoactive Drugs**. free. Room: E25-202. Sponsor: Wurtman Lab.

4:00 p.m. - 5:00 p.m. - **Wavelet Analysis of Spectral Data**. Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Statistics Seminar, Department of Mathematics.

4:15 p.m. - 5:30 p.m. - **Gas Turbine Laboratory Seminar Series**. Jet Engine Component Development Process. free. Room: 31-161. Sponsor: Gas Turbine Laboratory.

4:30 p.m. - **"Inter-Regional Links Between India and the Gulf, ca. 1900-1939"**. free. Room: E38-615. Sponsor: Center for International Studies.

4:30 p.m. - 6:30 p.m. - **"Persian Mirrors: The Elusive Face of Contemporary Iran"**. free. Room: E51-095. Sponsor: Center for International Studies.

4:30 p.m. - **Lecture 6: "Bott periodicity for C\*-algebra K-theory, continued."** free. Room: Room 4-231 at M.I.T.. Sponsor: Harvard-MIT Mathematical Physics Seminar, MIT Department of Mathematics.

7:00 p.m. - 9:00 p.m. - **CONSULTING 101 PANEL**. Come to get a better feel of consulting, have all your questions answered and meet the recruiters from AMS, Bain, McKinsey, Sapient, ZEFER. Dinner will be served! free. Room: 4-231. Sponsor: Sloan Undergraduate Management Association.

8:00 p.m. - **LSC Presents The Filth and the Fury (FREE)**. The Sex Pistols were the face of punk rock in 1977, and though they were short-lived, breaking up in 1978, their influence is still audible. This documentary combines archive footage with contemporary interviews with the group's survivors. A FREE Film Event. Room: MIT Room 26-100. Sponsor: LSC.

Wednesday, November 15

11:00 a.m. - 12:00 p.m. - **Advanced Tokamak Physics in DIII-D**. free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.

11:00 a.m. - 12:00 p.m. - **Highly Nonlinear Glasses for Ultrafast All-Optical Processing**. free. Room: 34-101B, Grier Room. Sponsor: Optics.

11:45 a.m. - 1:30 p.m. - **Monthly Meeting, Working Group on Support Staff Issues**. Our monthly gathering as a full group of support staff and interested administrative, working through issues of importance to make MIT a better place to work! This month's presentation: Creative Thinking Skills.. free. Room: Rm. 10-105, The Bush Room. Sponsor: Working Group on Support Staff Issues.

12:00 p.m. - 1:00 p.m. - **Artists Behind the Desk Concert: Carla Chrisfield, voice and piano recital**. Musical series featuring (both solo and group) vocalists, pianists, strings, woodwinds, brass, percussion etc. Ms. Chrisfield is staff assistant with MIT's Dibner Institute.. free. Room: Killian Hall. Sponsor: Artists Behind the Desk, a task group of the Working Group on Support Staff Issues.

12:00 p.m. - 1:30 p.m. - **British Perspective on Trans-Atlantic/European Security**. free. Room: E38-615. Sponsor: Security Studies Program.

12:00 p.m. - 1:00 p.m. - **Web at MIT Quick Start**. Learn how to explore the Web using Netscape, and get an introduction to the Web at MIT. free. Room: N42 Demo Center. Sponsor: Information Systems.

12:10 p.m. - **GABLES Lunch with a Woman's Focus**. The lunch is an opportunity for gay, lesbian, bi-sexual, and transgendered MIT staff and faculty to gather in a social environment to meet and greet one another. It is also a venue for us to talk about issues of interest to the MIT and the larger gbt community. Our colleagues and friends from the wider community are invited to join us.. Room: TBA. Sponsor: GABLES.

12:10 p.m. - 1:10 p.m. - **Physical Oceanography Sack Lunch Seminar**. Influence of Mesoscale Eddies on Biogeochemical Cycling in the Open Ocean. Dennis McGillicuddy, WHOI. free. Room: 54-915. Sponsor: Physical Oceanography.

3:00 p.m. - 4:30 p.m. - **Weekly Practice Session for Oral Presentations**. Practice oral presentations and get professional feedback from Dr. Steven Strang, director of MIT's Writing and Communication Center.. free. Room: 14N-325. Sponsor: Writing and Communication Center.

3:00 p.m. - 5:00 p.m. - **spouses&partners@mit - Scrapbooking Demonstration**. spouses&partners member Kristine Dryer will teach us how to safely and creatively display your family photographs and memories with fun scrapbooking techniques. This presentation will discuss basic concepts such as preservation issues and needed materials, and using our hands-on example, we will put our knowledge to work to create a page ready for your photographs. \$1 per person. Please bring a pair of scissors. Childcare provided. \$1 per person. Room: W20-400. Sponsor: spouses&partners@mit, MIT Medical.

3:30 p.m. - 5:00 p.m. - **Faculty Meeting**. Meeting of the MIT Faculty. free. Room: 10-250. Sponsor: Faculty

TechCalendar appears in each issue of *The Tech* and features events for members of the MIT community. *The Tech* makes no guarantees as to the accuracy of this information, and *The Tech* shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the TechCalendar web page.

Chair. 4:00 p.m. - 4:50 p.m. - **How to Study for 8.01, 18.01, etc..** Learn from experienced MIT students how to study for the Science Core Subjects. free. Room: 3-343. Sponsor: Academic Resource Center.

4:00 p.m. - 5:00 p.m. - **Large-Scale Calculation of Eigenvalues and Pseudospectra**. free. Room: MIT Room 4-237. Sponsor: Singapore-MIT Alliance/HPCES.

4:00 p.m. - 5:00 p.m. - **Nanostructures Seminar Series**. "Making our Mark: From Patterning with Enzymes to Molecularely-Imprinted Surfaces". free. Room: 36-156. Refreshments served at 3:30 pm.. Sponsor: Nanostructures Laboratory.

4:00 p.m. - 5:00 p.m. - **Nanostructures Seminar Series**. Micro- and nanoscale electronic devices for biomolecular recognition". free. Room: 34-101. Refreshments served at 3:30 pm.. Sponsor: Nanostructures Laboratory.

5:00 p.m. - **Wrestling vs. Roger Williams/ Naval Academy Prep..** free. Room: Wrestling Room. Sponsor: Department of Athletics.

6:30 p.m. - 7:15 p.m. - **MITGard Weekly Meeting**. free. Room: Student Center, PDR#3. Sponsor: Society for Creative Anachronism.

7:00 p.m. - 9:00 p.m. - **TRADING GAME**. Compete against fellow students in an simulated trading game in the Sloan Trading Lab. Prizes will include free trips to New York to visit actual Trading Floors. free. Room: E51-325. Sponsor: Sloan Undergraduate Management Association.

7:30 p.m. - **Men's Ice Hockey vs. Central Connecticut State**. free. Room: Johnson Rink. Sponsor: Department of Athletics.

8:00 p.m. - 10:00 p.m. - **International Film Club Film Seminar**. Consult our web page for this weeks title: <http://web.mit.edu/ifilm/www>. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.

Thursday, November 16

12:00 p.m. - 1:00 p.m. - **Web Pub User Group**. The purpose of the Web Pub User Group is to provide a forum for information and support about web publishing at MIT. free. Room: N42 Demo Center. Sponsor: Information Systems.

12:00 p.m. - **Noon Chapel Concert. Sa-ku-ra: Takae Ohnishi, harpsichord and Ritsu Kotake, violin.** Bachis Sonatas for Violin and harpsichord Nos. 1-3. free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section.

12:00 p.m. - **Molecular Studies of Ion Channel Structure and Function; Synaptic Transmission and Plasticity in the mammalian brain**. Prof. Steven A. Siegelbaum of Columbia University, shares his current research. Title of lecture above will be updated when available. More information on Prof. Markus can be found at <http://cpmcnet.columbia.edu/dept/gsas/pharm/siebio.htm> Hosted by Prof. Guosong Liu.. free. Room: E25-117. Sponsor: Center for Learning and Memory.

