

# Welcome, Families

MIT's  
Oldest and Largest  
Newspaper



## The Weather

Today: Sunny, windy, 55°F (13°C)  
Tonight: Clear, cold, 40°F (6°C)  
Tomorrow: Cloudy, rainy, 58°F (14°C)  
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Volume 122, Number 48

Cambridge, Massachusetts 02139

Friday, October 18, 2002

## Annan Speaks on Global Compact, Business Obligations at Sloan Gala

By Michelle Nyein

Kofi Annan SM '72, the seventh secretary-general of the United Nations, delivered the keynote address last Friday at the celebration of MIT Sloan's fiftieth anniversary in Kresge Auditorium.

As part of the three-day program of academic discourse and gala festivities, Annan opened the Academic Convocation with a speech on the need for trust in the international community and the obligation of businesses to aid in solving global problems ranging from environmen-

tal degradation to AIDS.

In today's society, Annan said, peoples and nations must build a sense of shared responsibility to deal with urgent global threats.

"Trade and communications," he

Annan, Page 23



AARON D. MIHALIK—THE TECH

Kofi Annan SM '72, the Secretary General of the United Nations, was the keynote speaker at the Sloan School of Management's fiftieth anniversary celebration in Kresge last Friday.

## Voting Age Bill Stuck in State Legislature

By Ricarose Roque

STAFF REPORTER

The bill to lower the voting age to 17 in Cambridge has been placed under a study order by the Massachusetts state legislature after a public hearing in July.

Under the study order, the bill will undergo further analysis by the state election laws committee responsible for matters related to elections and election laws. If passed, this bill will allow 17-year-old residents of Cambridge to vote in City Council and school committee elections, and on local ballot questions.

The bill, sent to the state legislature by Cambridge city council last March as a "home rule petition," requests that the legislature enact the modified voting policy in the city of Cambridge. If passed, Cambridge will become the first and only region in the United States to allow voters under the age of 18.

"Bills sent to study order does not necessarily put a stop to the bill," said Matt Irish, chief of staff to Sen. Steven A. Tolman, who represents parts of Cambridge and Boston. "Though once a bill is sent to study, it doesn't move after that."

"Theoretically, a bill under study can move forward if enough politi-

cal pressure is placed on the committee doing the study," Irish said. "However, with the legislature meeting informally now, even if the bill did pass, it can still die if there is objection."

During the informal sessions of the state legislature, only one objection from an state official is needed from either house to stop the bill if it passes.

During executive sessions, members of a committee can give a bill a favorable report, which moves it along the legislative process, or an unfavorable report, which stops the bill completely. Bills given neither a favorable nor an unfavorable report are sent to study, which, according to Irish, is "a nice way to kill a bill."

### Technical issues slow passage

"This bill sets a precedent that other cities or even states can follow," said Cary Maloy, legislative director to Sen. Tolman. "I think that's what some people are afraid of."

Other technical issues have also been raised concerning the bill.

"If a 17-year-old is given the ability to vote, should they also be given the right to run for office?" Irish asked. "These are some of the reasonable issues that officials want

to be clarified before this bill is passed."

Voting, Page 28

## Paper Shows Airline Profiling Ineffective

By Brian Loux

NEWS EDITOR

Many critics of airport profiling have derided it as racist and an unlawful invasion of privacy. But Aaron B. Strauss G and Samidh Chakrabarti G added something new to the list last spring: an aid to terrorists.

The Computer-Assisted Passenger Prescreening System was instated first in 1997 to single out passengers that posed a significant threat for an explosive device check. After Sept. 11, 2001, CAPPS was expanded to secondary checkpoint screening.

Strauss and Chakrabarti decided to analyze the system in their Ethics and Law on the Electronic Frontier

(6.805) class. Chakrabarti "had the idea of writing a report on profiling," Strauss said. "We brainstormed how CAPPS works and if it could be successfully implemented."

It soon became apparent to the two students that the system would not. They concluded that terrorist cells could send members on flights without any intention of hijacking the plane just to see whether or not members would be flagged. After testing the system enough, the cell could confidently send hijackers onto a flight knowing they would not be screened. The effect was termed

Security, Page 18

## Weekend Provides Taste Of MIT Life for Families

By Kathy Lin

STAFF WRITER

Approximately 2,000 people from 550 families are expected to come to MIT for Family Weekend 2002, which begins today and runs through Sunday, Oct. 20.

"It's an opportunity for families to come to MIT and experience it in full swing," said Laura DePaoli, coordinator of MIT Family Weekend.

"Typically, about 50 percent of the families that come are families of freshmen," DePaoli said. "Families pay a small fee to cover the breakfast and some of the recep-

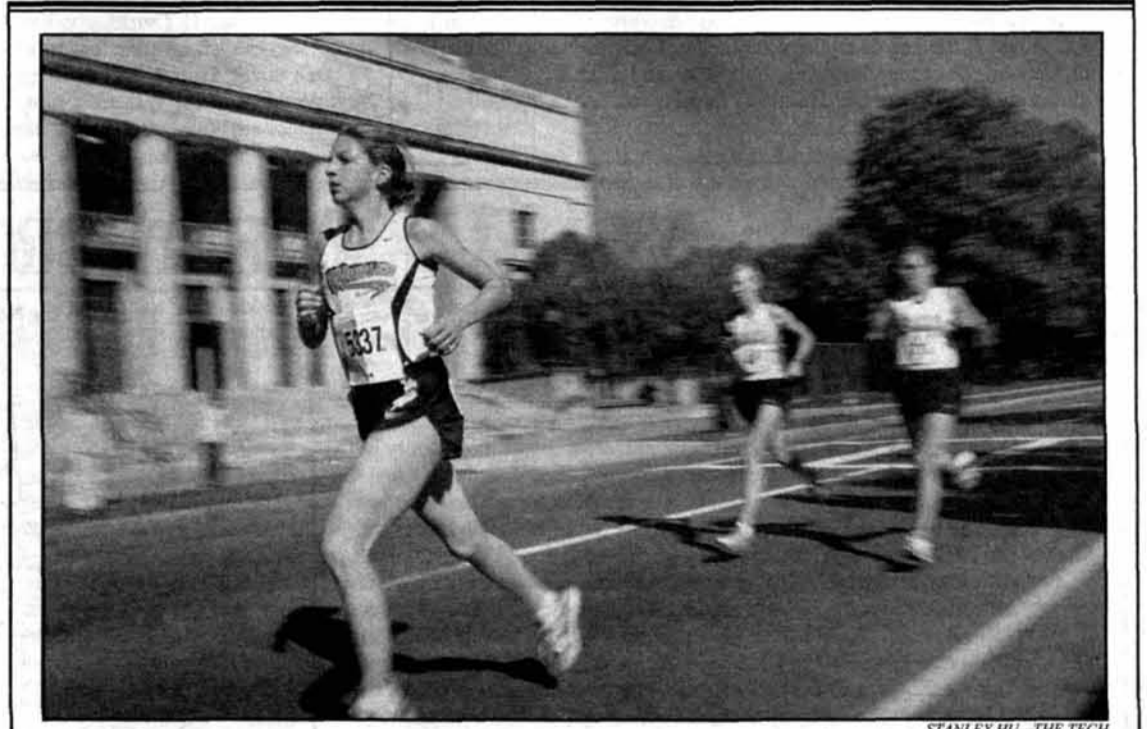
tions, but most of the events are free," she said.

There are many events planned for the weekend, including open classes, museum visits, tours of MIT and Boston, lectures, and arts programs. Many departments and living groups will also be hosting receptions.

### Departments sponsor programs

Fifteen of the 24 academic departments will be receiving interested parents with a range of programs including lectures, videos, and

Families, Page 21



STANLEY HU—THE TECH

Runners make their way past Walker Memorial in Monday's Tufts Health Plan 10K for Women. Over 5,000 runners participated in the annual race.



Sadoway discusses life and chemistry.

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### OPINION

Ken Nesmith comments on campus aesthetics.

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# WORLD & NATION

## Six Palestinians Die in Gaza Clash

THE WASHINGTON POST

RAFAH, GAZA STRIP

After coming under fire from Palestinian gunmen, Israeli soldiers fired a tank cannon and heavy machine guns into the Rafah Refugee Camp Thursday, killing at least six Palestinians, wounding 45, and damaging shops, houses and a school, according to Palestinian witnesses, doctors and U.N. officials.

The attack, whose victims included a woman, 70, and two teenagers, raised the Palestinian death toll from Israeli missiles, gunfire and tank assaults to at least 65 in the last 10 weeks in the Gaza Strip, where Israeli forces have concentrated attacks recently in a drive against the Islamic Resistance Movement, or Hamas.

The Israeli military spokesman, Lt. Col. Olivier Rafowicz, expressed regret that civilians were hurt, but said the Israeli soldiers opened fire on the refugee camp after Palestinian gunmen shot at soldiers and engineers attempting to construct a new observation tower on the edge of the camp, which lies near the Gaza Strip's southern border with Egypt.

Witnesses said soldiers in a 660-ton Merkava main battle tank fired its cannon into the camp three times, first hitting a small grocery shop, then smashing through the walls of a home and finally firing into a group of residents as they tried to rescue neighbors from their burning home. Soldiers also sprayed bullets from the tanks' heavy-caliber machine guns into the camp, residents said.

## Top Enron Trader Pleads Guilty To Conspiracy in California Energy

THE WASHINGTON POST

Enron Corp.'s former chief energy trader pleaded guilty Thursday to conspiring with others at the company to manipulate California electricity prices, the first criminal charges stemming from the power crisis there two years ago.

Timothy Belden, 35, pleaded guilty to one count of conspiracy to commit wire fraud in federal court in San Francisco and agreed to hand over \$2.1 million in salary and bonuses traceable to the alleged scheme. He was released on a \$500,000 bond.

Court papers didn't identify other Enron officials who allegedly joined Belden in the conspiracy and prosecutors declined to pinpoint where they'll focus their attention next. But the energy trading accusations open a second front in multi-agency pursuit of Enron executives.

The company's former chief financial officer, Andrew Fastow, and a deputy, Michael Kopper, have been charged with stealing millions of dollars from the company through complex financial transactions that led to its bankruptcy last December.

## Pakistani Troops Withdraw From Border

LOS ANGELES TIMES

ISLAMABAD

Following India's step back from the brink, Pakistan announced Thursday it will begin withdrawing several hundred thousand troops from front-line positions on the two nations' border.

But even as the months-long military standoff eased, Indian security forces claimed they killed five suspected guerrillas slipping into Indian-controlled Kashmir, a bloody reminder that the 55-year dispute over that region is far from over.

Pakistan's announcement that it will withdraw its troops to "peacetime locations" followed India's statement Wednesday that it would start a phased pullback of forces from the border. Pakistani President Pervez Musharraf met with top commanders and the withdrawal to begin Monday, a military source said.

Both countries said they will keep their troops dug in along the Line of Control, the 460-mile-long cease-fire line in disputed Kashmir drawn at the end of their 1971 war. The line is still the scene of frequent, and often deadly, clashes between Indian forces and separatist guerrillas in the Indian state of Jammu and Kashmir.

# North Korea Nuke Program Caught By U.S. Intelligence

By Joby Warrick

THE WASHINGTON POST

North Korea's surprise admission of a secret nuclear program was prompted by a U.S. intelligence discovery that the isolated state was trying to acquire large amounts of high-strength aluminum, a metal used in gas-centrifuge plants for enriching uranium for a bomb, weapons experts and officials familiar with the finding said Thursday.

The attempted acquisition of the metal helped U.S. analysts conclude that North Korea was constructing a secret uranium-enrichment facility somewhere in the country, which North Korean officials are reported to have then confirmed in talks with a U.S. diplomat earlier this month.

It's not known what progress North Korea has made toward enriching uranium, or which other countries or companies have assisted in the pursuit of uranium-enrichment technology.

"Centrifuges are hard to build,

and North Korea could not have done it without outside help," said David Albright, president of the Washington-based Institute for Science and International Security. Albright, a physicist, has tracked North Korea's nuclear program since the late 1980s and was a weapons inspector for the International Atomic Energy Agency.

Rumors about a secret uranium-enrichment facility have circulated for years, but the discovery of the attempted aluminum procurement was described as the first hard evidence that a program was actually underway. Officials familiar with discovery described the evidence as "convincing," but declined to discuss details, including where the metals originated or how much North Korea has acquired.

Such attempts to procure a specific metal or technology are regarded by nonproliferation specialists as important tip-offs that countries are attempting to build weapons for which they lack the materials and

know-how. Similar purchases have been cited as evidence that Iran and Iraq are also pursuing weapons of mass destruction and ballistic missile technology.

In addition to tracking the aluminum, U.S. intelligence officials had received reports of significant construction activity that appeared related to a uranium-enrichment facility, knowledgeable sources said.

U.S. officials have declined to reveal the location in question. Previously, speculation about enrichment plants had centered on three locations, including a suspected underground facility in Changang province known as Hagap, said Daniel Pinkston, a senior researcher at the Center for Nonproliferation Studies in Monterey, Calif.

Further production of plutonium was banned under a 1994 agreement in which Pyongyang agreed to give up the pursuit of nuclear weapons in exchange for foreign assistance in building civilian nuclear reactors.

# Vatican Opposes U.S. Church's Zero Tolerance Sex Abuse Rule

By Daniel Williams and Alan Cooperman

THE WASHINGTON POST

ROME

The Vatican opposes many of the "zero tolerance" rules that U.S. bishops fashioned in an effort to quickly remove priests who are accused of sexually abusing minors, Vatican officials said Thursday. The rules need revision to achieve "harmonization" with church law and practices, one official said.

While the Holy See strongly supports firm action against sexual misconduct, officials said, it is concerned that the bishops' policy might allow priests to fall prey to false accusations and that internal "canon law" about due process was being summarily thrown out.

The Vatican decision was contained in a two-page letter handed by Pope John Paul II Thursday to three top Roman Catholic leaders in the United States: Bishop Wilton Gregory, president of the U.S. Conference of Catholic Bishops, Bishop William

Skylstad, the conference's vice president, and Monsignor William Fay, secretary general.

In legal terms, the church hierarchy withheld "recognitio," a Vatican seal of approval. Instead, the Vatican is suggesting a joint commission to bring the rules into line with church law, according to another church official.

The Vatican is not rejecting the entire American effort, officials said, and is taking pains to show sympathy for the difficulties of the bishops and the plight of victims, parishioners and priests.

Full details of the decision were not released. Gregory is scheduled to hold a news conference in Rome on Friday.

Reports of Vatican concerns had been circulating for weeks. But at the same time, some people at the Holy See predicted that the U.S. bishops would be allowed to continue to carry out their policies on an experimental basis. It is unclear now whether such experimentation can proceed, and

which of the new regulations will remain in force.

Since January, a pedophilia scandal has rocked the U.S. church, the wealthiest in the Catholic world. Enraged victims and parishioners called for action and criticized some bishops for transferring abusers from parish to parish and making secret out-of-court settlements with victims.

In June, American bishops adopted a zero tolerance policy during a meeting in Dallas and said they were putting it into effect immediately, pending Vatican review. Intended to speed up and tighten existing rules, the policy requires the permanent removal from active ministry — though not necessarily from the priesthood — of any priest who has ever sexually abused a minor. In addition, bishops must report allegations of abuse to the police and are barred from making secret settlements.

The participants in the Dallas meeting had hoped for rapid Vatican approval.

# WEATHER

## Some Seasonal Statistics

By Nikki Privé

STAFF METEOROLOGIST

High pressure building over New England today will keep skies clear, but temperatures will remain a bit chilly for the season with highs only in the mid 50s F. A fast-moving low pressure system will push through Canada tomorrow, trailing clouds and showers into the Boston area on Saturday afternoon. The system should clear out quickly, with drier conditions on Sunday and Monday.

Although October got off to a warm start, temperatures for the past week have been relatively cool — the average high temperature for mid-October is in the low 60s F (17°C). With the rapidly shortening day length, the average high temperature in Boston drops quickly during October and November, falling one degree F every 2-3 days. The average daily snowfall becomes measurable the first week of November, but the earliest measurable snowfall occurred on Oct. 10, 1979. The latest first snowfall of the winter occurred on Dec. 16, 1973, with the earliest trace of snow on July 10, 1955!

### Extended Forecast

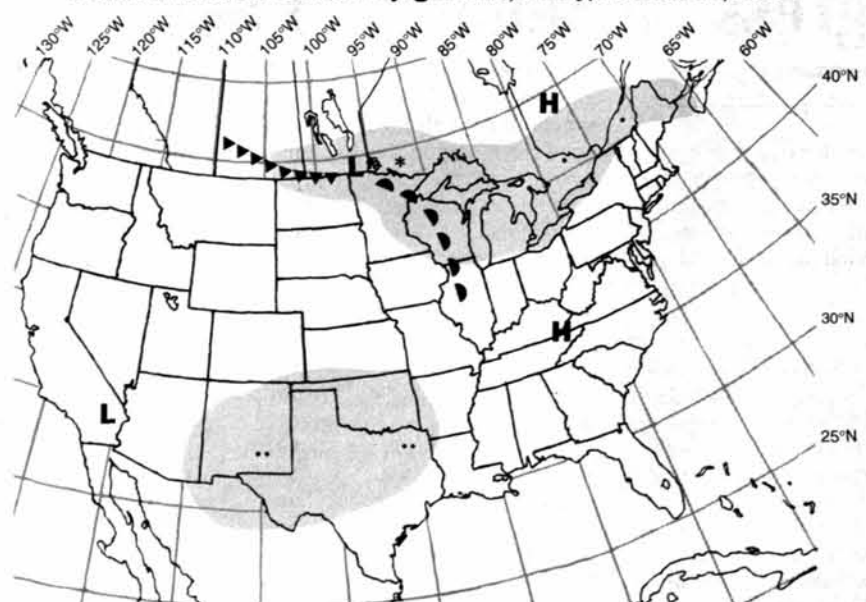
**Today:** Sunny, high near 55°F (13°C).

**Tonight:** Clear and chilly, lows in the low 40s F (6°C).

**Saturday:** Cloudy with rain developing, windy, highs around 58°F (14°C). Rain tapering off after midnight, low near 40°F (5°C).

**Sunday and Monday:** Partly cloudy, highs in the mid 50's (13°C), lows around 40°F (5°C).

Situation for Noon Eastern Daylight Time, Friday, October 18, 2002



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
<b>H</b> High Pressure	--- Trough	☁ Showers	☁ Fog
<b>L</b> Low Pressure	—•— Warm Front	☔ Light	⚡ Thunderstorm
<b>S</b> Hurricane	▲▲▲ Cold Front	☂ Moderate	☁ Haze
	—•— Stationary Front	☃ Heavy	
			Compiled by MIT Meteorology Staff and The Tech

# CIA Director Suggests al-Qaida May be Ready to Strike Again

By Dana Priest  
and Susan Schmidt  
THE WASHINGTON POST

WASHINGTON

The recent series of terrorist attacks abroad signals a dramatic escalation of the threat al-Qaida currently poses to United States, a danger level similar to the period just before the Sept. 11 attacks, CIA director George Tenet told Congress Thursday.

"The threat environment we find ourselves in today is as bad as it was last summer," Tenet told the Joint House-Senate panel examining the performance of U.S. intelligence agencies before the attacks on New York and Washington. "They are reconstituted. They are coming after us. They are planning in multi-theaters. They are planning to strike the homeland again."

The CIA director said he had met with Homeland Security Director Tom Ridge Thursday and will meet with him again Friday, adding that administration officials have "taken action in sectors we're most con-

cerned about."

Other intelligence officials said analysts who have followed the string of terror attacks over the last two weeks in Yemen, Kuwait and Bali said they are particularly concerned about strikes on oil shipments from the Middle East and on targets in the United States described only as "economic."

The threat information has often proved real, even when details such as time or location are not known. Earlier this month a French oil tanker was attacked off the coast of Yemen by terrorists believed to be part of al-Qaida. U.S. officials learned from interviews with Muhammad al-Darbi, an al-Qaida member captured in Yemen in August, that a Yemen cell was planning an attack on a Western oil tanker, sources said.

Similarly, in late September, U.S. intelligence officials learned of a communication from leaders of the South Asian terrorist group Jemaah Islamiyyah directing followers to attack Western targets, including tourist sites such as Bali, government

sources said.

As was the case in the months before the Sept. 11 attacks, when Tenet tried urgently to alert administration officials to an imminent, if unspecified, threat, the director of central intelligence said Thursday that he did not know the dates, times or places likely to be struck in the future.

Despite the heightened concern about the threat, the administration has so far decided that the information is too generalized to raise the nation's alert status from its current yellow or "elevated" risk level to orange or "high" risk, officials said Thursday night.

The FBI sent out an alert to law enforcement agencies eight days ago warning of a heightened risk of attack after the release of separate communications purportedly from al-Qaida leader Osama bin Laden and his second in command, Ayman Zawahiri. The warning also followed the shooting of a U.S. Marine in Kuwait and the attack on the oil tanker off Yemen.

# Witness to Recent Sniper Attack Gave False Testimony, Police Say

By Stephen Braun  
and Jonathan Peterson  
LOS ANGELES TIMES

ROCKVILLE, MD.

A witness' account of a sniper suspect in a cream-colored van, which touched off a furious dragnet late Monday involving police helicopters and roadblocks in two states, has been thrown out, law enforcement officials said Thursday.

The latest frustration in the sniper case underscored the scant evidence police have been able to assemble, despite more than two weeks of shootings that have terrorized the Washington, D.C., region, leaving nine dead and two wounded.

Investigators Thursday remained unable to complete a composite drawing of a suspect or even the getaway vehicle used in the most recent shooting, in Falls Church, Va., based on available information. Police also cast doubt on reports that a dark-skinned gunman fled the scene in Northern Virginia Monday night, an account that was provided by the discredited witness.

Still, they maintained that any damage to the investigation has been minimal. "I hope that this has not set back the investigation," Montgomery County Police Chief Charles Moose said. "Reports of the

van were inaccurate, reports of an olive-skinned person were inaccurate."

The witness, whom police declined to identify, emerged soon after the shooting of Linda Franklin outside a Home Depot store Monday night.

Just minutes after the first Fairfax County, Va., officers arrived at the open-air parking structure where Franklin had been hit, police began taking action based on the witness' account that an "olive-skinned" man driving a "cream-colored" van with a silver ladder rack on top and a burned-out taillight on its left rear side had fled the scene. The witness also told police he had seen the gunman wield an AK-74, an assault rifle of Russian origin.

Based on that initial report, Fairfax police broadcast an alert for the suspect vehicle and driver over their departmental radio channels. Information also moved by teletype to police departments throughout the region. Police raced into position on major interstate highways, bridges and other roads, all in search of the cream-colored van.

"One of the alerts did come from this," Fairfax spokeswoman Lt. Amy Lubas said Thursday. At the same time, she added, the erroneous

lookout was one of a number of "bulletins and alerts sent all over the place that night" by police officers fed accounts by witnesses at the Home Depot and on the roads nearby. "Did it cripple the investigation? No," Lubas said.

Reports of a white van, possibly a Chevy Astro or Ford Econoline, remain of intense interest in the case, and task force officials have previously released composite drawings of such vehicles, based on witness accounts from a shooting in Spotsylvania County, Va. Police also have released a composite picture of a white box truck reported by witnesses near crime scenes in Montgomery County.

Dozens of light-colored vans were halted on Virginia and Maryland highways after the shooting Monday night, and dark-skinned drivers were detained — in some cases, at gunpoint — by police before they were released.

Police said Thursday they were still uncertain whether the witness had purposely given a false report or was overcome by the emotion of the moment. But Lubas said Fairfax police were suspicious enough of the man's motives to launch "a secondary, separate investigation" into his actions.

# Heated Congressional Debate Kills Progress on Homeland Security Bill

By Nick Anderson  
LOS ANGELES TIMES

WASHINGTON

Once considered almost unstoppable, a sweeping proposal to reshape the federal government to help fend off terrorism has lost its aura of inevitability and could die this year amid partisan warfare in Congress.

On Thursday, senior Senate Democrats and Republicans again clashed publicly over remaining disputes in legislation that would create a department of homeland security.

The continuing impasse centers on labor and personnel issues within the proposed agency, with Republicans wanting more power for management and Democrats wanting to preserve union rights.

As a result, a bill once embraced by Republican and Democratic congressional leaders is stuck in limbo, more than six weeks after the Senate began to debate it and more than four months after President Bush proposed it.

The bill would shift all or part of 22 federal agencies into one Cabinet superagency with roughly 170,000 employees, responsible for, among many functions, securing airports, seaports and borders. Backers say the reorganization, which would be the most significant since the modern Defense Department was launched more than 50 years ago, would help focus the government's now-splintered response to threats exposed after the Sept. 11 terrorist attacks.

But with little more than two weeks left before the Nov. 5 elections and Republicans and Democrats fighting for control of Congress, chances are fading that the Senate will pass the bill before the vote.

Some advocates hold out hope for passage in a lame-duck session, but that too is iffy. Further talks on a possible compromise still are likely to prove difficult. And both parties will be looking ahead to the start of the next Congress in January.

Finger-pointing has begun already on Capitol Hill. Lawmakers are anxious to dodge blame for failing to act on homeland security after last year's terrorist attacks awakened the public to vulnerabilities.

In the House, which passed its version of a homeland security bill in late July, 295-132, Republican leaders taunted their Senate counterparts for failing to do the same. "Al-Qaida doesn't have a Senate," said House Majority Leader Dick Army (R-Texas).

Within the Senate, each party accuses the other of stifling compromise.

But most Democrats, joined by a breakaway Republican, Sen. Lincoln Chafee of Rhode Island, have lined up behind an alternative. It would force the president to make certain findings about the terror-fighting role of employees within the department before he could use his national security authority to dissolve collective bargaining agreements.

# Irish Public Prepares for Second Vote on EU Enlargement

THE WASHINGTON POST

Ireland's political establishment is waging a high-powered campaign to persuade voters to approve hundreds of pages of international legalese, otherwise known as the Treaty of Nice, that would open the European Union to a vast expansion into Eastern Europe and the Mediterranean.

The yes camp for Saturday's vote, which includes Ireland's largest political parties, says the EU's planned expansion — to 400 million people in 25 nations by 2004 — is now up to voters in tiny Ireland, population 4 million. Ireland is the only one of the 15 EU nations whose laws didn't allow simply putting the Treaty of Nice to a parliamentary vote. Because its passage here means amending the constitution, the vote must be put to the people.

This is the second time Irish voters have been asked to vote on the treaty, known simply as Nice. They defeated it in June 2001, a result that no one in official Dublin had expected. Polls just days before had predicted victory. That defeat was "a wake-up call," Eamon O Cuiv, minister for rural, community and family affairs, said during a debate late last month.

Opponents say the measure would threaten Irish neutrality, promote militarism and reduce the influence of Ireland and other small EU member states. Moreover, they say, its defeat won't halt EU expansion.

# Autism Sweeping California, Study Says

LOS ANGELES TIMES

An explosion in autism cases in California over the past 15 years is not the result of changes in diagnostic criteria or an improvement in diagnosis, but represents a real epidemic that is sweeping the state, according to a major new study sent to the state legislature on Thursday.

The number of people with autism being served by the California Department of Developmental Services surged by 273 percent from 1987 to 1998 — and is growing by about nine cases per day. That increase cannot be explained away by better data, immigration to the state or any other simple rationale, the report said.

Experts believe the epidemic is affecting the rest of the country — and most industrialized nations — as well, but California is a bellwether because it is the only state for which good data are presently available.

"Autism is on the rise in the state and we still do not know why," said Dr. Robert S. Byrd of the University of California, Davis' MIND Institute, the primary author of the report. "The results of this study are, without a doubt, sobering. They increase the urgency of trying to find an answer about what causes autism."

Experts said the report should quell the controversy over whether the epidemic is real.

# Indonesia Names Muslim Cleric A Suspect in Church Bombings

LOS ANGELES TIMES

Muslim cleric Abu Bakar Bashir, accused by neighboring countries of heading a regional terrorist group, was named by Indonesian police Thursday as a suspect in a series of church bombings and ordered to appear for questioning.

The move appears to be the first step in a crackdown on suspected terrorists in Indonesia following a weekend car bombing on the resort island of Bali, which killed more than 180 people, mostly young foreigners.

President Megawati Sukarnoputri, who has been under pressure from the United States for months to take action against alleged terrorists, said Thursday she will issue an emergency decree enabling police to hold terror suspects without trial.

The order could trigger the immediate arrest of Islamic militants, including Bashir, who have been linked to terrorist activities by authorities in other countries but are living freely in Indonesia.

Megawati is expected to sign the decree Friday, and Bashir has been ordered to report to police on Saturday. He denies any role in terrorist acts.

"To combat terrorism, the government needs a legal base," the president told reporters. "So the government is going to issue a (decree) soon."

# Microsoft Sees Sales, Profits Grow

LOS ANGELES TIMES

Microsoft Corp. profit more than doubled in the fiscal first quarter as the biggest software firm forced large customers to accept unpopular and more costly multiyear licensing deals or risk paying even more for the future products.