12:00 p.m. - **Noon Chapel Concert. Sa-ku-ra: Takae Ohnishi, harpsichord and Ritsu Kotake, violin.** Bachis Sonatas for Violin and harpsichord Nos. 1-3. free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section. @Event-Entry:12:00 p.m. - 1:00 p.m. - **Web Pub User Group**. The purpose of the Web Pub User Group is to provide a forum for information and support about web publishing at MIT. free. Room: N42 Demo Center. Sponsor: Information Systems. @Event-Entry:4:15 p.m. - 5:15 p.m. - **FLAWS, SPRAYS AND FLAMES; WHY DO WE NEED LASERS TO UNDERSTAND THEM?** Refreshments at 4:00pm. free. Room: 31-161. Sponsor: Sloan Automotive and Reacting Gas Dynamics Labs. @Event-Entry:4:15 p.m. - 5:15 p.m. - **Efficient Algorithms for Universal Portfolios**. ORC Fall Seminar Series. Seminar followed by refreshments in E40-106.. free. Room: E51-361. Sponsor: Operations Research Center. @Event-Entry:4:30 p.m. - 6:00 p.m. - **"New Worlds for Old: From Mesopotamia to Mesoamerica"**. free. Room: 14N-304. Sponsor: History Office. School of Humanities, Arts, and Social Sciences (SHASS). @Event-Entry:5:00 p.m. - 7:00 p.m. - **Opening Reception: Dora Hsiung: Fiber Constructions..** Series of constructions in fiber that involves horizontal and vertical wrapping and winding of all wool English rug yarn. Her complex multi-layering of the yarn results in a richly textured three-dimensional geometric effect which is reinforced by the use of radiant color gradations. free. Room: The Deans Gallery, Rm E52-466. Sponsor: The Deans Gallery, Sloan School of Management. @Event-Entry:5:00 p.m. - **Thanatomimetic Performance: Playing Dead on the Streets of L.A.** Performance by C. Ondine Chavoya, art historian, writer and curator who lives and works in New England but calls Los Angeles "home." He teaches courses on contemporary art and critical theory at RISD and previously taught at the School of the Museum of Fine Arts, the Department of Film and Television at UCLA and the Media Arts program at University of NM.. free. Room: Rm 3-133. Sponsor: History Theory Criticism Forum, Department of Architecture.

6:00 p.m. - 8:00 p.m. - **The Robot in the Garden: Nature, Knowledge, and Reality on the Internet. The Robot in the Garden: Nature, Knowledge, and Reality on the Internet.** "Nature" is widely regarded as the antithesis of technologies such as railroads and the Information Superhighway. Yet these, as well as the telescope, telephone, and webcam, were developed to help us reach and better "know" Nature. We have an increasing appetite for reality-based television and tele-robots that allow us to participate in the action. But as our reach is extended, we're increasingly vulnerable to error, deception, and forgery. What is the status of nature, knowledge and reality on the Internet? The Robot in the Garden: Telorobotics and Telepistemology in the Age of the Internet is an anthology of 16 essays from artists, philosophers, engineers, and critics, published by MIT Press in summer 2000. free. Room: MIT 34-101, 50 Vassar Street, Cambridge. Sponsor: authors@mit, The MIT Press Bookstore.

7:30 p.m. - **The Birth, Development, and Future of Third Stream Music**. Panel Discussion with Gunther Schuller, Ran Blake, and MIT Lecturer Mark Harvey. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section. @Event-Entry:8:00 p.m. - **The Sorcerer**. Gilbert and Sullivan operetta.. \$9, \$7 MIT affiliates & senior citizens, \$5 students. Room: Sala de Puerto Rico. Sponsor: Gilbert and Sullivan Players, MIT. @Event-Entry:8:00 p.m. - **Student-Written One-Act Plays**. Dramashop presentation of original student-written and directed plays.. free. Room: Kresge Little Theater. Sponsor: Dramashop. @Event-Entry: - **Opening Reception: Dora Hsiung: Fiber Constructions**. Series of constructions in fiber that involves horizontal and vertical wrapping and winding of all wool English rug yarn. Her complex multi-layering of the yarn results in a richly textured three-dimensional geometric effect which is reinforced by the use of radiant color gradations. free. Sponsor: The Deans Gallery, Sloan School of Management.

# CLC Had Required Bar to Have Guard

Shooting, from Page 1

Millis, and other members of Random met to discuss the incident. "We agreed that it was something that was not acceptable," Davis-Millis said. The consensus from the meeting was that MIT had to do something to act on behalf of residents, she said, although she was uncertain what exact steps MIT should take.

The Random housemasters, Graduate Resident Tutors, Resident Advisors, and several students will meet today with Dean for Student Life Larry G. Benedict to discuss the situation.

## Saloon has been a problem before

Although Driscoll said that this seemed to be an isolated incident, this was not the first disturbance. In December 1996, the Cambridge License Commission voted to require the bar to hire a security guard on weekend evenings from 11 p.m. until closing.

This vote came after an incident in

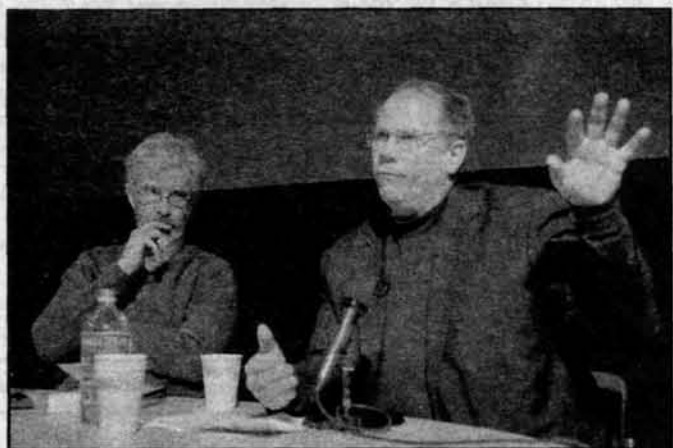
October 1996 in which several men who were leaving the bar assaulted MIT student Jonathan R. Blandford '98. In that incident, Blandford, who was a resident of Random, was returning to his dorm on roller blades with his girlfriend when he was pushed aside and assaulted by patrons, Davis-Millis said.

The commission also required the saloon to provide a "contact person" to Random Hall so that residents of Random can call the establishment with their concerns at any time.

Random Hall residents said that they have never seen extra doorman outside the saloon on Friday and Saturday nights, although the bar claims that it has complied.

These days, "there generally is a bouncer or doorman on the weekends, Cain said. "He checks IDs but as far as we can tell, he doesn't do anything to stop fights outside the bar," Cain said.

The manager for the Cambridgeport Saloon was not available for comment.



SAMUDRA VIJAY—THE TECH

**"RICH MEDIA, POOR DEMOCRACY"** — Author Robert McChesney (right) talked about his new book, voicing his concerns over increasing agglomeration in the media and its potential impact on democracy. The talk was organized by the Technology and Culture Forum at MIT, hosted by Christopher Lydon (left).

MIT  
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Ms. Elaine Sciolino  
New York Times  
Washington Bureau

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a lecture and panel  
discussion featuring:

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Ken Goldberg, UC Berkeley  
Leo Marx, STS, MIT  
Julia Scher, Arch., MIT  
Tom Sheridan, Mech E, MIT



**Thursday, Nov. 16, 6 pm**  
MIT 34-101, 50 Vassar Street, Cambridge

'Nature' is widely regarded as the antithesis of technologies such as railroads and the Information Superhighway. Yet these, as well as the telescope, telephone, and webcam, were developed to help us reach and better 'know' Nature. We have an increasing appetite for reality-based television and tele-robots that allow us to participate in the action. But as our reach is extended, we're increasingly vulnerable to error, deception, and forgery. What is the status of nature, knowledge and reality on the Internet?

*The Robot in the Garden: Telerobotics and Telepistemology in the Age of the Internet* is an anthology of 16 essays from artists, philosophers, engineers, and critics, published by MIT Press in summer 2000. Editor Ken Goldberg of UC Berkeley will briefly present examples of Internet telerobots and lead the distinguished panelists in a dialogue with the audience.

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Wednesday, November 15th at 12:00Noon

Amir D.  
Aczel, Ph.D.



*Author Appearance*

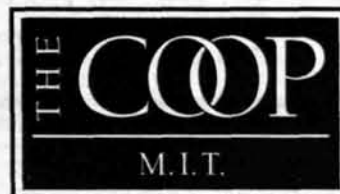
Book Signing — *The Mystery of the Aleph:  
Mathematics, the Kabbalah, and the Search for Infinity*



Amir D. Aczel, Ph.D., is a Visiting Professor at Baruch College and the author of several acclaimed bestsellers, including *Fermat's Last Theorem* and *Probability 1*. His new book, *The Mystery of the Aleph: Mathematics, the Kabbalah, and the Search for Infinity* is the intriguing story of one of the most brilliant mathematicians in history.