The Redmond, Wash., maker of Windows computer operating systems, Office productivity software and programs to run servers, e-mail and databases said earnings rose to \$2.73 billion, or 50 cents a share, from \$1.28 billion, or 23 cents, a year earlier. Sales jumped 26 percent to a record \$7.75 billion.

Without a \$291 million charge for impaired investments, the company would have reported 55 cents a share in the three months ended Sept. 30, well above the company's earlier prediction of 42 or 43 cents.

"This truly was an exceptional quarter," said Microsoft Chief Financial Officer John Connors. "We saw broader customer adoption of our licensing programs than we anticipated."

Microsoft's stock rose 36 cents to \$50.77 in regular Nasdaq trading, then shot up to \$53.14 in after-hours trading after the earnings report. The stock has held more of its value than other technology shares as Microsoft leverages its Windows monopoly in new areas.

Analysts said Microsoft was benefiting from unparalleled clout, execution and comparatively inexpensive offering as it gets a bigger share of companies' declining technology spending.

"In about the worst information technology environment in memory, Microsoft has just powered right through — and they're only getting stronger," said Bank of America Securities analyst Robert Austrian.

# OPINION



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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$43.00 per year. Third Class by The Tech, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139. Third Class postage paid at Boston, Mass. Permit No. 1. POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 97029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1341, editorial, (617) 258-8329, business, (617) 258-8226, ftcamlife.



Dear United Nations,  
Weapons inspectors may return  
to Iraq unconditionally.\*

Sincerely,

*Saddam*

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## Letters To The Editor

### Elon's Suggestions For Peace in Palestine

The fantasyland fog of Palestinian Awareness Week finally lifted this Sunday evening, when Israeli Knesset Member Benny Elon addressed the MIT community. Elon presented a compelling and creative solution to the Israeli-Palestinian conflict. He powerfully cut through the rhetoric of Sharon and Bush to reveal the insurmountable difficulties involved in carving out a quasi-state-entity within a sovereign nation, and laid out a practical vision for Palestinian economic prosperity and social reform. Although Elon's solution may not be perfect, it is representative of the kind of courageous and bold thinking necessary to create peace and opportunity in a land weary of constant bloodshed.

Ian Jacobi '06

Israeli Knesset-member Benny Elon supports giving the Palestinians a completely sovereign and territorially contiguous state approximately three times the size of the state of Israel, in which the Palestinians would be, and indeed are already, the majority.

For this, he has been called a "Nazi" and been accused of desiring "ethnic cleansing" by those who bill themselves as supporters of the Palestinian cause. Why is such vitriol heaped upon Mr. Elon's head? Because the state he proposes giving to the Palestinians is Jordan.

Of course, Mr. Elon is hardly the first person to suggest this idea. The state of Jordan came into being when the British decided to partition the mandate into a prospective Jewish state between the Jordan River and the Mediterranean Sea, and a Palestinian state east of the Jordan River. The Arabs rejected this plan, demanding all the land on both sides of the River. They repeatedly waged war to get all the land, but lost every time.

The miserable conditions in which they and their descendants live now is a consequence of their having been defeated. In the interests of finally having a real peace, howev-

er, Mr. Elon has proposed reviving the old partition plan and at long last having two states for two peoples. This solution is not perfect; the Palestinians living in the refugee camps would have to resolve to settle in Jordan and build new lives there. This would mean giving up their irredentist hopes and reconciling themselves to the existence of the Jewish state.

In exchange, they would have self-determination and independence in a viable state. That may not be a perfect ending to the story, but it may very well be the best available, for all concerned.

Richard Kraus G

### The Safety of Amtrak

The recent article "Planes, Trains, and Chinatown Buses" [Oct. 4] claims that "doubts about safety" have plagued Amtrak's Acela service. However, nothing could be further from the truth. In spite of recent budgetary problems and mechanical glitches with new equipment, Amtrak's Northeast Corridor remains by far the safest mode of transportation between Boston and New York. Ever since the fatal 1987 collision at Gunpowder River, Maryland, all Northeast Corridor trains — Amtrak, commuter, and freight — have been equipped with an Automatic Train Control system which immediately applies the brakes if any train attempts to pass a restrictive signal.

This system eliminates operator error as a possible cause of high speed collisions and provides a level of safety not available with highways or aviation. As a result, Amtrak has provided over 20 billion passenger-miles of travel on the Northeast Corridor since 1987 without a single passenger fatality. In contrast, one would expect about 15 fatalities over the same distance if traveling by air shuttle, and about 300 fatalities if traveling by car.

The article is also mistaken in its claims that "Congress is pressuring new Amtrak president David Gunn to make the service profitable." To the contrary, recent bills sug-

gest that Congress is finally beginning to realize that inter-city rail, like highways and airports, requires significant government subsidies in order to remain economically viable. If the Northeast Corridor ever receives its fair share of capital funding, it could be faster than the air shuttle and almost as cheap as the bus.

Although Amtrak's current "low fare" Acela Regional service (\$54 w/Student Advantage or \$58 w/AAA card) is slightly slower than the air shuttle door-to-door and somewhat more expensive than Greyhound, I personally prefer it because it provides something that neither the air shuttle nor the bus can deliver: productive time. It is virtually impossible to work on a problem set while sitting on the tarmac at Logan or crammed into a Greyhound seat, but on Amtrak it's no problem. However, since the MIT workload is so light, I am sure that this is not a consideration for most students.

Michael Anderson G

### Keep Sanctions Against Iraq

Janis Sermulins contends in last Friday's column ["Unreasonable Sanctions"] that Iraq is not a threat to civilians in America. On this point she is right, but I believe she misunderstands the situation and the people of Iraq.

I have become convinced that Saddam Hussein is a problem to global security. Saddam Hussein sees himself as the first in a long line of pan-Arabian rulers. If sanctions are lifted, Saddam's regime will see a large influx of money. He will use these to build the only weapons capable of countering the American military. With America out of the way, he will quickly resume the task of creating his Arabian empire. The consequences would be dire. Imagine if the USSR had had over half of the proven oil reserves in the world.

The question faced by the U.S. government is not "should we fight," but rather "when should we fight."

Shawn Tsosie '03

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# Campus Conditions

Ken Nesmith

Now that dark nights, wet days, and cold everything reminds us that we're well into the school year, we students will spend more time both indoors and on campus, a most unfortunate combination. Everyone complains about the campus, and of course, it deserves the attacks.

I think the best adjective to describe the MIT campus is "industrial strength." (Old column reference #1: I once described the campus appearance as the product of a bad case of architectural diarrhea. I stand by that description, but no less believe this comparison to chemical cleanser is warranted.) It's fairly large and unwieldy, and doesn't have attractive packaging. Its innards are shamelessly exposed: pipes run along hallway ceilings, and tubs of chemicals litter corridors — the combined effect invokes the image of a plain white bottle marked with a few danger signs and labeled "DETERGENT" and maybe some chemical percentage numbers, rather than superfluous descriptions using words arranged to convey meaning (sentences) describing the product — sort of like our course, class, and building numbers.

As with a strong industrial cleaning solvent, using it burns like hell and may destroy the object to be cleaned/educated, but it's infinitely more effective than those wussy off-the-shelf, lemon scented handsoaps that pass for other colleges and universities. Pour on a good dollop of MIT, give it a good scrub, and you can bet from those bleary eyed students, thought-cleansed students will come out shiny and new, or fatally injured. Like some chemicals, its products may cause extensive environmental or societal damage as well, but we probably won't notice until it's too late and our kids have cancer from persistent organic pollutants or we don't speak to another human in the course of a day thanks to the new Web.

A few recent additions to the campus warrant new review. The Z-center wins first place, hands down. It's a full-fledged fitness center with little to complain about. Everyone loves it. It even looks cool, and in the tradition of athletic facilities, people refer to it with words instead of numbers. It only loses points for necessitat-

ing an extra student life fee of \$200. This money, taken from the hands of students and/or their parents, both runs the center and pays for food for people who like diversity or other administration-sanctioned student activities, some of which reportedly do not consist of thinly veiled free meals.

The student center additions come in second place. Although they're really just renovations, they're still great. The dining and lounge space in the formerly vacant front hall works well, and the new restaurants seem to be fine, if a bit expensive.

Allowing LaVerde's to accept the MIT card is another positive development. I still don't understand why it took so long to make that happen, or why it isn't immediately implemented in other local businesses.

There's no need for a high transaction cost on the card, and setting up the payment system should be as smooth and easy as the smoothies at Alpine Bagel. Subcontracting to a major credit card company like Visa or Mastercard to run a basic debit card system enabled at local businesses might even work best, as they clearly have an easy time achieving success in widely variant market conditions. There's no excuse for this deficiency. Most likely, some obscure office is making a bit of money of the current bad, stagnant system (Web access is available only as of this year), and changing it would step on the wrong toes.

This silliness is reminiscent of Technology Licensing Office absurdities. Get this — see the MIT logo on your brass rat? When you buy the rat, your class ring, the most immediately tangible mark of your MIT education and a nearly universal symbol of pride in the MIT student and alumni community, you pay a proportional fee to the Technology Licensing Office — for using the logo of the school you attend. We are the reason this school exists; we comprise its student body, and give it its purpose of education and research — yet we pay a licensing office to use the name of our school, on our class ring. Absurd.

But I digress, a lot. Back to the campus review. So far we have the fantastic Z-Center and the pretty-cool student center, and now we arrive at the bottom of the fruit barrel, where we find the bruised and worm-ridden remains of

this year's selection. Here lies the worst monstrosity ever to invite incessant bombing but receive habitation instead, Simmons. It's a disaster. Have you looked at the thing? It boggles the mind that we paid money to build this beast. It houses about 350 undergrads, doesn't include modern innovations like air conditioning, and is nothing short of repulsive. Small windows, custom cut for maximum expense and pre-designed with limited opening capabilities to prevent suicides, dot a rotting gray facade patched with primary-colored panels that look terrible.

Why did this happen? Why can't we have nice things? Incidentally, the dorm cost over \$70 million to build, and tuition is now \$28,030. In this year's campus review, Simmons finishes dead last, though Frank Gehry's messy new computer center, arriving next year, should challenge its title as the worst thing to be built, ever. When *The Onion* begins openly mocking the architect building your campus, as they did last week of Gehry, it's not a good sign. (Old column reference #2: I once compared the appearance of the new computer center to that of a discarded scrap heap, not meaning it as a compliment. A few months later, in an interview in *Esquire* about the center, Gehry noted he was going for the "discarded scrap" look. I guess he meant to do that, then.)

The wretched new dorm is bad enough, but MIT's decision to restrict freshmen freedom by forcing them to live on campus, regardless of their desire to live elsewhere, perhaps in buildings that don't induce either nausea or involuntary twitches, adds insult to injury. The decision is a bad one. It is immoral in its needless restriction of freedom, insulting in its imposition of a parent-child relationship between MIT and its undergraduates, and destructive in its artificial attempt to forcibly build community at the cost of thriving fraternal communities, still suffering the long hangover of a drunken administration decision to put all freshmen on campus without choice to leave. Admittedly, the threat of an infamous lawsuit, settled instead by extortion and this haphazard solution, forced MIT's hand to some degree. No less, they're disappointingly complicit in the affair.

The new housing system and the ongoing homogenization of the MIT community, though, is a rant for another day — this is enough ranting for a long time. But lose no hope! Good spirits will win the day, if I only focus on the positive — I'll go workout at the Z-Center, have a delicious smoothie or perhaps a crepe at Stratton, and then go home to Boston to a beautiful house that's not a sponge.

# A Potential Middle East Solution

Guest Column

Maxim Shusteff and Jake Solomon

This past Sunday, MIT Students for Israel hosted Israeli Knesset Member Benny Elon for a special lecture on the situation in the Middle East. For those of us in the organization, the open-mindedness and diversity of the audience and the unfettered question and answer session following the lecture epitomized the true realization of the academic spirit at MIT. We felt proud of the academic community here for providing us an environment free of the threats and intimidation that have beleaguered pro-Israel students at other universities in North America, most recently at Concordia in Montreal.

About a month ago, we first heard that Elon would be traveling through Boston. Our first reaction was to jump to take advantage of this unique opportunity for MIT students to hear directly from an active participant in the politics of the Middle East. However, as time went on, members of MIT Students for Israel raised various fears and objections. Should we be afraid to sponsor such a controversial speaker? Would there be unruly protests?

Many members of MIT Students for Israel don't personally agree with Elon's political platform. Would we be misrepresenting ourselves and the Israeli and Jewish community at MIT as a whole? In the end, we agreed that no matter what he might say, Elon would present an honest, well-reasoned perspective that would lead his audience to a better understanding of the challenges that the peoples of the Middle East presently face. We were not disappointed.

Elon opened his speech by analyzing what caused the degeneration of the Oslo Accords into the current Intifada. He suggested that the Oslo Accords failed because the negotiators chose to procrastinate with endless interim agreements, rather than face the difficult issues.

One such issue is the return of the Palestinian refugees, which, as Elon pointed out, no serious Israeli politician can ever agree to, since it would negate the definition of Israel as a Jewish state and eradicate its fundamental raison

d'être. However, simply expecting the issue to disappear without being addressed was a catastrophic shortfall of the Oslo framework.

Another key issue that most Israeli politicians have failed to seriously consider is the stability and viability of a Palestinian state in the West Bank and Gaza. Any such state would likely never satisfy the Palestinians. It would necessarily completely depend on Israel for almost every natural resource, as well as have its economy inseparably tied to Israel's.

The lack of territorial contiguity between Gaza and the two sections of the West Bank would forever hamper this state's integrity. Also, it would be simply suicidal for Israel to consent to the military independence of a hostile state several minutes drive from every major Israeli population center. In short, in a state in the West Bank and Gaza, Palestinian statehood would be compromised from the very beginning, and Palestinians would never be able to properly exercise true national self-determination in peace with Israel.

Acknowledging that his ideas might go against current notions of political correctness, but stressing the need for independent, creative, and honest thinking in order to deal with the unique challenges in the region, Elon then outlined an approach to a solution.

First, he pointed out that, following World War I, the British Mandate of Palestine included present day Israel, the West Bank, Gaza and Jordan. This original territory was first divided some years later, in 1922, when the British handed about three-quarters of historic Palestine (everything east of the Jordan River) to King Abdullah, great-grandfather of present-day Jordanian King Abdullah, creating the modern-day Hashemite State of Jordan. To this day, the vast majority of Jordan's citizens — about 70 percent — consider themselves Palestinians.