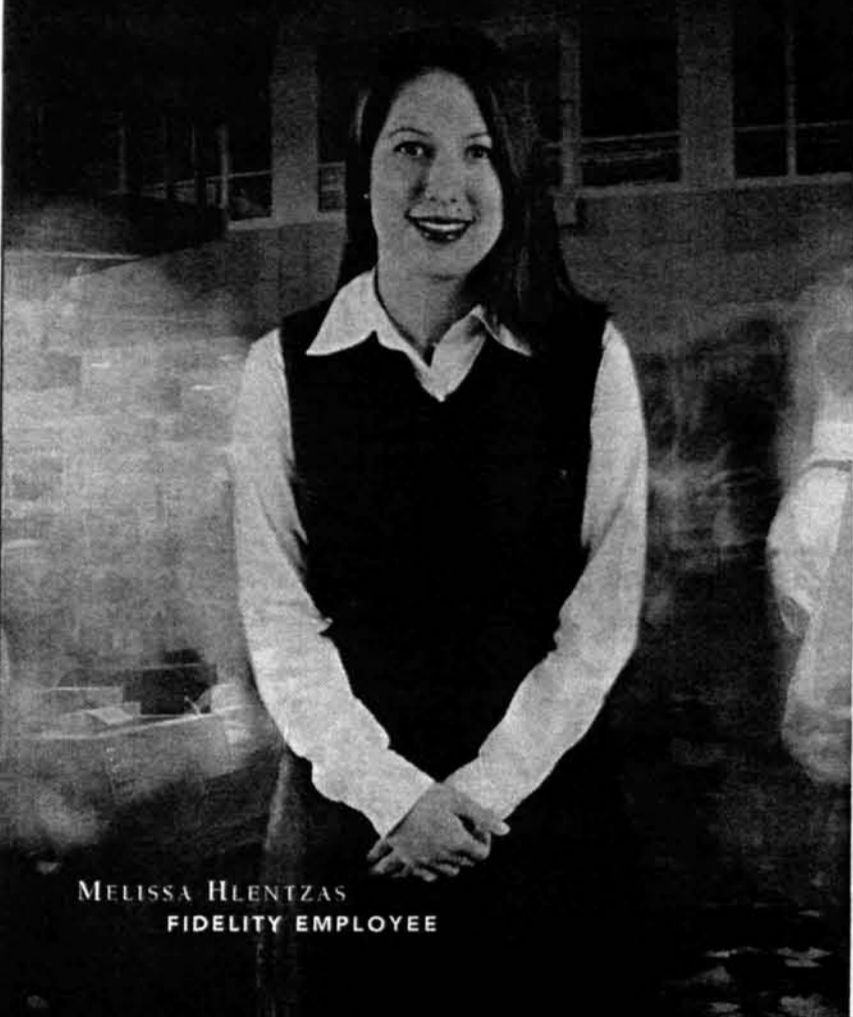
Georg Cantor's greatest accomplishment was his pioneering understanding of the nature of infinity. Although his groundbreaking discovery continues to shape our world today, at the end of the 19th century the mathematical genius languished in an asylum. *The Mystery of the Aleph* takes a look at Cantor's life and his deeply philosophical and mystical work.

As part of the Author Series at the M.I.T. Coop, Amir D. Aczel will sign copies of his book *The Mystery of the Aleph* on Wednesday, November 15th from 12:00Noon to 2:00p.m. Please join us.



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November - Calendar

14 Academics, Research and Careers  
Committee Meeting\*

22 Housing and Community Affairs  
Committee Meeting\*

All graduate students are welcome. Food is provided.

\* @ 5:30 in 50-220 (above the muddy)

# Ballot Questions 1-8 Divided Mass. Voters

By **Matthew Palmer**  
ASSOCIATE NEWS EDITOR

Although the winner of the presidential race has not yet been decided, results for the eight Massachusetts ballot questions were announced just hours after the polls closed.

Some of the most controversial questions, which included banning greyhound racing and providing universal health care, were decided by extremely close margins.

## Dog racing survives

Question Three, which would have prohibited all commercial dog racing in Massachusetts and closed two tracks, failed by a margin of 51 to 49 percent according to the Associated Press.

Proponents of the initiative criticized race tracks for poor treatment of the dogs, backing their claims with emotional television advertisements. "I saw the commercials on television ... I believe [the dogs] are being abused," said Susan J. Yudit-skaya '01.

Audrey L. Snyder '03 agreed, saying that she thought the dogs were being "treated badly."

However, other students disagreed with this, saying the ban was unwarranted because race dogs were treated well and were not abused as in other states.

## Marijuana reforms rejected

Voters also defeated Question Eight by a margin of 53 to 47 percent. The initiative would have used money seized from drug-related arrests to increase funding for drug treatment programs, and would encourage treatment over jail time for drug offenders.

"Instead of going to police officers, funding should go to drug treatment solutions," said Jasper F. Vicenti '01, a member of the MIT Hemp Coalition (which supported Question Eight).

Vicenti believes that drug treatment programs would be more effective than jail for drug offenders.

"What good would [jail] do for anybody?" asked Snyder, who supports drug treatment programs.

Question Five was also voted down, 52 to 48 percent. This would have created a Patient's Bill of Rights and provided universal health care in Massachusetts.

The debate questioned whether the initiative would provide better health care or just increase costs and bureaucracy.

On this question, Yudit-skaya said that "I don't like the way it's being run: the doctors are doing what the businesses say."

## Tax cut approved

Question Four, which will lower the state income tax from 5.95 percent to five percent over three years, passed by over 100,000 votes, providing a big win for Governor Paul Cellucci, the initiative's chief proponent.

Many supported this measure because they said the legislature had reneged on its promise nearly a decade ago to roll back taxes when the economy improved. Opponents said the state could not afford the tax cut, and the money should instead go to education or the Big Dig.

While voters approved Question Four, some students opposed it. Paul H. Kim '01 said that the money used for the tax cuts could instead be spent on reducing class size in public schools.

Jadon C. Smith '02 said that after spending time working for the government he realizes that "having more money for municipal projects" is more important than a tax cut.

Question Two, which prevents

felons imprisoned in Massachusetts from voting in state elections, passed by a comfortable margin.

Two other tax issues were brought before state voters. Question Seven, allowing tax deductions for charitable donations, passed by over a million votes.

Voters struck down Question Six, which would have allowed people to deduct tolls they paid from their income tax.

Question One passed by 40 percent. An amendment to the state constitution will now redraw the district boundaries to elect state politicians two years earlier than under the current system.

## Voters uninformed on issues

Some students believed that voters were not well educated when they decided how to vote on these ballot questions.

"I think most people just guessed," said Kim. He added that voters probably decided on the spot rather than coming to the polls with an opinion.

Smith agreed, saying that, "the vast majority were blindsided by the questions." He commented that he made up his own mind in advance and was not influenced by the protests.

Kim said that she was partly influenced by others who discussed the banning of dog racing.

The ballot questions will be the topic of a debate after Thanksgiving by New Horizons, a campus group which discusses current events.

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# Students Applaud Benedict for Listening to Concerns

Forum, from Page 1

required to alert the Licensing Board in that city. "Students feel uncomfortable calling the police when they need medical help," Seale said.

IFC Judicial Committee Chair Russell L. Spieler '01 would like to replace the current punitive system

with one which rehabilitates offenders. "I would like to see a policy that educates violators instead of imposing punitive damages on them," he said.

## DSL sponsored alcohol forum

In an effort to solicit student input on MIT's alcohol policies, the IFC, UA, and the office of the Dean for Student Life sponsored an open forum which allowed students to voice their opinions. A panel consisting of Neizmik, Pheiffer, Seale, Spieler and several key MIT administrators listened to students' concerns.

Many of the living groups who attended the forum have had problems with alcohol violations in the past. Members of both Next House and Kappa Sigma said that the harsh sanctions which were imposed after they requested medical transport during alcohol-related incidents may dissuade them from calling for help in future incidents.

Dean for Student Life Larry G. Benedict responded very differently to the statements by the two groups. He stood behind the sanctions on Next House saying that "a lot has been going on this year [at Next House], and the sanctions are a

result of all those incidents."

On the other hand, regarding the situation at Kappa Sigma, Benedict was very supportive of the actions that the residents took to help an intoxicated peer. He said, "we did not and will not punish the house."

Benedict also said that he will be at the hearing with the Cambridge Licensing Commission, "to support Kappa Sigma."

Students have commended Benedict and his staff for their willingness to listen to student's opinions.

Benedict attempted to show students that the administration "is not

the enemy." He believes that faculty and students should work together to develop the new policy, an attitude which students are responsive to.

Spieker said, "I mistrusted past decisions made by the administration, but I have every reason to trust Dean Benedict."

Seale said that he has been "very impressed" with Dean Benedict's willingness to listen to students.

Zeta Psi brother Todd W. Nightingale '01 said that the process of forming new alcohol policies will take too long. "What are we supposed to do this weekend?" he asked.



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For information or an application, contact: Dean's Office, SHASS, E51-255 (x3-8961) or the HASS Information Office, 14N-408 (x3-4443).

**PLEASE NOTE - Application Deadline is December 1, 2000**

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# Students Question Validity of Election

Election, from Page 1

that it is in their best interest to keep this system because it helps keep third parties down."

"People are already starting to rethink the Electoral College system," said Charles Stewart III, Professor of Political Science and McCormick Housemaster. "However, I would argue that the outcome [of this election] actually argues in favor of the Electoral College. Once people look at the actual dynamics of the election, they will see the advantages" of the current system.

"Any electoral system is arbitrary, and there will always be an incentive to challenge ballots in close elections," added Stewart. With the Electoral College system, he argues, "we can localize controversies. Can you imagine a recount of the entire United States?"

Presley H. Cannady '02, Acting Chairman of the College Republicans, said that the Electoral College is a "timeless institution. Republicans and Democrats have both defended this system throughout United States history."

"The Electoral College was designed to protect minority populations in the country," said Christopher D. Smith '01, treasurer of the College Democrats. "Though it has an elitist tint, its function is still valid."

## Manual recount questioned

Opinions on campus were varied on whether the ballots in Palm Beach County, Florida, should be recounted manually.

"The election is not some grudge match between Bush and Gore," Strozzi said. "It's about determining the will of the people in a fair and accurate way, not the quickest way possible. There are 10,000 partially punched ballots, and the only way

to account for them is to count them by hand."

However, Cannady asserted that the recount is "illegitimate" and will not improve the validity of the election results. Starr supports this belief and said that "counting by hand is less reliable and will just drag the process out unnecessarily."

## Positive effects projected

Despite the confusion surrounding this year's presidential election, some think that this will have a positive impact on future elections.

"It will be harder for people to believe that their vote doesn't matter" after the closeness of this year's election, Stewart said. He also noted that this may draw a larger voter turnout for the next election.

Smith thinks that this year's controversies will cause people to re-examine the fairness of the elections process. "The one good thing that has come out of this is that the underbelly of the electoral process has been exposed," Smith said. "Voter fraud happens on a wide scale in every election, and now people are realizing it. There's going to be a call to standardize the election process, which will help improve the integrity of the elections."

Technologist: Come Meet A Company That Will Change and Industry!

Who: nano

When: Thursday, November 30th, 2000

Where: Room 4-270

nano ([www.nano.com](http://www.nano.com)) is a pioneering technology company located in Silicon Alley. Founded in 1999, nano addresses a fundamental market need: more closely align supply and demand in any networked marketplace. With a solution based on its patent-pending, distributed software architecture, nano allows e-businesses to better utilize their existing digital assets to create and enhance revenue channels. By automating the capture, delivery and integration of an e-businesses' digital assets, nano allows businesses to create relationships that previously could not exist.

A privately held company, nano was founded in July 1999 after the realization that e-businesses could become more profitable by creating an intelligent market space that could enable dynamic relationships in real time. The Company was founded by four ex-Wall Street investment bankers from DLJ, Goldman Sachs and Morgan Stanley who hand-selected an executive team with management experience from IBM, PepsiCo, Procter & Gamble, Qwest, Reuters, Sony and other businesses to lead their new venture.



## Even EZ-er than 1040EZ.

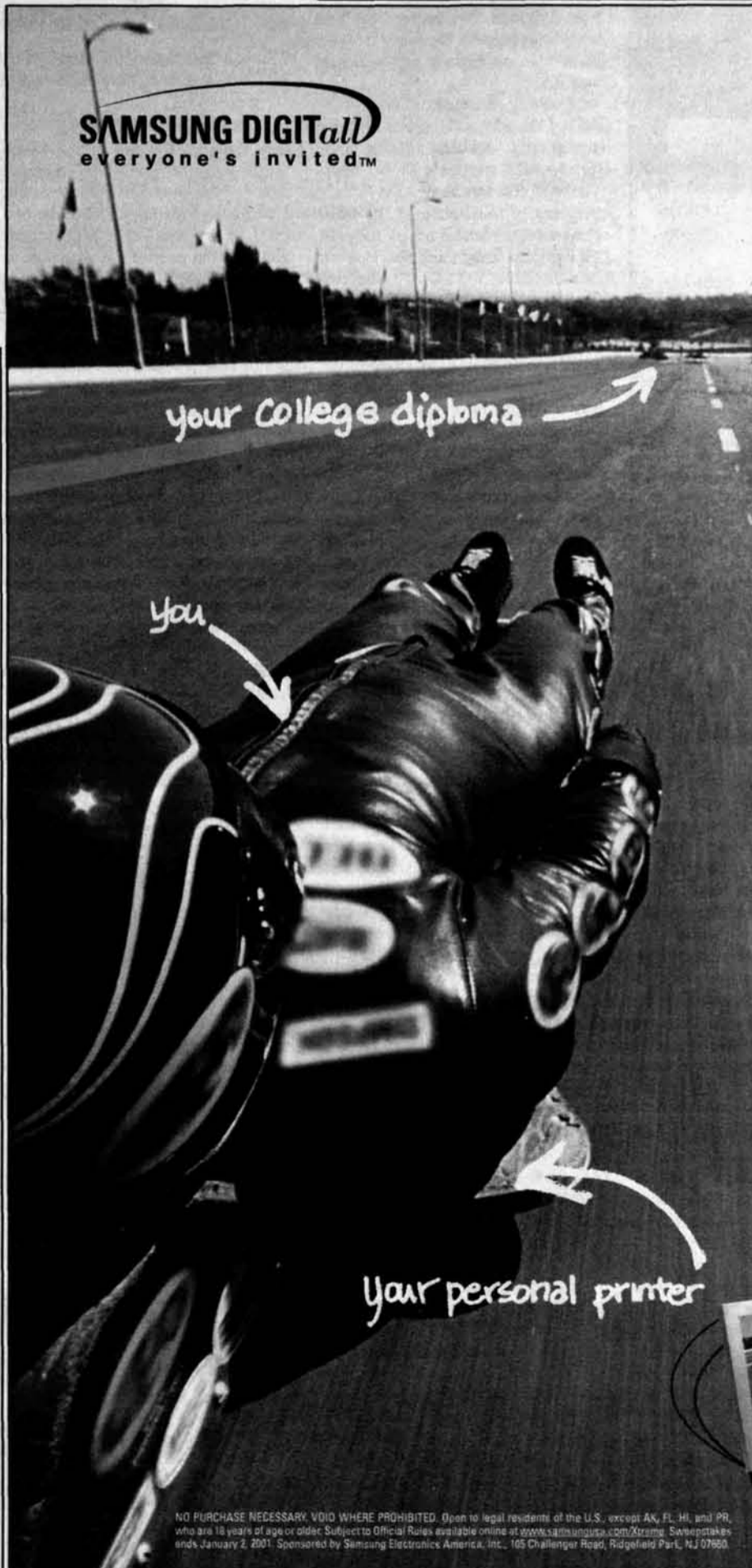


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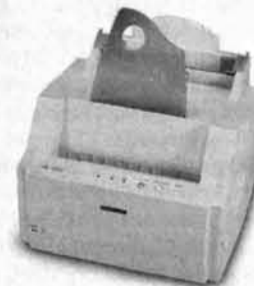
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# Who Let the Beavers Out?

## Women's Soccer 2000: A Season to be Dam Proud of

By Helana Kadyszewski

TEAM MEMBER

On Wednesday, October 25th MIT's women's soccer team ended a sweet season on a semi-sour note, falling 3-2 to Clark in the first round of NEWMAC playoffs. It was an evenly matched game and despite having to fight back from a two-goal deficit in the second half, the Lady Beavers kept the pressure on till the very end. Unfortunately it was too little too late.

However, the 2000 MIT women's soccer season was one of the most successful in Beaver history. Here's a recap:

In 1999, the Beavers had gone 7-9-1 on the season, and had graduated valuable defensewomen Hilary Carter and Theresa Burianek. As a result the team forecast for the 2000 season was uncertain. Nevertheless, senior captains Jen Wagner and Shalini Agarwal returned confidently to lead the 2000 squad and to anchor the midfield and backfield, respectively.

Rounding out the junior class were scrappy midfielder Sarah Perlmutter, MIT's littlest attacker with big moves, Cze-Chao Tam, and

Fueled by the loss, the Lady Beavers made wood chips of their next four opponents. In the home opener versus Eastern Nazarene, MIT dominated, but only managed to put two in the goal; one was from Becky Clinton '03, whose selfish bending corner kick tickled the back of net before anyone could touch it, and one was from Kelli Griffin. The solid defensive lineup of Shalini Agarwal, Sheila Saraglou, Helana Kadyszewski and Becky Clinton assisted keeper Connie Yang with her shutout.

Next against Emmanuel, MIT put on a freshman exhibition of sorts. Recording their first collegiate goals in a 3-0 rout were rookies Candace Wilson (off a cross from Jen Wagner), Sharon Cohen (off a throw-in from Morrison), and Shirley Chan. Yang also snagged her second shutout of the season.

Next to be demolished was Elmira. Sarah Mendelowitz put the Beavers on the scoreboard in the fourth minute after she and Griffin slithered through the Elmira defense with a series of passes. Soon after, Elmira snuck in a goal off of a corner kick, but it proved to be their only one. Griffin later knocked in a corner kick from Clinton, and then assisted Monica Morrison on her

fell again in sudden death. Despite the loss, MIT saw solid play on both sides of the field and especially strong performances off the bench from left-back Laura Waller '04 and midfielder Sharon Cohen '04.