About 860,000 Jewish refugees came to Israel from Arab lands starting in 1947. Elon noted that, given a viable home to move to and the opportunity for national self-determination, these refugees did not cultivate the desire to return to the Arab lands where they had lived in most cases for nearly 2,000 years, despite all the

possessions and property they had left behind. In contrast, the approximately 600,000 Arab refugees who left Israel in the same time period for the surrounding Arab lands remain in refugee camps to this day, intentionally unabsorbed by the local Arab governments.

Elon concluded that in a gradual and peaceful way, by consent of all nations involved, negotiators ought to formulate a plan to integrate the Palestinian population in the refugee camps with the Palestinian population in Jordan to form a viable nation capable of self-determination with the necessary territorial integrity for independence. To begin, doing this successfully with even a single refugee community would set a precedent and demonstrate the feasibility of the idea. Elon suggested re-channeling U.S. aid money in the Middle East toward this new "Marshall Plan" to settle Palestinian refugees in Jordan and build them real homes and real lives.

Elon presented his plan not as one that would please every individual affected by it, but as one that would constructively seek a regional political resolution to what he sees at the major problem in Israel. The idea of physically separating two intertwined peoples in bitter conflict opposes some entrenched notions of political conventional wisdom, but the idea's potential to stop bloodshed and achieve a peaceable settlement was amply demonstrated by the population exchange between Turkey and Greece in the 1920s, in which nearly two million people on both sides were relocated, and for which Dr. Fridtjof Nansen won the 1922 Nobel Peace Prize. The plan's results today are peaceful diplomatic relations free of violent conflict, and Elon suggested that a similar approach could do the same for the Israelis and Palestinians.

Whether the plan is feasible or desirable was left up to the listener to decide. As was clear from the question period after the talk, the range of responses from audience members was extraordinarily broad, but it was plain that everyone present came away given something to think about by Elon's reasoned analysis of the situation and the conclusions he drew.

Maxim Shusteff G and Jake Solomon G are members of MIT Students for Israel.

# Too Much To Risk

Andrew C. Thomas

After hearing of devastation in paradise, I wonder at how lucky I am. The bombings of nightclubs on the resort island of Bali have shocked the world from their senselessness. One living in this brave new world should be less surprised that such incidents could happen.

This summer I traveled to Bali as a leader of the Canadian delegation to the International Physics Olympiad, a competition for bright high school students from all over the world. The event serves not only as a test of knowledge and intelligence for roughly 300 young physicists, but as a place where scientists of all ages and backgrounds come to meet each other. The spirit of cooperation is astonishing. For example, there were several language barriers, but all were overcome with a community effort.

The competition was originally to be held at the technological institute of Bandung, a city east of Jakarta on the island of Java. But post-Sept. 11 fears caused the organizers to move the competition to Nusa Dua, a comparatively expensive tourist resort on the island of Bali. The venue change was aided and sponsored by the Indonesian government, knowing that a large international event would help the country's profile as a global presence. Thus the competition was saved, and of previously participating countries, all but the U.S. team attended.

During the entirety of the trip, we were told how safe Bali was. This was largely due, as our tour guides explained, to the overwhelming proportion of Hindu-practicing residents of Bali, about 95 percent. The presence of the Hindu religion, they continued, meant that due to their belief in reincarnation, the people of the island were morally repelled from crime, because what goes around would eventually come around as karmic retribution. In other words, fear of conventional crime was extremely low, because incidence of such crime was also low.

Of course, I can think of no one who would call a terrorist bombing a conventional crime. But still over 180 people are dead and many more are injured. Preliminary investigations suggest that al Qaida is directly connected to the bombing, a fact that President Bush has trumped up in an effort to keep up support for the aging war on terror. As an international organization, it is free to move across borders and have its members frequently blend with the local population. There goes the karma theory.

But how could anyone not see this coming? Bali is a jewel in Indonesia's financial crown. It represents an immense source of revenue for the country of over 200 million. In addition, it is the only major island in the archipelago that is not predominantly Muslim. Immediately this suggests it as a target by any Muslim radicals, which Indonesia is known to host. These two reasons alone make Bali an extremely inviting target for a terrorist attack against either West-erners or the moderate secular government.

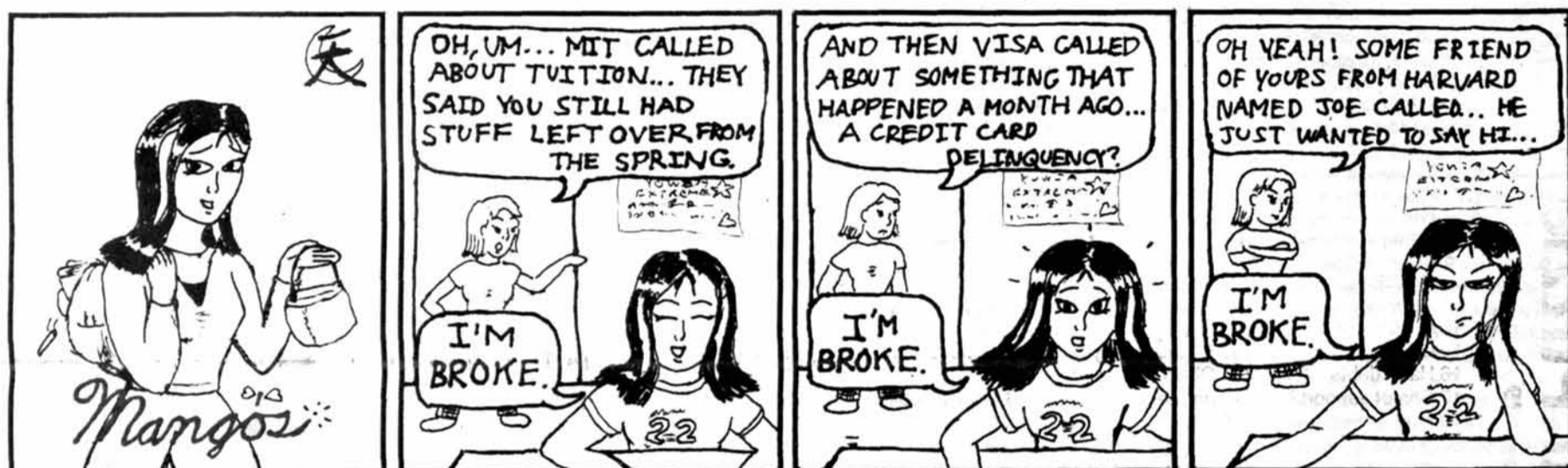
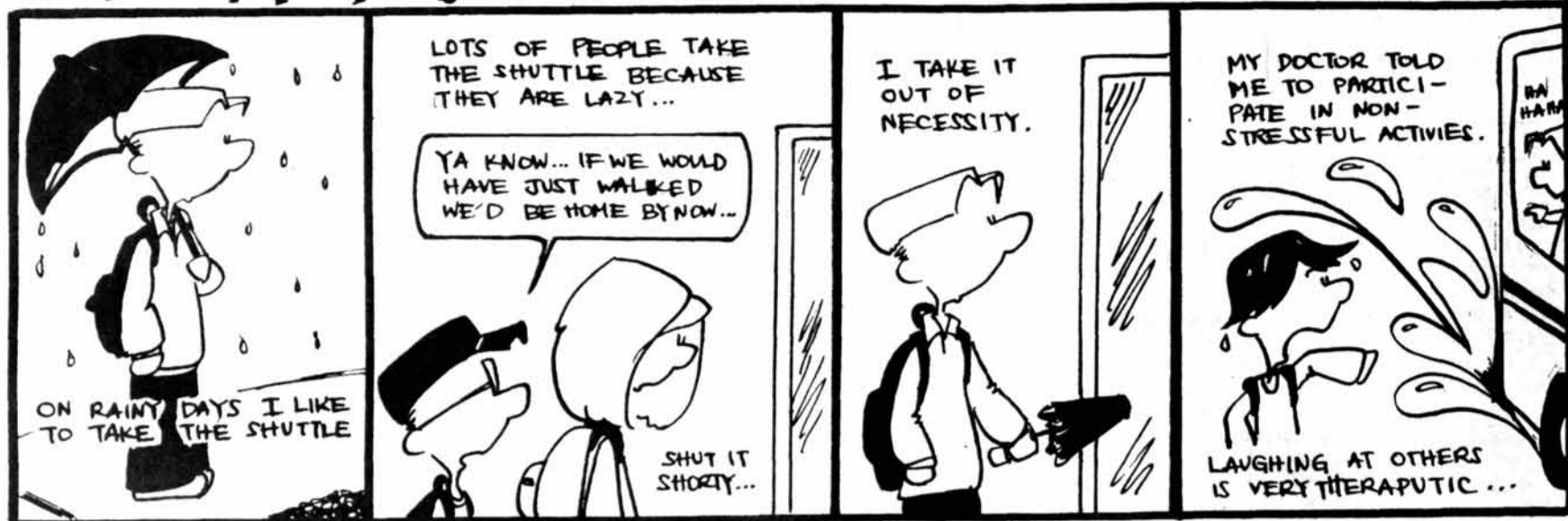
President Megawati Sukarnoputri, who is herself part Balinese, has been slow to address the operation of terrorist groups in Indonesia. News reports suggest this hesitation results from fear of insulting the large Muslim moderate. Logic suggests that she is short-sighted, interested in keeping Bali's tourist industry thriving by limiting fears of any possible attacks. Openly acknowledging fear of terrorism in Bali would immediately lead to a downturn in tourism. In this way, Megawati has gambled and lost. The tourism loss in Bali is already being felt economically across Indonesia.

So the question remains: Why did this happen? The majority of tourists to Bali are Australian, not American. In fact, at first estimates only three Americans seem to have been involved, the bulk of the victims being Australian, British or German. One could suppose that residents of these countries would have less to fear from anti-American terrorist groups.

But the evidence suggests that in particular, the actions of al Qaida are not directed at Americans, but those who are simply "against them." No one is spared, and Americans are certainly not being singled out. This battle is about a way of life, not nationality. Americans make a tempting label, but a dangerous one.

As a Canadian I shared in the arrogance of my fellow physicists in presuming that it was safe for me to travel to Bali, aside from food poisoning or the Balinese equivalent of Montezuma's Revenge. I was lucky that I didn't pay for that attitude. If a group of angry, militant people want to create panic, an assembly of people from many countries, including students, makes a perfect target. My heart cries out for the victims and their families. It is my hope that the senseless deaths of these vacationers are the last for a long time, and that no more countries will play brinkmanship with their visitors' lives.

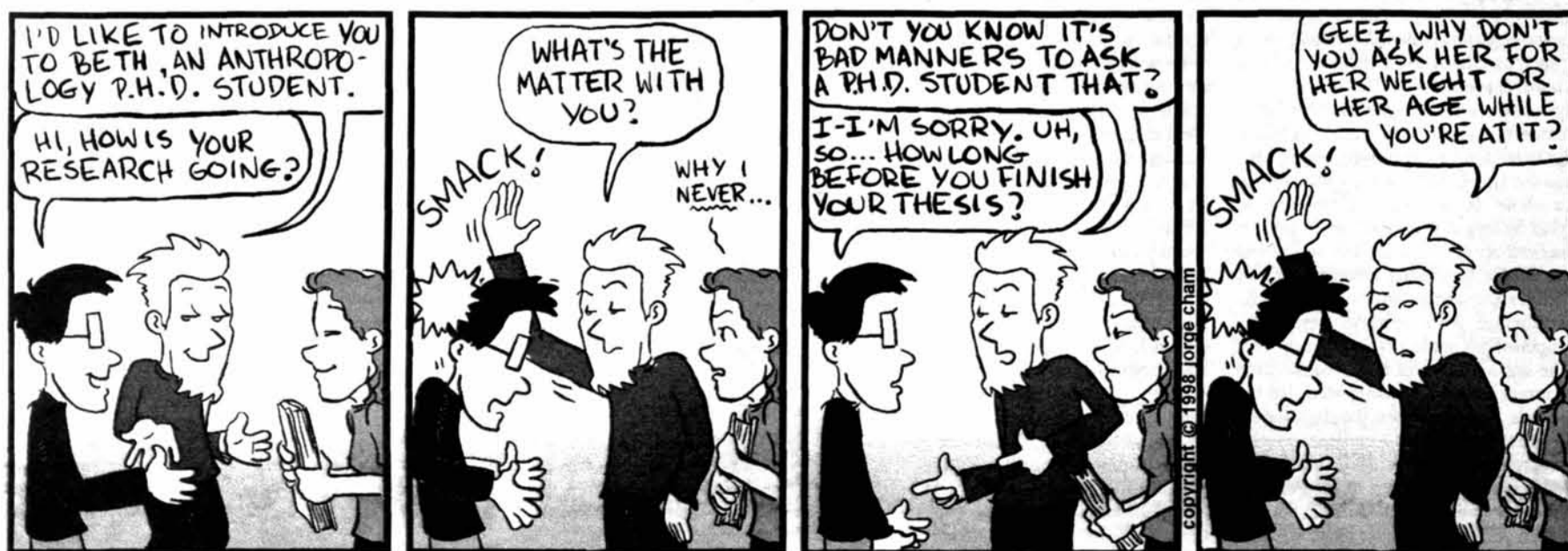
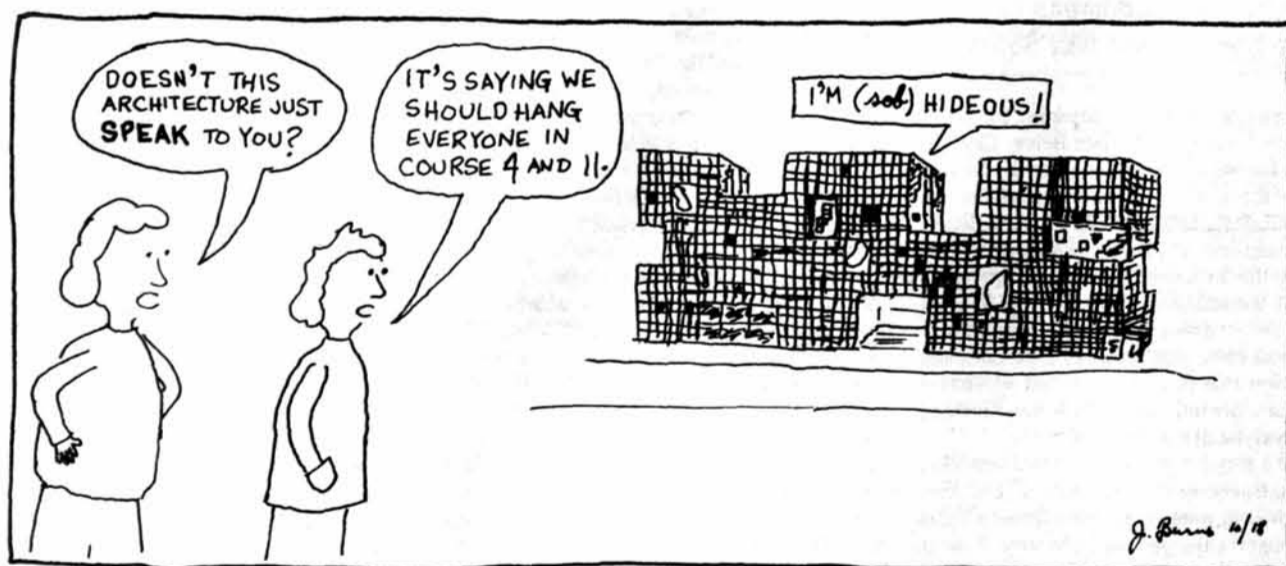
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## Filler Space

“A doctor can bury his mistakes, but an architect can only advise his clients to plant vines.”