After the disappointing loss, MIT regrouped, and the team packed into the vans on September 23 to meet Clark University in Worcester for its first conference match. The Clark game was an impressive display of team coordination and determination. Time after time MIT bombarded the Clark keeper with shots, while the Beaver defense held off any organized Cougar attacks. Late in the game, MIT had a chance to score when stopper Sheila Saraglou, who had an exceptional performance, drew a foul near the Clark goal. Becky Clinton, undeniably the team's best "foot," teed up for a direct kick and launched a powerful shot that just skimmed the top of the crossbar.

With less than five minutes to go, MIT went into full offensive mode and was caught off guard by a quick Cougar counterattack that put Clark up by one. The Beavers were unable to find the net before time ran out, and had to record an "L." The score was hardly an accurate representation of the game: MIT had clearly outplayed the 6th ranked team in New England. No matter, this loss would not prevent the Lady Beavers from making history in their next match.

Tuesday, September 26th, 2000. An icy drizzle set the scene for what in years past had been a losing battle for the MIT women's soccer team. The MIT Beavers hosted the Babson Beavers in the battle of the large semi-aquatic herbivorous rodents. MIT proved to be the better Beavers in a decisive 3-0 victory, the first victory against Babson in MIT women's soccer history.

The key player in this match was sophomore Sarah Mendelowitz, whose relentless pursuit of the ball was a driving force behind the MIT attack. Kelli Griffin opened the scoring in the third minute of play off a cross by Mendelowitz that was redirected by junior Sarah Perlmutter. Candace Wilson owned MIT's next two goals. Her first was assisted by fellow freshman Monica Morrison. For her second goal, Wilson beat the final defender one-on-one and popped a shot past a panicking Babson goalie for her second goal of the game. The win against Babson put MIT at 5-3 on the season and sent the Babson Beavers home with their tails between their legs.

MIT's next match was against Emerson College. After a long and arduous ride, MIT came through to win the match 5-1. Becky Clinton opened the scoring early, launching a rocket of a shot off a corner kick play. After Emerson's lone goal, MIT scored again when a Mendelowitz-header soared across the mouth of the goal where Kelli Griffin met it and authoritatively butted it to the back of the net. Mendelowitz then ended the half with a goal off of a pass from Shirley Chan. In the first two minutes of the second half, it was Mendelowitz again who put MIT up 4-1 off a pass from Candace Wilson. Junior Sarah Perlmutter added a little icing to the cake with a late goal from outside the 18 which blazed past the keeper to the upper right corner of the net. Contributing to the second half shutout of Emerson were Allison Johnson, Larissa Egloff, and keeper Connie Yang.

Next, MIT met regionally ranked Springfield in its third conference game of the season. As expected, it was a close match, and outstanding efforts by Sheila Saraglou, Shalini Agarwal, Laura Waller and Becky Clinton

staved off most Springfield attacks. Keeper Connie Yang was on top of her game, and the Lady Beavers had many scoring opportunities. In the thirteenth minute of the second half however, Springfield broke away with a 1-0 lead, and that lead remained unanswered at the horn. The loss brought MIT's conference record to under .500.

Mendelowitz, and Shalini Agarwal to collect the win. Co-captain Shalini Agarwal mounted the first successful attack by laying up a nice ball from the midfield across to Candace Wilson, who blazed by her defender and swiftly put the ball past the keeper.

MIT's second goal of the game was yet another result of the Griffin-



Monica Morrison '04 traps the ball away from an opponent during MIT's 4-1 win against Elmira College on September 16.



Shirley Chan '04 scores a goal in MIT's 3-0 shutout of Emmanuel College on September 12.

speedy forward Jennifer Li. A solid core of sassy sophomores returned to the ranks this season as well, including wily Irish-born keeper Connie Yang, sweeper and corner-kicking-sensation Becky Clinton, feisty forwards Sarah Mendelowitz and Kelli Griffin, stopper Sheila Saraglou, and clutch forward Malena Stiteler.

Rookies were the flavor of the season, and Coach Melissa Hart was happy to welcome a talented group of freshmen and newcomers. The class of 2004 included the indefatigable and versatile Shirley Chan, midfielder Sharon Cohen, Candace Wilson, Laura Waller, Larissa Egloff, Toni Ferreira, and Monica Morrison. Other valuable newcomers included indispensable practice goalie May Lim '03, German defensive specialist Allison Johnson '02, and the team's training-room junkie, Helana Kadyszewski '03.

### Team jumps out to 4-1 record

In the first match of the season, MIT met NCAA-tourney veterans Gordon College and fell 1-0 in the final moments of sudden death. Hardly outmatched, the Lady Beavers were simply out "tenacitized" by Gordon but nevertheless displayed great potential. Keeper Connie Yang had 12 saves on the day.

first collegiate goal. Griffin then punctuated the win with an impressive header off yet another beautiful corner kick from Becky Clinton.

On the road against Curry, MIT continuing its winning streak. Despite the gloomy weather, MIT didn't have an ounce of trouble. Before the first half ended, MIT was up 3-0, thanks to solid efforts from the Beaver backfield and goals from Griffin, Mendelowitz, and Wilson. Ten minutes into the second half, Wilson netted her second of the game to bring the score to 4-0. Shortly thereafter, Shirley Chan caught a pass from Jennifer Li and buried it in the net. MIT's sixth, final, unanswered goal was a textbook header by Becky Clinton off of a throw-in by Monica Morrison. The Curry game brought attacker Kelli Griffin to 9th in the NEWMAC conference scoring stats, and keeper Connie Yang climbed to the top of the conference with the lowest "goals against average."

### Team drops next two, rebounds

On September 21st MIT was again away, this time at Bridgewater State. Unlike Curry, Bridgewater engaged the Beavers in a real battle, and game stayed scoreless throughout regulation. However, in an unfortunate replay of the Gordon loss, MIT

October blew in and MIT met new conference opponent U.S. Coast Guard at home. Early MIT domination set the tone for the game, but Coast Guard managed to put the first goal in the net. Team high scorer Kelli Griffin evened the score late in the first half, capitalizing on a scramble in front of the Coast Guard goal. The second half was scoreless for both teams despite the fact that the Beavers outshot their visitors 24-8. The whistle announced the first period of overtime and the Beavers were in top form. Strong defensive efforts were again seen from stopper Sheila Saraglou, Shalini Agarwal, Laura Waller and sweeper Becky Clinton. Meanwhile, it was only a matter of time before the efforts of attacking machines Griffin and Mendelowitz delivered the game-ending goal (Mendelowitz from Griffin) and sent the Coast Guard girls to their bus for the long journey home, and undoubtedly, for several hundred sets of pushups.

MIT's next opponent, the Westfield State Owls, brought the Lady Beavers their most vicious match of the season. Before the final horn, Westfield had collected 15 fouls

in their effort to bully

the Beavers off the field. However MIT rallied behind its own brute squad, led by Monica Morrison, Sarah

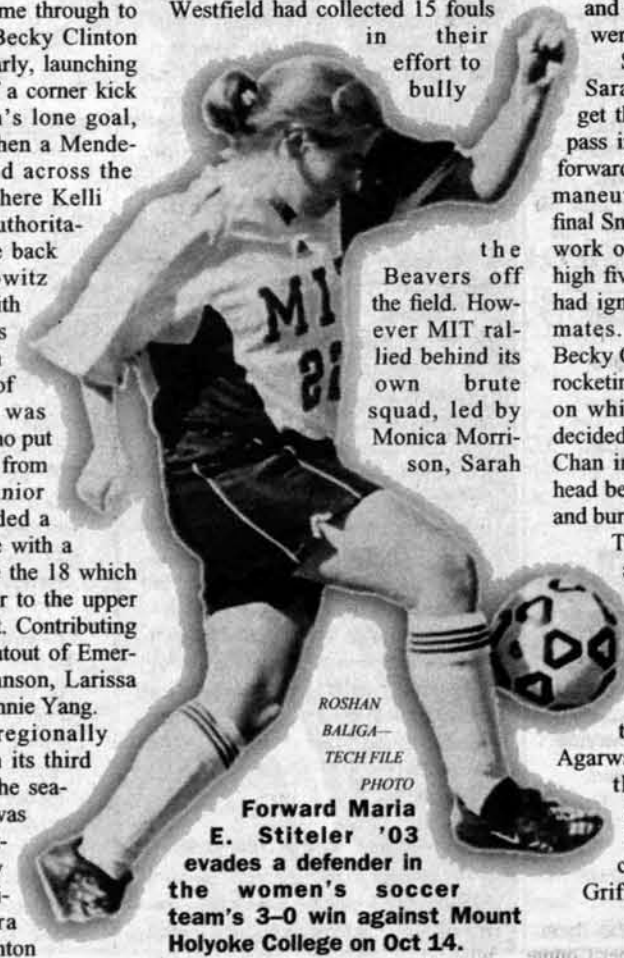
Forward Maria E. Stiteler '03 evades a defender in the women's soccer team's 3-0 win against Mount Holyoke College on Oct 14.

Mendelowitz connection; this time it was Mendelowitz from Griffin. In a bloody fury, the Westfield girls used a series of trick plays that included tripping, elbowing, teeth gnashing and head-butting to steal a lone goal from the Beavers. All hopes for an Owl win were crushed however when junior Sarah Perlmutter aggressively herded a cross from Griffin into the net. The game against Westfield was a blatant rebuttal of the age-old saying, "Nice guys finish last."

The 3-1 win over Westfield brought the Beavers' record to 8-3, putting the number of wins one up over the 1999 season total, with still six games left to play. Bolstered by the win over Westfield, MIT traveled to Pioneer country to avenge last year's loss to Smith College. Battling the bumps and bruises from the Westfield match, MIT got off to a rocky start. Before the Beavers could blink, the Pioneers had capitalized, and the score was 1-0 at the end of the first half. Still sluggish, the Beavers let up another goal, and the score was 2-0 with thirty minutes to go. With the Smith fans at full tilt and the score as it was, tensions were running high.

Swift-footed sophomore Sarah Mendelowitz decided to get things rolling. She received a pass in the final third from fellow forward Candace Wilson and deftly maneuvered her way around the final Smith defenders and made easy work of the Smith goalie. Met by high fives at midfield, Mendelowitz had ignited a fire within her teammates. Fellow sassy sophomore Becky Clinton made the next charge, rocketing a shot from outside the 18 on which freshman Shirley Chan decided to put a little extra oomph. Chan intercepted the shot with her head before the goalie could snag it, and buried it in the back of the net.

The Smith fans were outraged, and when the whistle blew at the end of regulation it was anybody's game. But the Beavers were out to claim this one for their own! In the first six minutes of overtime, co-captain Shalini Agarwal secured a corner kick for the Lady Beavers. MIT's deadliest weapon, a corner kick from Clinton, led to a commanding finish by Kelli Griffin. The jumping header was



ROSHAN BALIGA—TECH FILE PHOTO

Forward Maria E. Stiteler '03 evades a defender in the women's soccer team's 3-0 win against Mount Holyoke College on Oct 14.

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Continued from previous page

not her first of the season, but most likely, it was the sweetest. Jubilant chaos erupted from the MIT bench and assistant coach Alyssa Sadowski made her way to the top of the pig pile in front of the Smith net. Monica Morrison was a strong candidate for the Chevy Player of the Game Award for her solid endline-to-endline efforts.

The Lady Beavers were on the road again to face nationally ranked soccer powerhouse Wheaton College. A slow start allowed the Lyons to capitalize quickly and at the end of the half it was 4-1, the lone Beaver goal belonging to Kelli Griffin. The Beavers gained a bit of momentum in the second half despite an early Lyons' goal. They then took it to the Lyons assertively for the next 45 minutes, holding Wheaton scoreless and putting in a few of their own.

Shirley Chan and Kelli Griffin attacked a loose ball in front of the Wheaton net for MIT's second goal. Sarah Mendelowitz capitalized on a Wheaton mistake and abused the Lyons' goalie to bring the score to 5-3. With 20 minutes remaining Wheaton still led, and visions of the Smith game filled each Beaver's head — unfortunately time ran out before MIT could do any more damage. Nevertheless, the second half effort by the Beavers had put Wheaton in an unfamiliar position: their defense had let up not one, not two, but three goals.

In their next match, the Beavers faced local rival Brandeis. Slow adjustment to the turf seemed to be MIT's biggest handicap, and the game was at best, sloppy. Connie Yang however held firm ground in the net helping to keep Brandeis scoreless in the first half.

The second half looked a little better and the Lady Beavers dominated. Candace Wilson, in the prettiest play of the game, beat her defender and served up a beautiful pass to Kelli Griffin for MIT's first goal.

Sophomore instep-specialist Becky Clinton decided to play it stingy again, and beat the Brandeis keeper on another one of her knuckleball corner kicks. Defensive standouts Saraglou, Agarwal, and Chan shut down, shunted, showed up, and shrugged off the Brandeis attack. In addition, Sarah Mendelowitz once again shed her "nice girl" image and helped to keep the referees busy. The 2-0 win brought MIT's record to 10-4-0.

#### Team goes 2-1 in next three games

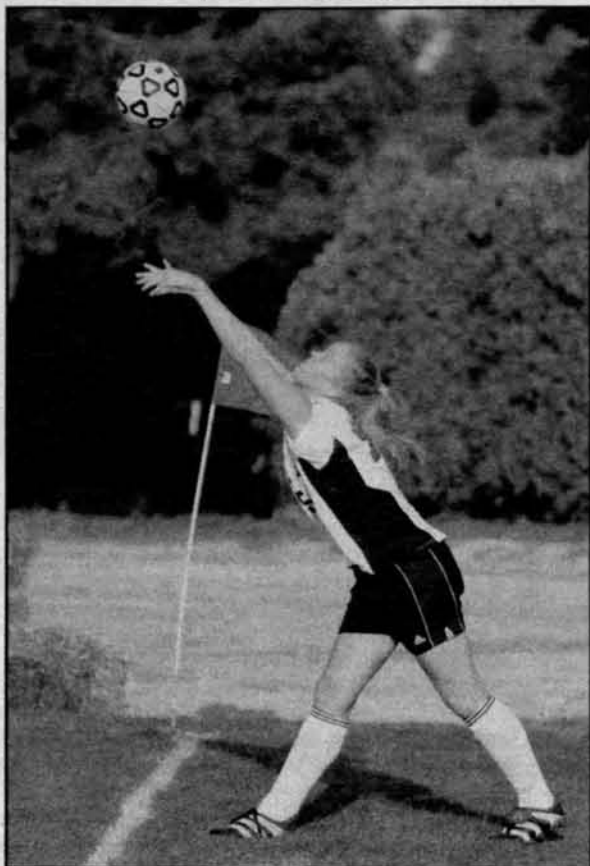
On October 14th, MIT engaged another pride of Lyons, facing conference opponent Mount Holyoke. MHC has brought the Beavers to overtime on more than one occasion in years past. But this season, MIT was happy to swiftly dispatch the Lyons during regulation. Sarah Mendelowitz put the Beavers up early, and very soon after, midfielders Sarah Perlmutter and Jen Wagner connected, respectively crossing and finishing for the second goal of the game.

The teams leading scorer Kelli Griffin decided to add goal #3 to MIT's tally and goal #12 to her personal collection, finishing on yet another corner kick by Becky Clinton. It was 3-0 at the half, and Allison Johnson, Toni Ferreira, and Laura Waller secured the shutout for the Lady Beavers. Junior forward Jen Li and freshman midfielder Larisa Egloff were key in supporting MIT's second half attack, but despite the barrage of shots, MIT was held to three.

Next the Beavers headed to Worcester to face the women engineers of WPI. In the tradition of slow and sloppy starts on artificial surfaces, MIT had to fight extra hard against an aggressive WPI team. Excellent efforts from keeper Connie

Yang kept MIT in the game. Both teams entered the second half scoreless and the scoreboard would remain fixed until there were only 50 seconds left in the game. It was then that Sarah Perlmutter beat her defender deep in WPI territory. She then sent a lofty cross toward the goal, the kind of cross that finishers Shirley Chan and Kelli Griffin drool over. Chan made the first touch volleying the ball toward Griffin. Griffin then tore through the WPI defense and struck the rebound emphatically past the keeper to end WPI's season.

With the win over WPI, MIT had moved into position to secure a home berth in the conference quarterfinal. Standing in the way was Wellesley. The Wellesley Blue



BRIAN HEMOND—TECH FILE PHOTO

**Monica Morrison '04 returns the ball to play in MIT's 2-1 overtime win against the U.S. Coast Guard Academy on Oct 3.**

(1999 conference champions and NEWMAC NCAA representatives) traveled to MIT to battle it out for the home field advantage on October 21st. Parents filled the stands to watch what is typically a David-and-Goliath match-up. Not this year: for the most part, the match was even; the Beavers and the Wellesley Blue both had many opportunities to score, but superior goalkeeping and defense by both teams kept the game scoreless until late in the first half, when Wellesley scored off a header.

The Beavers did not let up. In the second half they dominated play, time and time again encroaching upon the Wellesley keeper. Junior forward Cze-Chao Tam and freshman midfielder Monica Morrison each threatened with powerful shots that unfortunately rebounded from the crossbar, and sweeper Becky Clinton missed by just millimeters on a direct kick. By no means was MIT outmatched; Wellesley simply had the better bounces on the day, and scored one more before the final whistle leaving the score at 2-0.

The loss to Wellesley capped the regular season, a season characterized by close matches, fierce opponents and superior efforts from the Lady Beavers. Individually, MIT had some conference stars. Midfielder Kelli Griffin finished her season as NEWMAC's second leading scorer (13 goals, 6 assists.) Sarah Mendelowitz placed sixth in the league (9 goals, 3 assists), and freshman Candace Wilson was sixteenth (6 goals, 3 assists.) Sweeper Becky Clinton was also a thrust for the Beavers offensively with 4 goals and 6 assists on the season. Goalkeeper Connie Yang finished the season with 7 shutouts and over 130 saves.