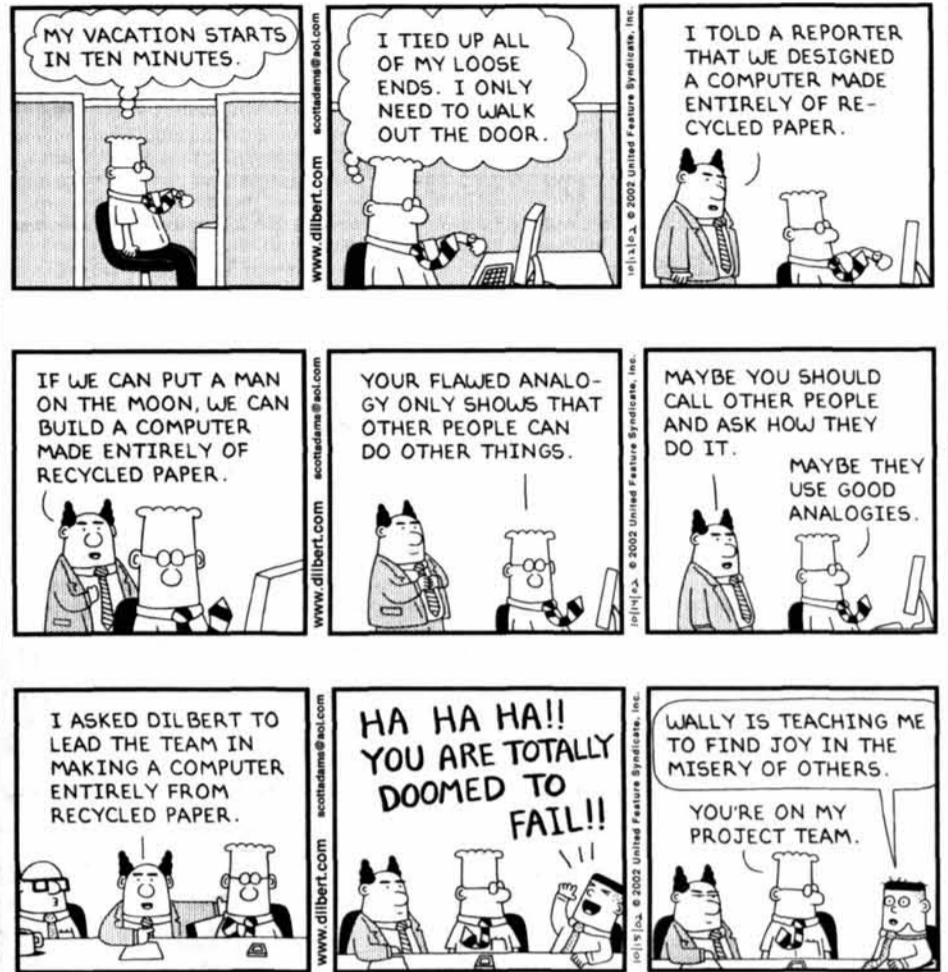
Frank Lloyd Wright  
1868-1959



# FoxTrot by Bill Amend



# Dilbert by Scott Adams



## Crossword Puzzle

Solution, page 29

### ACROSS

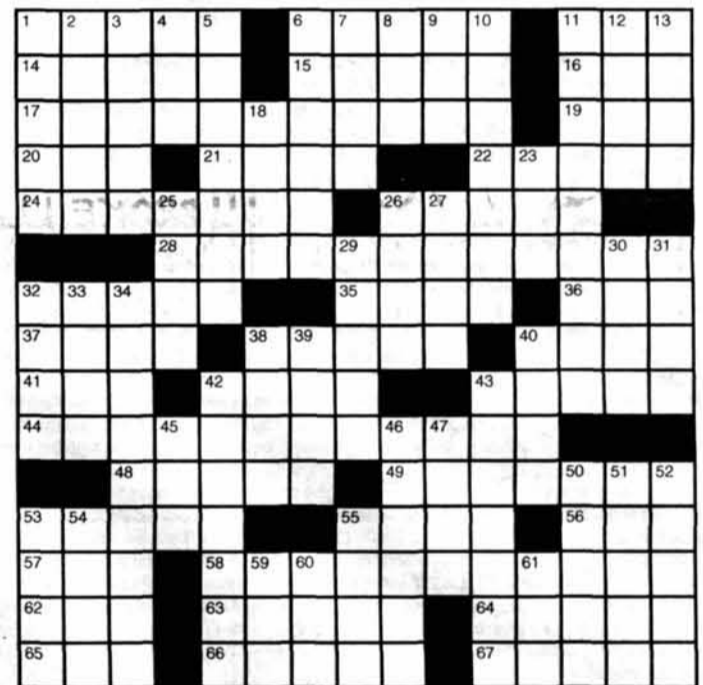
- 1 Small antelope
- 6 Guitar stroke
- 11 Combustion residue
- 14 Cretan port
- 15 Untrue!
- 16 Have debts
- 17 Chalet support?
- 19 Scot's negative
- 20 "Malcolm X" director
- 21 A-F connection
- 22 Correct
- 24 Ornate wardrobe
- 26 Nova Scotia strait
- 28 Risky driving maneuvers?
- 32 Handles roughly
- 35 \_\_\_ St. Vincent Millay
- 36 Followers of Davis Love?
- 37 Early Christian

### DOWN

- 38 "The Absinthe Drinker" painter
- 40 Dancer Pavlova
- 41 Recent: pref.
- 42 List of choices
- 43 Anaheim player
- 44 Obscene garment?
- 48 Rib
- 49 Opposed to
- 53 Pale and smooth
- 55 Support
- 56 Devoured
- 57 Broadcast
- 58 Invasion meal?
- 62 Vitamin fig.
- 63 \_\_\_ nous
- 64 Cleave in two
- 65 Remuneration
- 66 Poe bird
- 67 Beginning

### DOWN

- 1 Florida city
- 2 Olympic runner Johnson
- 3 Against a thing, in law
- 4 Actress Arthur
- 5 Satiric poems
- 6 Dodger Duke
- 7 Director Hooper
- 8 AAA suggestion
- 9 NAFTA participant
- 10 Impetuses
- 11 Excellent gasket?
- 12 Cob or pen
- 13 Listen to
- 18 Creamy shade
- 23 East Lansing sch.
- 25 Norway capital
- 26 Yield
- 27 "Travels with My \_\_\_"
- 29 Stopover on the way to Mercury
- 30 Square of three
- 31 Continental crust
- 32 Tailless feline
- 33 Part of 9D
- 34 Submarine picture?
- 38 Rx items
- 39 Poker fee
- 40 Not in favor of
- 42 Ramble
- 43 Plains tribe
- 45 Golf gadget
- 46 Listen
- 47 "Prince \_\_\_"
- 50 Talons
- 51 Potbelly, e.g.
- 52 Dogma
- 53 Distort
- 54 Verdi work
- 55 Bonfire heap
- 59 Recombinant letters
- 60 Off-road letters
- 61 Author Amy



# Down the Hatchet

## Spreading the Love

By Akshay Patil

COLUMNIST

Happiness in a jar — that's what it is. My diet and health have been on a steady decline since I bought the stuff. It sits on my dresser and mocks me. It knows I can't resist. It knows it owns me. It told me "Do not refrigerate" — so I don't refrigerate it. I am a slave to its powers. Buying a jar of Nutella can really wreak havoc on your life. Suddenly toast for breakfast, lunch, and dinner doesn't sound so bad. You find that a whole lot of things in life go with Nutella: bread, fruit, ice cream, pancakes, eggs, tuna fish... the list is endless. I still remember the first time I had Nutella many years ago. It was the summer of 1990 and I was in Germany visiting family. One day, for breakfast, I found myself offered toast and a small jar filled with this brown stuff. Certainly not butter, not jam; one's options in brown aren't terribly tantalizing. That's when it was revealed to me that this was *chocolate*. Chocolate I could put on my bread and have for breakfast. And this was acceptable! I knew I had found my life's calling: eating Nutella on anything and everything imaginable. Sadly enough, Nutella in the United States

wasn't as hot a commodity as it was in Germany. (Nooo, Americans don't like Nutella, they "can't believe it's not butter" instead. Pan-sies.) So I was Nutella-less for many years. It was an exotic substance. The Indian spices of Europe. Then came the American invasion. Well, it wasn't *really* an invasion... more like an infestation. But not a bad infestation—a good infestation. Kinda like those useful bacteria things that live inside of you? You know... the ones that break down those chemicals that your digestive system can't? Now that's good stuff. Anyways, getting back on track. Even when Nutella started finding its way into common grocery stores, I resisted the urge. Oh, it swelled deep within me. How tempting it was to shell out a few dollars to have some Midas magic — and all that I touched became covered in chocolate. I would spend hours in the "condiments" aisle... looking but not touching. Me and the mop guy got to be good friends. It was torture; but it was for my own good. I knew that once I gave in to the cravings within me there would be no end to my waistline. I was good for so long until one day, thinking "oh, it'll be harmless," I bought myself a jar. That's when my food pyramid broke down. I'm a chocoholic, what can I say? My four

basic food groups are brownie, chocolate chip cookie, chocolate cake, and Nutella. I have nightmares where the last thing I see before I wake up is darkness with blazing letters spelling out "got milk?" Oh yeah, and I got the whole chocolate milk thing covered, don't worry. Don't fool yourself. It really is an addiction. I never realized it until my roommate walked in on me snorting powdered chocolate. I tried to go clean; I still don't touch the hard stuff, (dark chocolate is a bit strong for me,) but my resistance to milk chocolate is non-existent. The withdrawal symptoms aren't pretty either — a bag of M&Ms can be the difference between life and death. When I start to get the shivers, I've learned that popping a few can save me a lot of grief and bodily damage. And no, Skittles do NOT work; come on, get with the program here. It's dangerous stuff, this orgasmic chocolate-and-hazelnut spread. You laugh as you recklessly slap it on your breakfast rolls and fish, but be wary. Heed my warning and don't get caught up in the vicious cycle of chocolate, milk, and chocolate. By the time you awake from your sugar-induced coma, your life will be in ruins and your furry fish covered in Nutella. It's not pretty and let me tell ya, the stuff will just not wash off.

Age 7, 1982



Age 18, 1993



Elizabeth Suto.

Killed by a drunk driver on February 27, 1994, on Bell Blvd. in Cedar Park, Texas.

If you don't stop your friend from driving drunk, who will? Do whatever it takes.

**FRIENDS DON'T LET FRIENDS DRIVE DRUNK.**

U.S. Department of Transportation

This space donated by The Tech

# Events Calendar

Visit and add events to Events Calendar online at <http://events.mit.edu>

Friday, October 18

**8:00 a.m. - 12:00 a.m. - Family Weekend 2002.** Sponsor: Parents Association, MIT Alumni Association.  
**9:00 a.m. - 5:00 p.m. - Physical Education Lottery.** Registration for PE courses. MIT Athletics Card required for registration. Please note that lottery closes at 1pm on October 24th, free. Room: W32-125. Sponsor: Physical Education.

**9:30 a.m. - 5:30 p.m. - From Embryology to Evo-Devo.** Dibner Institute Conference. free. Room: E56-100. Sponsor: Dibner Institute.

**10:00 a.m. - Admissions Information Session.** Admissions Office Information Session gathers at the Admissions Reception Center (10-100). Enter MIT at the main entrance, Lobby 7, 77 Massachusetts Ave. (domed building with tall pillars). Proceed down the center corridor to Room 10-100 on the right. Following the Admissions Information Session is a Student Led Campus Tour which begins in Lobby 7 (main entrance lobby) Groups over 15 people need to make special reservations. free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**10:45 a.m. - Campus Tour.** Student Led Campus Tours are approximately 90 minutes long and provide a general overview of the main campus. Please note that campus tours do not visit laboratories, living groups or buildings under construction. Groups over 15 people need to make special reservations. Campus tours start at the conclusion of the Admissions Information Session. The Campus Tour begins in Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave.). free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave.). Sponsor: Information Center.

**12:00 p.m. - 1:00 p.m. - Word 2002 Demo.** See Office XP's upgraded features to Word 2002. Learn how the user interface has changed and how the addition of Task Panes and Smart Tags impacts the user's experience of word processing. New features such as non-contiguous selection, an expanded Clipboard, a new drawing layer, a new Media Gallery enhancing clip-art collection and organization, changes to Mail Merge and document collaboration, and handwriting and voice recognition features will be demonstrated. Room: N42 Demo. Sponsor: Information Systems.

**12:00 p.m. - 1:00 p.m. - ACDL Seminar.** "Managing Risk and Uncertainty in the Early Stages of Design: A Preliminary Investigation." free. Room: 33-206. Sponsor: AeroAstro.

**1:00 p.m. - 5:00 p.m. - EASE Cultural Expo: An African Marketplace.** Name your own price on authentic African art!

Choose from a variety of African delicacies! And you'll be helping to keep a child in Africa in school. free. Room: La Sala de Puerto Rico. Sponsor: African Students Association. EASE - Expediting Access to Standard Education.

**1:00 p.m. - 2:30 p.m. - Introduction to Benefit-Cost Analysis for Environmental Policy.** Professor James K. Hammitt Harvard School of Public Health. Room: MIT Bldg. 54-915. Sponsor: Mexico City Project, MIT-Harvard Seminar Series on Environmental Management.

**1:30 p.m. - 3:30 p.m. - For Graduate Students: Creating an Effective CV.** This workshop is intended for PhDs seeking an academic career. Learn the fundamentals of creating an effective CV. Get a faculty member's perspective on how to request references. If a workshop section is full, please check back as there may be cancellations. Important: Please bring 3 copies of your CV or draft for a peer critiquing exercise. Go to <http://mit.edu/career/www/gradworkshops.html>. Choose workshop title. free. Sponsor: OCSA, Writing and Communication Center.