#### Team battles Clark in final game

As a team, the Beavers finished 12-6-0 on the season, 5-4 in the conference, tying the mark for most wins MIT's women's soccer history.

Had the Beavers played to their true potential from the first whistle in the October 25th NEWMAC quarterfinal game against Clark, it is likely that the win-record would have been broken.

However, MIT came out with a slow start and had to fight back from a 3-1 deficit in the second half. (MIT's lone goal was a miraculous shot by Kelli Griffin off of a through-ball, placed by co-captain Shalini Agarwal.) The second half was a physical and mental battle for the Beavers. A slight glimmer of hope came when freshman standout Shirley Chan lined up for a Clinton corner-kick, with less than 6 minutes to go. Clinton lofted the ball in close reach of Chan, and she slammed it home with a brilliant header. MIT raced back to half-field and fought back gallantly as time ticked away. At the final whistle, it was still 3-2.

A disappointment, to say the least. According to Coach Melissa Hart, the quarterfinal match against Clark was clear proof, that even on their not-so-good days, the MIT Lady Beaver soccer team can hang with the best of them.

Unfortunately, the Lady Beavers will have to do the "hanging" without two of their finest next year. MIT waves a sad goodbye to the skilled and seasoned duo of co-captains Shalini Agarwal (Rockville, MD, defense) and Jennifer Wagner (Rochester, NY, midfield). Coach Melissa Hart remarks, "Shalini and Jen are members of the first class I coached through all four of their undergraduate years. They have been instrumental

in changing the atmosphere and the level of the MIT women's soccer program.

"While they will both be sorely missed, I am already looking forward to next season because we are returning a very dedicated and talented group of student-athletes that care about each other a great deal. With even more experience under our collective belts, we will not only be more competitive but we will continue the tradition of commitment and enjoyment that the seniors have helped foster." Shaleenee and Dr. Wags, we salute you.

# Tennis Ends Season With Strong Showing

By Ann Hsing

TEAM MEMBER

The MIT women's tennis team finished their season two weekends ago at Smith College with an impressive showing at the NEWMAC Tournament, winning six of the nine flighted rounds.

Entering with high hopes and expectations, the ladies of MIT tennis displayed poise and precision both on and off the court. At first singles, Kelly Koskelin '02 faced a tough first round against the number one seed from Clark. After dropping the first set 6-4, Koskelin rallied back to an easy 6-1 win in the second set. Fighting for every point, Koskelin lost in a close third set 7-5.

At second singles, Shima Rayej '04 faced her toughest match in the first round against Babson, winning 7-5, 7-5. After Babson, Rayej knew she could handle anything that the NEWMAC tournament would throw her way. She breezed through Wellesley in the semi-finals 7-5, 6-1, and shot by Smith in the finals 6-2, 6-1, crowning her the second singles winner of the NEWMAC tournament.

At third singles, Victoria Davis '04 barely broke a sweat in her quarterfinal and semifinal rounds against Babson and Wellesley, defeating them 6-0, 6-2 and 6-2, 6-1. Facing Smith in the finals, Davis recognized this had been one of her toughest matches from the season. Even though she put forth a valiant effort, Davis lost in the finals 6-1, 6-1.

At fourth singles, Caroline Tien '04 blasted through all her opponents one by one. In the quarterfinals, she defeated Springfield 6-2, 6-2. In the semifinals, she faced an opponent that gave her trouble during the season. After winning a close first set 7-5, Tien cranked her game up a notch to sweep the second set easily 6-2. Ignoring the sideline chants from Wheaton in the finals, Tien won the fourth singles flight 6-3, 6-1.

At fifth singles, Jessica Hall '02 easily won her quarterfinals round against Mt. Holyoke 6-1, 6-0. In the semis, Hall faced a familiar opponent from Wellesley who she has played each year. Knowing that not only her physical but mental game had to be at its full potential, Hall pulled out a victory in a three-set match, 6-3, 3-6, 6-2. Hall then defeated Wheaton in the finals fairly easily 6-4, 6-2 to win the fifth singles flight.

At sixth singles, Ruby Pai '04 faced tough matches. After an easy win against Babson 6-2, 6-0, she fought her way through Smith 7-6 (4), 6-4. Despite the length and rigor of the Smith match, Pai faced the longest match of the day against Wellesley in the finals. Winning the first set easily 6-1, Pai quickly dropped the second set 6-2. Staying tough, Pai did not let her guard down. In a nail-biting third set, Pai pulled out the victory and the title of sixth singles NEWMAC champion, winning a tie-breaker 7-4.

The MIT doubles team proved their strength in the tournament, with all three teams advancing to the finals. The first doubles team of Koskelin and Davis showed no mercy to any of their opponents, beating Wellesley in the finals 8-5.

The third doubles team of Hsing and Tien also rallied through each of their opponents, with a tough semi-finals against Wellesley. Entering the tie-breaker against Wellesley, Ann Hsing '02 and Tien knew they would have to play hard and aggressive. With this, they gave Wellesley no time to breathe, winning the tie-breaker 7-0. They then clinched the third doubles flight by defeating Smith in the finals 8-4.

At second doubles, Hall and Rayej had no trouble making it to the finals. Facing an unknown Wellesley team, Hall and Rayej fought long and hard, making each point count. In the last match remaining in the entire tournament, Hall and Rayej lost in a close tie-breaker 8-6.

"I was so proud of how everyone competed this weekend, win or lose. They all did a great job of keeping their focus, encouraging each other, and maintaining their poise," said Coach Carol Matsuzaki. "This is a very young team, and I am very excited about their future." Not only did MIT clean up at the NEWMAC tournament, Jess Hall, Ruby Pai, the doubles team of Koskelin and Davis, and the doubles team of Hall and Rayej earned all-conference honors. In addition, for the second year in a row, the women of MIT displayed grace and dignity, indicative in their winning of the sportsmanship award.

With snow falling, the MIT women's tennis team drove back to school, away from the world of the NEWMAC tournament, ending their season happily and satisfied. What awaits the future of MIT women's tennis? Tune into the spring season to find out!

## Rucking Beavers End up 3rd In Division III New England Rugby

By Samuel D. Mertens

TEAM MEMBER

Last Saturday MIT's rugby team played in the New England Division III Championships in Attitash, NH. The task ahead for the Rucking Beavers was tough, as they had to face the undefeated Albany Knickerbockers. Regrettably for MIT, the undersized field took away their chief weapons of speed and youth against the experienced and oversized Albany team.

The game started off well for the men in gray. At one point MIT earned a penalty kick but missed it. The game stayed even for the rest of the first half, as MIT came away luckily tied with Albany for a 0-0 half-time score. At the start of the second half, however, MIT's iron defense finally relented and allowed one converted try after enormous Albany pressure.

For the rest of the game, great play by the MIT forwards, combined with good backline support, allowed MIT to pressure Albany in their half. But this was to no avail. Small mistakes kept MIT from scoring, and a heartbreaking 7-0 loss was a result of this first game. Albany went on to win the championship.

After the loss to Albany, MIT made sure to win the consolation finals against Berkshire. Here MIT did not let themselves get shut out. Man of the match Cornelius O'Sullivan SM '99 had a great run on the side, assisting James Partridge G for the first MIT try of the day. William Kreamer '98 converted the try for

a 7-0 opening score. Another great run by O'Sullivan setup Fabio Dalan G for the second try of the day, giving MIT a 12-0 lead.

For the rest of the game, MIT played with a solid, brick-wall defense. The tackle on the line that Kevin Frye G made on the storming Berkshire lock was especially impressive. Minutes before the end of the game Berkshire did manage a try for a final score of 12-5, but MIT went on to win and earn the third rank in the division.

MIT then played a friendly against the hosting Mountain Valley Rugby team. The game started off well for the Beavers as Steve Murray PhD '00 crashed through several defenders to put them ahead by 5-0. Minutes later, John Paul Shen '02 also scored a try, which was converted by Murray. In the second half, the home team scored a try, but MIT matched that try with another one of its own: when Shen made another great crash, he dished off the ball to the supporting Samitha Samaranyake '02. Murray converted again, for a final score of 19-5.

Coach Steve Wilhelm, in his 8th year here at MIT, with a 90-53-3 record, said after the match, "The boys played their hearts out. The Rugby was fierce, and they were able to stand up to it. We played hard, running Rugby. I am very proud of them and look forward to our tour of Europe in the spring."

Captain Dionicio Siegel G had the following to comment on the 13-4 season: "Our season has been like a Monet painting; in detail several flaws can be found, but in the end it is something to be proud of."