**2:00 p.m. - Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**2:45 p.m. - Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave.). Sponsor: Information Center.

**3:00 p.m. - 4:00 p.m. - Chemical Engineering Dept. Fall Seminar Series. Control of Sheet and Film Processes.** free. Room: 66-110. Sponsor: Chemical Engineering.

**3:00 p.m. - 5:00 p.m. - The Politics and Work of Motherhood.** Part of the Politics and Technology of Motherhood Lecture Series. free. Room: E51-345. Sponsor: Women's Studies Program, Technology and Culture Forum, MIT Medical, Workplace Center.

**3:00 p.m. - 4:00 p.m. - Differential Processing of Vestibular Sensory Information during Passive and Self-Generated Head Motion.** Special Man Vehicle Laboratory Seminar featuring guest speaker from Aerospace Medical Research Unit, Department of Physiology, McGill University, Montreal, Canada. free. Room: 37-187. Sponsor: AeroAstro, Man Vehicle Laboratory.

**4:00 p.m. - 5:00 p.m. - PSFC Seminar.** "Resistive Wall Modes and Error Field Amplification." free. Room: NW17-218. Sponsor: Plasma Science and Fusion Center.

**4:00 p.m. - 5:00 p.m. - Aero/Astro Family Weekend Reception.** A reception in honor of families of Aero/Astro students. The reception will be preceded by a lab tour from 3-4 PM. free. Room: Room 33-206. Sponsor: AeroAstro, Alumni/ae Association.

**4:15 p.m. - 5:15 p.m. - How many Strings Graphs are there?** Refreshments will be served at 3:30 PM in Room 2-349. free. Room: Room 2-338. Sponsor: Combinatorics Seminar, Department of Mathematics.

**5:00 p.m. - Women's Crew Frosh Extravaganza.** free. Room: Charles River. Sponsor: Department of Athletics.

**5:00 p.m. - Field Hockey vs. Smith College.** free. Room: Jack Bary Turf. Sponsor: Department of Athletics.

**5:00 p.m. - IAP Research Mentor Program - Mentor Applications Due.** Mentor applications for IRMP due by 5pm. free. Sponsor: UROP.

**5:30 p.m. - 9:00 p.m. - After the Beginning and Before the End: Opening Event.** Please join us for the opening event of "After the Beginning and Before the End", on October 18 at 5:30pm. The event starts out with the panel discussion, titled "On considering 'Instruction Drawings' as permanent records of the evanescent origins of creative thought, followed by a reception. The show illuminates the nature of art by focusing on the creative processes — from the initial moment of inspiration to the final composition — of a broad selection of works by celebrated artists from the early 1930s to the present. It includes over 220 examples of "Instruction Drawings." Artists are Vito Acconci, Elenor Antin, Louise Bourgeois, Pablo Picasso, Alexander Calder, Andrew Goldsworthy, Sol LeWitt, Piet Mondrian, Diego Rivera, Carolee Schneemann, and many others. The works are from the collection of Gilbert and Lila Silverman. free. Room: E15, List Visual Arts Center. Sponsor: List Visual Arts Center.

**6:00 p.m. - 8:00 p.m. - spouses&partners@mit: Halloween Potluck Party.** Everyone is encouraged to come in costume. Spouses and children are welcome. Bring a dish to share (8 servings of meat, vegetable, salad, or dessert). Sponsored by spouses&partners@mit and the MIT Japanese Wives Group. free. Room: Lobdell Dining Room. Sponsor: spouses&partners@mit, MIT Medical.

**7:00 p.m. - 12:30 a.m. - MIT Anime Club showing: Vandread; Now and Then, Here and There; Hellsing.** Watch a selection of new and classic animation from Japan, as well as take advantage of our extensive library of Japanese animation. Tonight: Vandread (the war of the sexes meets an alien invasion) and Now and Then, Here and There (a dystopian look at life in a world gone mad [NOTE: Mature Content]); Hellsing 1-3 (life among the Vampire Hunters [NOTE: Mature Content]). free. Room: 6-120. Sponsor: Anime Club, MIT.

**7:00 p.m. - Scooby-doo.** Our familiar friends from the classic TV series are back! The gang is tricked into reuniting after a break up a year earlier. They meet on a tropical island, where they must battle a mysterious force that turns ordinary teenagers into orderly, polite, and very dangerous drones for an unknown evil cause. Stars Sarah Michelle Gellar (Buffy the Vampire Slayer), Freddie Prinze Jr., Matthew Lillard, and Linda Cardellini, with Rowan Atkinson.

Rated PG for some rude humor, language and some scary action. \$3.00. Room: 26-100. Sponsor: LSC.

**8:00 p.m. - MIT Family Weekend Concert.** MIT Wind Ensemble and Festival Jazz Ensemble, Frederick Harris, music director. "Wind Ensemble Music from Around the World." An evening of music from around the globe featuring "Old Home Days" by Charles Ives, "English Folk Song Suite" by Ralph Vaughn Williams, "Variations on a Korean Folk Song" by J.B. Chance, and "Armenian Dances" by Alfred Reed. free. Room: Kresge Auditorium. Sponsor: Music and Theater Arts Section.

**8:00 p.m. - 10:00 p.m. - "Fireworks" aka "Hana-bi."** HTC Film Series; Film directed by and starring Takeshi Kitano, Japan, 1998, 103 mins Detective Nishi is bitter when he learns that his wife Miyuki is terminally ill and his partner Horibe was shot and now tied to a wheelchair. Horibe wants to become a painter, but doesn't have money for that. To help him and a young police widow whose husband was shot dead during an arrest, he borrows money from yakuza. After that he buys an old car, paints it as a police car, and, dressed in uniform, singlehandedly robs a bank. With the money he goes on a final farewell journey together with his wife. free. Room: 7-431. Sponsor: History, Theory and Criticism of Architecture and Art.

**10:00 p.m. - Scooby-doo.** Rated PG for some rude humor, language and some scary action. \$3.00. Room: 26-100. Sponsor: LSC.

Saturday, October 19

**8:00 a.m. - 12:00 a.m. - Family Weekend 2002.** Sponsor: Parents Association, MIT Alumni Association.  
**9:00 a.m. - 5:00 p.m. - Physical Education Lottery.** free. Room: W32-125. Sponsor: Physical Education.  
**9:30 a.m. - 5:00 p.m. - From Embryology to Evo-Devo.** Dibner Institute Conference. free. Room: E56-100. Sponsor: Dibner Institute.

**10:00 a.m. - Men's Soccer vs. Babson College.** free. Room: Steinbrenner Stadium. Sponsor: Department of Athletics.

**11:00 a.m. - Women's Volleyball vs. Caltech & Plymouth State College.** free. Room: duPont Gym. Sponsor: Department of Athletics.

**12:00 p.m. - Women's Crew Head of the Charles.** free. Room: Charles River. Sponsor: Department of Athletics.

**1:30 p.m. - Football vs. UMass Dartmouth.** free. Room: Steinbrenner Stadium. Sponsor: Department of Athletics.

**2:00 p.m. - Lightweight Crew Head of the Charles.** free. Room: Charles River. Sponsor: Department of Athletics.

**7:00 p.m. - Nine Queens.** Two swindlers team up with family and fellow criminals to steal a set of extremely valuable and rare stamps. Social engineering

and confusion ensue, as it becomes unclear who's really conning whom. Spanish with subtitles. Rated R for language. \$3.00. Room: 26-100. Sponsor: LSC.

**7:00 p.m. - Indigenous Rights and Land Reforms in Guatemala: Will Foreign Investors Approve?** Our speaker, Alfredo Ché, will discuss the work he and others have done to demilitarize Guatemalan society; to bring about land reform; to guarantee the rights of workers; and to build a model for sustainable development that includes respect for human rights. He will also tell us about the continuing campaign of political killing in Guatemala: in the last fifteen months alone, 6 indigenous land-rights activists have been murdered. Who are the assassins and what are

Events Calendar 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 Events Calendar web page.

they afraid??. Free. Room: MIT Room 3-133. Sponsor: MIT Western Hemisphere Project.

**7:30 p.m. - 10:45 p.m. - Two Chinese Movie Shows.** Movie 1: Zuo Tian, see description at <http://hcs.harvard.edu/~hcssa/events/movies/zuotian.html>

Movie 2: 25 Ge Hai Zi Yi Ge Die, see description at <http://ent.sina.com.cn/m/c/t/25hz1d.html>. free. Room: 54-100. Sponsor: Chinese Student and Scholar Association.

**8:00 p.m. - MIT Faculty Concert: Inter-ensemble.** Inter-ensemble (from Italy) performs new Italian repertoire and a piece by Prof. Peter Child. Founded in 1983 by composer and pianist Bernardino Beggio, Inter-ensemble is a new music group dedicated to all contemporary music irrespective of style, technique, "school" or ideology. From the outset the group has had a special commitment to experimental, research-driven music, stemming from work that began at Padua Conservatory. free. Room: Killian Hall. Sponsor: Music and Theater Arts Section.

**8:00 p.m. - 11:00 p.m. - Tech Squares Participatory Dance.** MIT's Square and Round Dance Club participatory event with Tom Rinker calling and Barbara Strong cueing. free. Room: Lobdell Dining Hall. Sponsor: Tech Squares.

**8:00 p.m. - Family Weekend A Cappella Concert.** See all seven MIT a cappella groups at MIT's famous GBIS (Greater Boston Invitational Songfest). free. Room: Kresge Auditorium. Sponsor: Chorallaries of MIT.

**10:00 p.m. - Nine Queens.** Rated R for language. \$3.00. Room: 26-100. Sponsor: LSC.

Sunday, October 20

**8:00 a.m. - 12:00 a.m. - Family Weekend 2002.** Sponsor: Parents Association, MIT Alumni Association.

**9:00 a.m. - 2:00 p.m. - MIT Swapfest.** MIT's electronics and ham radio flea will take place on the third Sunday of each month this summer, April thru October. There is tailgate space for over 600 sellers and free, off-street parking for >2000 cars! Buyers admission is \$5 (you get \$1 off if you're lucky enough to have a copy of our ad) and sellers spaces are \$20 for the first and \$15 for each additional at the gate. The flea will be held at the corner of Albany and Main streets in Cambridge; right in the Kendall Square area from 9AM to 2PM, with sellers set-up time starting at 7AM. \$5. Room: Albany Street Garage. Sponsor: Electronic Research Society, MIT, UHF Repeater Assn, W1XM, MIT, MIT Radio Society, Harvard Wireless Club.

**9:00 a.m. - 5:00 p.m. - Physical Education Lottery.** free. Room: W32-125. Sponsor: Physical Education.

**9:30 a.m. - 11:00 a.m. - Buddhist Meditation and Prayers.** Meditation in Buddhist Tradition: sitting and walking meditation followed by chanting. free. Room: Mezzanine Lounge, Student Center. Sponsor: Buddhist Community at MIT.

**2:00 p.m. - 4:30 p.m. - Band Aid: Free Benefit Concert for the ARC.** Come see MIT performers: Resonance, Roadkill Buffet, Dan Katz and Plexis. All donations go the ARC, Advocates for the Rights of People with disabilities. Tell your friends!. free. Room: Little Kresge. Sponsor: MIT Dramashop.

**4:00 p.m. - Scooby-doo.**

Rated PG for some rude humor, language and some scary action. \$3.00. Room: 26-100. Sponsor: LSC.

**5:00 p.m. - 8:00 p.m. - Global Rhythms - A Fusion Concert.** A Miami University-Ohio production featuring 20 member percussion ensemble performing integrated rhythms from Asia, Africa, and South America. The group primarily performs Indian raaga based music, with a heavy emphasis on rhythm, and strives to integrate the music of Asia, Africa and South America. The result is unique, complex, and the "pulse of a new era." For more information about Global Rhythms, visit their website at [www.global-rhythms.com](http://www.global-rhythms.com). \$15 and \$25 for general admission, \$10 MIT students (with ID). Room: Kresge Auditorium (Main). Sponsor: AID-Boston, Graduate Student Council, ASHA-MIT.

**7:00 p.m. - Scooby-doo.**

Rated PG for some rude humor, language and some scary action. 3.00. Room: 26-100. Sponsor: LSC.

**10:00 p.m. - Nine Queens.** Rated R for language. \$3.00. Room: 26-100. Sponsor: LSC.

Monday, October 21

**9:00 a.m. - 5:00 p.m. - Physical Education Lottery.** free. Room: W32-125. Sponsor: Physical Education.

**10:00 a.m. - Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**10:00 a.m. - 12:00 p.m. - Baylor School of Medicine Admissions Presentation.** free. Room: 2-131. Sponsor: OCSA.

**10:45 a.m. - Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave.). Sponsor: Information Center.

**12:00 p.m. - 1:00 p.m. - "Resettlement of the Sudanese 'Lost Boys' from Kakuma Refugee Camp in 17 States of the USA".** Research presentation by recipients of Mellon-MIT Program on NGOs and Forced Migration funding. RSVP required (lunch is provided). free. Room: E38-615. Sponsor: Center for International Studies.

**12:00 p.m. - 1:00 p.m. - Yale School of Public Health Admissions Presentation.** free. Room: 2-131. Sponsor: OCSA.

**12:00 p.m. - 1:30 p.m. - "War With Iraq: Pros and Cons".** A debate sponsored by the CIS Starr Forum at the MIT Center for International Studies, featuring Kenneth M. Pollack of the Brookings Institution, a former Iraq analyst for the CIA and the Clinton Administration's National Security Council, and author of "The Threatening Storm: The Case for Invading Iraq"; MIT Political Science Professor Stephen W. Van Evera, author of "Causes of War: Power and the Roots of Conflict"; and Owen Cote, Jr., Associate Director of the Security Studies Program at CIS and co-editor of the journal International Security. A second CIS Starr Forum on Iraq, "A US Invasion and Occupation of Iraq: Concerns and Scenarios" will be held at the same time and place on Monday, October 28. free. Room: Wong Auditorium (Tang Center, E51). Sponsor: Center for International Studies.

**2:00 p.m. - Admissions Information Session.** free. Room: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

**2:45 p.m. - Campus Tour.** free. Room: Lobby 7 (Main Entrance Lobby at 77 Massachusetts Ave.). Sponsor: Information Center.

**3:00 p.m. - 7:00 p.m. - Rainbow Lounge Open.** MIT's resource lounge for lesbian, bisexual, gay, and transgendered members of the community offers a place to hang out, various activities, and a lending library during its open hours. free. Room: 50-306. Sponsor: lbgt@MIT.

**4:00 p.m. - 5:00 p.m. - CMSE Colloquium.** "Templated Self Assembly: The Role of Nanolithography in the Nanotechnology Revolution." free. Room: 13-2137 (von Hippel Room). Sponsor: Center for Materials Science & Engineering.

**4:00 p.m. - 5:30 p.m. - "TBA",** free. Room: 2-143. Sponsor: Differential Geometry Seminar. Department of Mathematics.

**4:15 p.m. - 5:15 p.m. - Nonlinear Waves in High Bit Rate Communications.** Refreshments will be served at 3:45 PM in Room 2-349. free. Sponsor: Applied Mathematics Colloquium. Department of Mathematics.

**5:00 p.m. - 6:30 p.m. - Falling Light: A History of Light, Space and Human Perception.** free. Room: MIT Room 7-431 (AVT), Dept. of Architecture. Sponsor: Building Technology Program.

**6:30 p.m. - 9:00 p.m. - CEE Phone-A-Thon.** Help out your Department and volunteer for Fundraising Efforts. Dinner will be provided. Room: Bush Room (10-105). Sponsor: Civil and Environmental Engineering.

**7:00 p.m. - 9:00 p.m. - "After Life".** Japanese Film Series. "A diverse group of people arrive at a drafty, antiquated institution where they are offered condolences on their recent death and told they must select a treasured memory which will be recreated on film, and recollected for eternity. Shot in a semi-documentary style, without special effects, "After Life" is possibly the most convincing film ever made on the subject of the hereafter as well as a fascinating commentary on the ink between moves and memory, while its immensely touching, wide-ranging recollections constitute an intimate, informal history of twentieth-century Japan."—New Yorker Films. free. Room: 10-250. Sponsor: MIT Japan Program, Foreign Languages & Literatures.

**9:00 p.m. - 1:00 a.m. - Monday Night Football at The Ear.** Watch the game on The Thirsty Ear's big screen TV every Monday night. Tonight: Indianapolis vs. Pittsburgh. Hours: Monday: 9 p.m. - 1 a.m. Tuesday - Thursday: 7 p.m. - 1 a.m. Friday: 4 p.m. - 1 a.m. The Thirsty Ear Pub is located in the basement of Ashdown House. Enter through the courtyard. Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.

## Smoking Q-Tips

By Michael Short

COLUMNIST

*Warning: This trick uses acids and bases. Wear all appropriate safety equipment when using this stuff — goggles, gloves, shoes... for God's sake stay safe! I don't want to get sued!*



Materials:

2 Q-Tips  
Hydrochloric Acid  
Household Ammonia

What to do:

You can get the ammonia at LaVerde's Market, and the acid can be found in hardware stores under the name "Muriatic Acid" (used for cleaning bricks, masonry and such). Dip one Q-tip in ammonia, and one in the acid. Touch them together and "smoke" should appear!

# THE ARTS

## EAT THIS

### The Tao of Soup

#### How to Make a Gourmet Pot of Soup

By Winnie Yang  
STAFF WRITER

This is the first in a series of columns dedicated to bringing the pleasures of good eating to a table (or Athena cluster) near you. Along with a smattering of reviews, there will be some gastronomic exploration of Boston- and Cambridge-area neighborhoods; experiments in cooking, eating, and drinking; and sundry other food-related tidbits. While the author would like this column to serve the broadest possible public, this space will, at times, better service those equipped with cooking facilities or those without an aversion to food that, at one time, had a face. Bottom-line: You eat every day. Why not enjoy every bite?

It's that time of year again. Time to break out the down parka and put away the board shorts. The leaves are just about to turn, offering their annual brilliant fall finery. And the equally dazzling constellation of heirloom tomatoes on display in the produce section is quickly dwindling down to piles of bland and insipid imported beefsteaks. (But I guess if you're stuck with Star Market, that's pretty much all you've ever had to work with anyway.)

This time is when the sun becomes more elusive and the wind more bullying; the last traces of your summer tan disappear altogether, leaving you looking as if you're a 6.111 student. Whether you're trying to chase off a premature winter chill or the inevitable sniffles, there's nothing better now than a big bowl of steaming hot soup. And really, there's nothing easier — and more satisfying — to make yourself.

"But" you might protest, "who has the time? Who has the pots and the patience?" Relax. The total time commitment on your part here is minimal — maybe thirty minutes, max. The soup takes care of itself after that, though you should remember that it will be best eaten after an hour or two of simmering on the stove. You just need to prepare a little ahead of time, which might require a trip to the grocery store.

Soup is really nothing more than a flavored liquid. There are many cooks who insist on using stock as the flavoring agent, but there's really no need to go through the lengthy process of making (and reducing and then reducing again) stock.

#### The Skinny on Stocks

Stock is, however, a very fundamental part of cooking (especially the kind systematized and set forth by this French guy, Escoffier, about a century ago in his *Le Guide Culinaire*). Stocks are made by simmering meaty bones and vegetables in a liquid to draw out all the flavor and nutrients. The enhanced liquid is then used to make everything from sauces to braises to stews and is especially excellent as a cooking medium. It's no surprise, then, that stocks are known as the *fonds de cuisine* (foundations of cooking).

The problem with stocks lies in the time-consuming processes of defatting and straining and constantly monitoring the liquid to make sure it doesn't come to a rolling boil, as that can very well ruin the flavor of the stock and anything you subsequently make from the stock.

In any case, we can skip the stock and instead apply the principles of stock preparation to soups, minus all the fuss.

#### Making Soup from Scratch

As with stock, you'll need bones for your soup, and these can be found in any butcher-shop or sizeable meat department. I personally prefer to use pork neckbones, but beef marrow bones and oxtail seem more readily available locally. All have a little bit of meat that will lend the resulting soup a richer, more robust flavor. About two baseball-sized portions will suffice and will last a good week in the refrigerator. And they'll be cheap, to boot.

I try to keep a supply of carrots, celery stalks, and onions around, as they're useful for flavoring all kinds of dishes, especially soups. You'll need about one or two of each for the soup. Salt and pepper are also key, and I prefer to use kosher or sea salt (I'll explain why in a future column).

Soup, Page 11

## TELEVISION REVIEW

### X-Men: Evolution, Third Season

#### X-pertly Done

By Fred Choi  
STAFF WRITER

X-Men: Evolution, Third Season  
Showing on Fox  
Saturdays, 11:30 a.m.

Even though I'm more of an obsessed fan than the average person, I think I can objectively say that X-Men Evolution, now in its third season, is proving to be the best incarnation of X-Men yet, although purists may disagree.

There have been several previous adaptations of the X-Men based on the original comics, which began in the 60's but didn't achieve real success until their makeover in the mid-1970's. These included some obscure versions, such as a ridiculous episode of *Spiderman and His Amazing Friends* in the early 80's, which featured the X-Men; a dated one-off cartoon episode for TV in 1989 in which the Canadian X-Man Wolverine had an improbably Australian accent; a long-running animated television series that ran for five seasons, from 1991 to 1996; and a highly successful live-action movie version. The latter has been the most well-known and well-received adaptation thus far, a trilogy directed by Bryan Singer (*The Usual Suspects*) and starring Hugh Jackman, Patrick Stewart, and Halle Berry. The first episode debuted in 2000 and the second is due this coming May.

Given the large body of X-Men mythology that has developed over the years in the sprawling comic book series and its numerous spin-offs, it is perhaps unsurprising that *X-Men Evolution* has liberally adapted and sometimes blatantly ignored the previous material and adaptations.

No doubt in order to ride on the success of the movie and to appeal to the Saturday morning cartoon-watching demographic, boys and girls, the main way the creators of the show have twisted the X-Men lore is by making the majority of the characters high school-aged — and included all of the angst self-identity and raging hormone issues that come with it. Although some may sneer at such a move, they should recall that the original comics featured high schoolers as the core characters. In any case the new series, although at times a little *Saved By the Bell*-ish, has more than proven that this restriction has generally not detracted from the quality of the episodes.

The new incarnation began the first season with a small group of six young mutants: the well-known Cyclops with his optic blast; Jean Grey, who has telepathic and telekinetic abilities; Nightcrawler, who can teleport; Shadowcat, who can "phase" through solid objects; Rogue, who can absorb other people's powers upon physical contact; and a new character, an African-American boy named Spyke, named for the bony projectiles he can throw from his body.

(Side note for the curious: Spyke, perhaps originally influenced by the well-known X-Men character Marrow, seems to have been presented for a short while in a slightly less politically correct form than the *X-Men Evolution* show to the *Mystery Men* comic book spin-off, the re-hauled X-Factor comic (renamed X-Statix), which has featured such memorable team members as "U-Go Girl" and "Doop".)

In *Evolution*, as in the other adaptations, the mutants attend and live in the Xavier Institute (presided by the well-known characters Professor X, Storm, and Wolverine) while they attend the nearby Bayville High, run by the villainess Mystique as "Principal Darkholme." The

cast also includes baddie Magneto and the "Brotherhood," comprised of the familiar villains Toad, Avalanche, Quicksilver, and the Blob.

Structurally, the first two seasons were well-paced, although generally stand-alone and expository. The first few episodes introduced most of the new recruits one by one, and a storyline was carried through the first half of Season One as Rogue's loyalty, at first with Mystique, eventually turned towards the X-Men. The rest of the first season featured unrelated episodes, some of which obviously laid down the basis for future episodes, including storylines involving Mystique's relationship to Nightcrawler, Wolverine's past, and the villain, Juggernaut.

Season Two took a surprise turn as the series introduced nine "new recruits," including Iceman, Boom Boom, Wolfsbane, Berzerker (apparently a character adapted from an obscure comic involving the Morlocks, a group of mutants who live in the city sewers), Multiple, Sunspot, Magma, Cannonball, and Jubilee, most of which were members of X-Factor, a younger group of X-Men in the original comics.

Instead of introducing the new recruits one by one, the second season was almost entirely episodic, and many of the episodes were completely unrelated to the traditional X-Men lore. The well-known X-Men character Beast was an adult added to the Xavier Institute, a man named Robert Kelly replaced Mystique as principal of Bayville High (in the original comics Kelly was a senator who was a key player in the mutant vs. human debates), and the Scarlet Witch was added to the Brotherhood's group, but it was only in the last two episodes of that season that started to be really plot-driven. And what a great difference a good plot makes. The series was always engaging, and with the kidnapping of Wolverine, along with Beast and several of the students, the introduction of the Sentinel, an extremely well-designed robot designed to capture mutants which is much more formidable here than in the original cartoon series, and the disappearance of Professor X, the series took off like a rocket. Having the same two writers, Steve Granat and Cyndie Clark, work on these four crucial episodes certainly didn't hurt either.

There are so many reasons that *X-Men Evolution* succeeds. Although some of the stand-alone episodes are a little less interesting, *Evolution* has done a great job balancing the high school scenes with superhero action. In addition, they know how to bring out the issues of isolation and the desire to "fit in" that have been so inherent in the X-Men stories, along with other issues such as responsibility, jealousy, and self-control with sensitivity and honesty.

The most recent episode was hands-down brilliant, as the students at the Xavier Institute, now exposed as mutants and returning to their high school, have to face open taunts, fear, discrimination, and intimidation for being "muties."

In an extremely clever twist, Nightcrawler, a blue-furred mutant who until he entered the Institute was always persecuted because his physical appearance was impossible to hide, is able to pass as "normal" with the aid of his device which disguises his appearance. The TV footage of the mutants only showed him in his blue-furred form and no one has connected the human-looking student with the blue-furred mutant, so Nightcrawler tries to take advantage of the situation by ignoring his friends and pretending to be "normal."

*Evolution* is at its best when it sets up scenes like this and plays them through expertly without getting self-indulgent. The series' immediately eye-catching animation is clearly influenced by the recent Batman series (with Archie noses) and looks much cleaner than the original series. The original series, although lots of fun with a lot of extra characters and such lines as Storm's "Wind, repel him!" always looked too cluttered, because it included too many shadows and tried to mimic the look of the comic books. The storyboard artists of *Evolution* should also be applauded for the consistently creative style of animation. Likewise, William Anderson's music is consistently ear-catching and well-done.

There are a few changes which will send purists howling in the streets, however. The students generally have abilities more powerful than they ever had in the comics. Since when was Shadowcat able to phase a plane with three other people in it through a mesa? And since when was Jean Grey able to lift up a car, let alone a jet? And everyone knows that Mystique can only transform her appearance, not her body mass, and she certainly can't change into a wolf or a raven that can fly.

In a completely baffling but surprisingly palatable change the playful, flirtatious Southern Rogue has been transformed into a reclusive goth chick (who has a crush on Cyclops no less, probably because the former Wolverine-Jean Grey-Cyclops love triangle would have been too pedophilic here).

It remains to be seen conclusively whether or not this will be a series in which all of the characters stay at high-school ages, although it looks like it may be. Although this would undoubtedly be unfortunate because it would cause the show to feel stagnant and "unrealistic" in the hands of the current director and writers, I have the hope that they'll be able to keep the show as engrossing, entertaining, and sometimes even emotionally engaging as it currently is.



Magma and Iceman show their mutant powers in the TV series *X-Men: Evolution*.

WARNER BROTHERS

## PRODUCT REVIEW

# Timex Speed and Distance System

## American Excess on Your Wrist

By Kailas Narendran

STAFF WRITER

*Ironman Speed + Distance System*

By Timex

\$200

Racing down the Esplanade on my rollerblades, I take the opportunity presented by a gap in traffic to glance at my wrist. I'm wearing the latest tool in America's war on uncertainty, the Timex Ironman Speed + Distance System. As my whirring wheels carry me past joggers and walkers, the solid, round form of my watch smiles back at me with the date and time.

With the press of the small orange button on the side of the watch, it is transformed into the most advanced, compact, athletic speed and distance measurement system available today. As I'm moving, the GPS receiver unit on my arm is transmitting velocity and position information to the watch via a wireless FM link. I take pause to reflect on the fact that the same technology that helps guide American munitions to destroy evildoers around the world is giving me a ridiculously accurate measure of my aerobic workout for the day. Is this just American excess in its purest form? You be

the judge.

The system is composed of two parts, the GPS receiver and the wrist watch unit. The GPS receiver is a palm-sized rectangular box that you can clip to your waist or attach to your arm with a supplied armband. A wireless communication system allows it to send enough information to the wrist unit to give you a velocity accurate to 1/100 of a mile per hour, and distance information accurate to .001 miles. The GPS receiver, using signals received from satellites around the earth, can pinpoint your location on the earth. It uses that ability to calculate your velocity and the other measurements are derived from it.