# SPORTS

## Beavers Dominate, Then Hang On to Win over UMass Beacons

By Alvie Loreto  
STAFF REPORTER

After acing tests against three quality conference opponents, the MIT football team expected an easy final exam from conference cellar-dweller UMass-Boston. For the second straight year, the assignment was all that they could handle, and the Beavers were lucky to be able to say they passed.

In front of a homecoming crowd of 1,200, the Beavers started strong, then weathered a furious comeback from the Beacons to pull out a harrowing season-ending 33-26 victory. MIT (4-5, 3-3 NEFC Boyd) battled overconfidence and a lack of defensive focus, especially among the departing seniors.

They allowed UMB (1-8, 0-6 NEFC Boyd) to rack up more total offense (271 yards to 234) and more first downs (19 to 11) while retaining ball possession twice as long (40:10 to 19:50). And strangely enough, MIT did not convert a single third-down or fourth-down opportunity (0 for 9).

The game was reminiscent of 1999, when a winless UMB squad took MIT to the limit before the game slipped away from them in the last two minutes. Similarly, in this year's contest it seemed as though whenever momentum would start to swing toward the Beacons, the home team provided a huge play to protect, and ultimately preserve, their advantage on the scoreboard.

### Hoying makes key interception

The first quarter saw MIT score

on its first two possessions, courtesy of touchdown passes from quarterback Philip M. Deutsch '04. Deutsch found favorite target Robert R. Owsley '02 twice on scoring plays of 8 and 46 yards, boosting Owsley's TD catch total to an NEFC-leading eight. Tech Kicker Kevin M. Ferguson '02 made good on both extra points for the early 14-0 lead.

However UMass-Boston answered early in the second quarter with an efficient 12-play, 58-yard scoring drive. Freshman receiver Brian Deptula caught a 13-yard touchdown pass from quarterback Kevin Wiley to put UMB on the board. The extra point was hooked left, keeping the Beacons two scores from taking the lead.

The UMB touchdown generated some defensive energy, and on the ensuing sequence they held the Beavers to three yards on three downs to force the punt. With newfound confidence, the Beacon offense took the field at their own 27. Just two plays later, though, they were deflated by a 33-yard interception return for a touchdown from Tech free safety Brian D. Hoying '03.

The momentum-shifting play, which gave the Beavers a 21-6 lead going into the half, was only the start to a spectacular all-around game for Hoying. The St. Henry, OH native wound up recording nine tackles (six solo), two pass breakups, and a school record-tying three interceptions, earning him selection as the NEFC Defensive Player of the Week.

### UMB shock Tech in 3rd quarter

At the start of the second half the

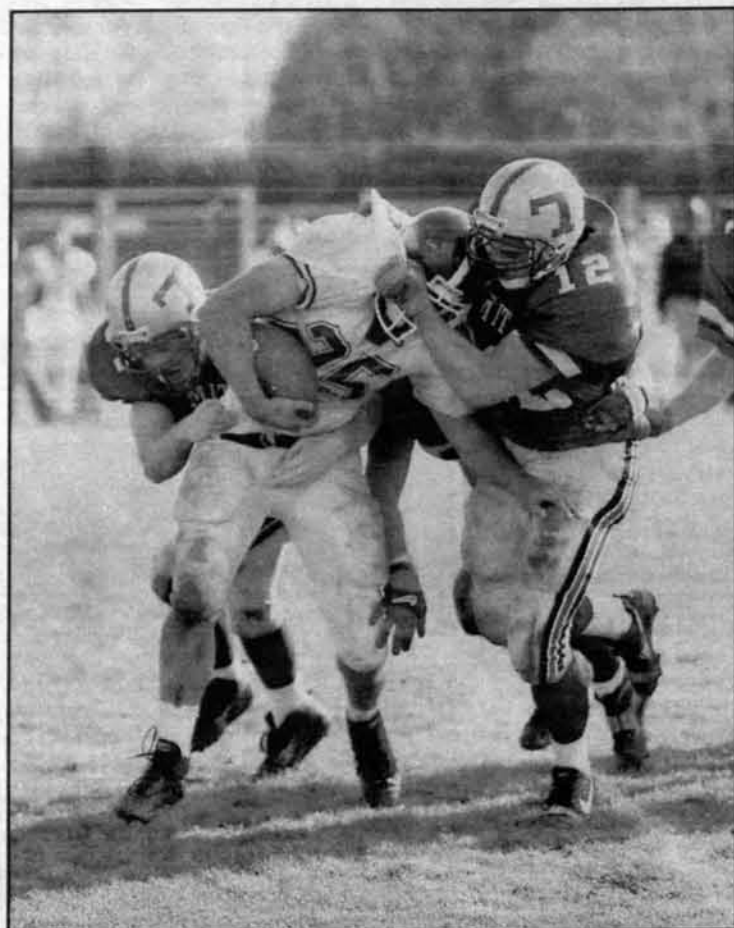
Tech defense went to sleep, allowing UMB 13 unanswered points to bring the visitors back within striking distance. With each of the eight Beaver senior defensive starters savoring their last chance to make memorable individual plays, the concept of swarming team defense that had spurred success in Weeks 6 through 9 gave way to a lack of cohesiveness and missed assignments. As a result, UMB clawed their way to two touchdowns in the third quarter.

The first came on a Mike Bissanti 5-yard touchdown reception at 7:49 in the third, which capped a bruising 14-play, 55-yard drive for the Beacons. The second UMB score, a Frank Campo 10-yard run that brought the score to 21-19 with 2:06 in the third, followed a botched MIT fake punt that gave the Beacons the ball in Beaver territory.

To make matters worse, Ferguson broke his collarbone on the play, rendering the Beavers without a kicker for the rest of the game. Yet despite his impressive touchdown, Campo could not find the end zone on the ensuing two-point conversion attempt. A sure tackle near the goal line by outside linebacker James C. Jorgensen '01 kept the slim lead intact.

### Beavers hold on in fourth

Sensing the never-say-die mentality of their opponents, MIT jolted back to life in the fourth quarter. Capitalizing on two tide-turning pass interceptions by Hoying and Alvan Eric P. Loreto '01, the Beaver offense struck quickly, generating two rushing touchdowns in 2:33 of possession



AARON D. MIHALIK—THE TECH

Daniel J. Bush '01 (#12) and James C. Jorgensen '01 (#34) take down a UMass-Boston player in MIT's homecoming game against UMass-Boston. The Beavers defeated the Beacons 33-26.

to reestablish a comfortable lead.

Fullback Kip M. Johann-Berkel '02 rumbled in from two yards out at 12:43, and Deutsch earned a spot on the NEFC Weekly Honor Roll on the strength of his shifty 28-yard TD run at 7:58. Forced to go for two both times due to Ferguson's injury, the Beavers twice came up empty-handed, leaving the score at 33-19 with time winding down.

As expected, though, the gritty, nothing-to-lose UMass-Boston squad still had some life left in them. Going to the air, the Beacons took just under 4 minutes to drive 50 yards for a touchdown. At 4:03 Wiley weaved into the end zone from 5 yards out, and Bissanti's extra point kick left the underdog Beacons down by only 7. Moreover, UMB stopped MIT in three plays on the next possession to get the ball back with 2:57 left in the

game.

But after getting shamefully bullied by the conference's lowest-rated offense for most of the game, the MIT defense finally returned to form when they were needed the most. Apparently the desperate circumstances magically restored Tech's defensive team unity: the Beacons' final drive for the upset, starting at their own 25, ended in just four plays and nearly ten yards back from where it started.

In addition to Hoying's heroics, linebackers Brent M. Schreiber '03 (14 tackles) and Brian L. Licata '01 (12 tackles) cleaned up well on the inside. Daniel J. Bush '01 (8 tackles, one pass breakup) and cornerback Angus Huang G (8 tackles, 2 pass breakups) also registered notable individual performances. However, it was the classic lesson in teamwork that remained the sole reason that the eleven Beaver seniors could ride into the sunset atop high horses.

### Solution to Crossword

from page 15

A	L	E	T	S	N	M	S	E	S	D	S	D
H	E	N	I	V	G	A	O	O	E	R	E	E
D	N	O	S	M	O	N	N	O	D	L	A	E
N	A	D	A	L	B	E	E	A	L	T	B	O
P	E	G	E	C	E	S	C	O	I	S	C	E
R	E	E	N	T	E	R	M	O	C	I	O	V
L	V	N	O	I	O	W	E	S	O	D	S	D
S	V	H	S	E	N	S	E	R	S	E	N	S
H	A	S	E	N	N	A	T	E	R	N	A	T
P	E	N	G	U	I	N	W	E	L	F	A	R
S	E	I	J	E	L	L	E	N	N	I	S	S
S	O	L	I	T	I	E	S	S	O	S	S	S
E	L	E	S	N	O	S	I	O	S	S	I	O
B	A	R	I	N	O	L	T	R	E	M	O	O
O	C	T	F	L	I	P	E	R	I	A	T	E

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