The entire system is exactly what I expected from Timex. In addition to being an amazing distance and velocity measurement tool, the unit is a nice watch. While the size is quite large, the design is smooth and unobtrusive and the weight is less than you would expect. The display size is easy to read in daylight, and of course comes with Indiglo for nighttime operation.

The buttons are large and easy to push, even when you're riding a bike or dodging pedestrians while rollerblading on the esplanade. The watchband is plastic and has vent holes at the top of the wrist to help

reduce perspiration. I found this a great improvement over my previous fabric band that gets soaked through with sweat on a regular basis and smells horrible.

Using the Speed and Distance system provides measurement of speed, average speed, maximum speed, pace, average pace, best pace and distance all at the touch of a button. All this is displayed on the same screen as the time, scrolling across the alphanumeric section of the display. The watch also has a chronometer with up to a 100-lap memory (depending on the model), a countdown timer and programmable single-shot or repeating alarms.

An interesting feature unique to this system is the zone alarm. You can have the watch alert you when you've left your target zone for speed or pace, very useful for endurance events. It can also give you a reassuring beep as you pass mile markers.

The only drawback I found while using this system was trying to get a good reading while riding my bike. This was really only a problem since I was trying to look at my wrist at night while passing under streetlights, while riding in traffic. Given daytime, or even early evening conditions and an environment where your eyes can leave the road for a few seconds, the display is easy to

read.

I didn't run the batteries down all the way, but the specified run time for the GPS unit is 12 hours on a set of 3 AAA batteries (included), which is not bad for GPS. The receiver unit can be worn on your arm (with the same strap and form factor as a jogging radio) or clipped onto your waist. The receiver is splash-proof, while the watch is water resistant to 50m. Even moving through the city, the receiver kept enough of a signal to work. They both have a very solid, well-built feel to them and definitely can withstand getting knocked around a bit.

The total price of the system is \$200 for the 50-lap memory model. What you get in exchange is an amazingly accurate measure of your performance. It also gives you quantitative feedback on pace and speed, invaluable for distance events. The system is very elegant, eliminating the need for messy wires or guesswork inherent in pedometers, cyclometers or other such measurement devices. More importantly, it provides a means of measuring speed and distance in cases where no others really exist, like rollerblading, skiing, and rowing.

The only question that still remains is the question of American excess. In the land where no drink is small, whatever "god gave you" can be upgraded and daily caloric consumption is equal to that consumed in a week in the Third World, do we really need to measure our distance and velocity with military accuracy? I say yes.

More information about the Timex Ironman Speed and Distance System is available at <www.timex.com>.

## CONCERT REVIEW

# Ted Leo and the Pharmacists

## And Other Bands with Bizarre Names

By Shereen Chaudhry

*Ted Leo and The Pharmacists**T.T. The Bear's Place*

September 28, 10:30 p.m.

Seeking entertainment one Saturday night, my friend and I were walking up Mass. Ave around Central Square when we decided to check out the local concert venues to see if there were any appealing bands playing. It turned out that at T.T. The Bear's Place, a band called Ted Leo and The Pharmacists, of which my friend is a big fan, was playing. Ted Leo and The Pharmacists? Who? Well, I was eventually persuaded, and we entered the popular venue to see the show.

Despite my skepticism, I found the band's music to be surprisingly in good taste. Ted Leo and The Pharmacists, although a middle-aged band drawing a middle-aged crowd, played music that was upbeat and can somewhat be classified as new-age rock but is more so in a category of its own. They were unexpectedly

energetic on stage; I don't think I've ever seen a half-bald, nearly forty-years old man move so fast in my life. Kudos to the guy for singing while maintaining the the energy that made him appear to have massive waves of electricity shooting through his body. If nothing else, it was an entertaining show.

More surprising, however, was the opening band, Circle and Square. Composed of four college-aged kids from New York, this Emo/Indie rock band emitted a discreetly unique sound which after being picked apart is in general distorted yet harmonized guitar combined with the emotionally wrought lyrics so common in music of this genre.

C&S formed nearly two years ago, while attending New York University, and they have already played with the popular bands Guided by Voices, Rainer Maria, Mates of State, The Dismemberment Plan, and Engine Down. For the most part, they play most of their shows in NY and several in Boston. Despite the limited tour area, the bassist Ed Lim, confirmed that they "have a steady fan base of eight kids in

Wilks-Barre, PA."

C&S's biggest break arrived just recently, when the popular Emo band Saves the Day, after hearing C&S rock out a show, asked C&S to tour with them. The dates have been set, and they are joining the tour from Nov. 12 to Dec. 8 which includes Ash and Kind of Like Spitting.

Anyone interested in C&S will have an even sooner (and cheaper) chance to check them out tomorrow (Oct. 19), when they play a show open to the public at Emerson College.

Right now, the band is happy being able to do what they really enjoy as a hobby. However, Lim stated that "it's very difficult to support this hobby since it takes so much time and energy, so with some hard work and financial backing, we'll be able to turn this hobby into our lives."

Check out this talented Emo band at <www.circleandsquarerock.com>. If not for any other reason, check 'em out for the "secret fact" that I was let in on by Lim: "three out of four members used to play *Magic: the Gathering*" —Gotta respect that.

## FILM REVIEW ★1/2

# Swept Away

## Time to Sweep

## Madonna Away

By Jed Home

STAFF WRITER

*Swept Away*

Written and Directed by Guy Ritchie

Starring Madonna, Adriano Giannini

Rated R

**S**wep*t Away*, a remake of the 1974 film by Lina Wertmuller, is an original vehicle for a genre of films that should never be made. Stranded-on-a-desert-island movies just never seem to have enough going on to fill two hours. Why Guy Ritchie, abandoning the edgy, technopoppy schematic he milked twice in his earlier flicks, thought he could do better is beyond me. The result is a washed-out wannabe fairy tale with about as much appeal as a dead fish.

The other poor sap on this sinking ship is the aging pop-star Madonna, now fully looking her age (what is it, 65?). Apparently unable to find spots in movies not directed by her husband, the once glamorous mother of two struggles through the film barely hiding her wrinkles behind a skimpy bikini.

Newcomer Adriano Giannini plays Giuseppe, an Italian sailor suckered into schlep duty on a yacht for the rich and unbearable. His chief tormenter is Amber Leighton (Madonna), a valium-popping wretch whose commitment to capitalism is surpassed only by her distaste of foreigners. Her days are passed harassing Giuseppe (not-so-affectionately labeled "Pipi"), smoking cigars while riding an exercise bike, and generally being unappealing.

When the two get lost on a scuba-diving expedition and find themselves stranded on a desert island, Giuseppe relishes his unexpected turn of fortune, using his superior skills as a hunter/gatherer to turn Amber into an even-more-wretched groveller. Apparently out of boredom, the two eventually fall in love.

Why the younger and considerably less pathetic Italian would fall for Madonna is a mystery. The best Ritchie can dream up is a gratuitous fantasy where she does a lounge act and lip synchs. The result is that Giuseppe goes from being unpleasantly awful to Amber to stupidly in love with her without any pretext. Guy Ritchie should have known better than to put these two morons on a desert island. A two-hour film should not, as a rule, only have two real characters in it. Remember how boring *Castaway* was? Even Tom Hanks couldn't save that setup. There's even less of a reason to figure Madonna could do the same.

Not to say the movie doesn't have a few funny moments, or that Guy Ritchie's apparently hibernating eye for cinematography doesn't gleam through once in awhile. Maybe it's just my distaste for Madonna that colored the whole thing. Call me unfair if you want, but Guy Ritchie can do better.

## GAME REVIEW

# Star Fox Adventures

## Can You Look Past the Thorns?

By Chad Serrant

STAFF WRITER

*Star Fox Adventures*

Published by Nintendo for the Nintendo Gamecube

Rated T for Teen

\$49.95

**R**areware's final offering has arrived. Mix two parts *Zelda* and one part *StarFox*. While it looks excellent and sounds wonderful, its restrictions ruin the image of a free-roaming world. Instead it becomes a tedious treasure hunt. This game is similar to *The Legend of Zelda: The Ocarina of Time*. The mission is essentially the same: enter multiple dungeons, solve puzzles, battle bosses, and gather magical items that are necessary to restore peace to the land. The display looks the same. The fighting system looks the same. The moving mechanics are the same. It feels like only the graphics were improved. And then the differences appear. Some differences are good and help *Star Fox Adventures* stand out. Some differences, however, deter from the gameplay and only help to reveal *Star Fox Adventures'* weaknesses.

One of the good differences: Prince Tricky. Fox McCloud befriends a young triceratops as his sidekick. Tricky can dig for buried items, melt ice, and sit on pressure switches. He even acts as a kind of radar, telling Fox when he's near a hidden area or when enemies are approaching him. Tricky helps keep the game going; he points out walls he can dig through without the player having to tediously search every single wall in slow, tedious detail.

The problem is that there are some secrets the player is supposed to look for. Most of these secrets consist of switches placed in the middle of nowhere, or a jump that isn't obvious, or an indestructible cannon that shoots at Fox. *Zelda* usually shows the player the switch, and the player simply has to figure out how to get there. Meanwhile, placing switches in the last place the player would look annoys him and draws

attention to the shortcomings of the game.

Why can't Fox simply climb over walls? Why are the battles nothing but mindless button mashing? Why can't Fox fly to where he needs to go, instead of having to find three switches on opposite sides of a huge room while enemies respawn all around him? Unfortunately, the in-game hints rarely help. They either tell the player to look for a switch that doesn't look like one, or it tells the player to look for a switch that is difficult to find.

Too bad, because the world is huge. Dinosaur Planet has everything: temples, volcanoes, tundra, grassy fields and much more. The raw size of the world definitely supports the claim that this game lasts for 80 hours. It really does give the feeling that there is a world, and not a collection of areas, that needs saving. If the game had more a free-roaming structure instead of a painfully linear and constrained structure it would have been a lot more enjoyable.

Unlike the gameplay, there is little disappointment with the graphics. The fur effect for Fox is wonderful. The other fuzzy and non-fuzzy critters are also so well done you can tell what type of skin they have. The Gamecube gets a workout with all of the lighting, transparency, and wave bending effects, but it doesn't even break a sweat. The frame rate remains constant, and that's a big plus. The textures are also nicely done and have a high amount of detail on most of them. Some are rather blurry, but they've been mixed in so well you'll have to actively look for them.

The sound is also excellent. The music is very environmental and each song fits its area well. It's a bit too synthesized, but in the long run it is forgivable. The voice acting is also well done and backed up with great lip-sync. I find it a bit odd that most of the supporting characters have distinct British accents, unlike the major characters.

In the end, *Star Fox Adventures* has all the right ingredients but adds too much tedious hunting. It prevents the player from roaming around seeing the beautiful world they created. Instead, it feels like the boring parts of *Zelda* were stretched out for 80 hours too long.

## RESTAURANT GUIDE

## Vegetarian and Vegan Dining at MIT

## Part II: Restaurants, Restaurants, Restaurants

By Sonja A. Sharpe

STAFF WRITER

This is the second in a two-part series on vegetarian eating options for MIT students.

This week's installment consists of a list and brief description of restaurants in the Boston/Cambridge area that are vegetarian/vegan friendly. This list of restaurants is not comprehensive by any means. There are many great vegetarian/vegan restaurants in the greater Boston area, but this guide focuses primarily on those closest to MIT.

In addition, only those restaurants that offer a variety of vegetarian options were included. However, Italian restaurants, Indian restaurants and Asian food restaurants, all of which typically have a pretty good variety of vegetarian and often vegan dishes, were omitted for the sake of brevity, except for one or two exceptional examples of these cuisines.

Most other restaurants in the area do offer a limited number of vegetarian entrees, but typically only the standards, such as veggie burgers, salads, or pasta dishes. All of the places mentioned in the guide are accessible from MIT by foot or via the subway, with the majority of the restaurants accessible from the red or green lines.

**K2 Café**

This restaurant offers the most variety of vegetarian and vegan foods available near Kendall Square. (Rebecca's Café next door to K2 is a close second.) There are numerous vegetarian wraps and sandwiches to choose from, and the soups always list whether they were cooked using a meat or vegetable broth. K2 also has a salad bar, veggie pizzas, and smoothies.

290 Main Street (Kendall Square)  
617-583-7000  
\$6  
MBTA: Kendall Square (Red Line)  
Hours: Mon–Thu 10 a.m. – 8 p.m., Fri 10 a.m. – 6 p.m.  
Delivery/take-out available

**Buddha's Delight**

**Vegan**  
This restaurant is a vegan's paradise, where tofu, wheat gluten and bean curd are massaged and seasoned to approximate the taste of the "chicken, steak, pork, and shrimp" headings found on the menu. No animal products are used in the entrees, and although condensed milk may be used in the desserts, coconut milk can be substituted, if desired. The food consists primarily of Vietnamese dishes, with the spring rolls and any of the vermicelli dishes being particularly good choices.

3 Beach Street, 2nd Floor (Chinatown)  
617-451-2395  
\$10  
MBTA: Chinatown (Orange Line) or Downtown Crossing (Red/Orange Line)  
Hours: Sun–Thu 11 a.m. – 9:30 p.m.  
Fri–Sat 11 a.m. – 10:30 p.m.  
Take-out available

**Buddha's Delight Too!**

**Vegan**  
Same menu as Buddha's Delight in Chinatown.  
404 Harvard Street, Brookline  
617-739-8830  
\$10  
MBTA: Coolidge Corner (Green Line C)  
Hours: Sun–Thu 11:30 a.m. – 9:30 p.m.  
Fri–Sat 11:30 a.m. – 10:30 p.m.

**Country Life**

**Vegan**  
The vegan buffet in this restaurant is spectacular, featuring a main homemade entree and sides that change daily. Call ahead to see what the menu is for the day, or visit them online at <http://members.aol.com/docvegan/clife/> to view the menu for the month. Entrees aside, the dessert bar is fantastic, with whipped soy cream, carob chips, and soft-serve frozen soy-cream. The restaurant can be a hassle to get to because of the Central Artery construction project, and the restaurant itself is laid out in a somewhat confusing manner, but the trip is absolutely worth it for the quality of the food. The \$10 all-you-can-eat Sunday Brunch buffet is also a super deal.

200 High Street (Financial District)  
617-951-2462 (Menu)  
617-951-2534 (Main)  
Lunch \$7, Dinner \$8, Brunch \$10  
MBTA: South Station (Red Line) or Government Center (Green Line) or Aquarium (Blue Line)  
Hours: Lunch: Mon–Fri 11:30 a.m. – 3:00 p.m.

Dinner: Sun, Tue–Thu 5:00 p.m. – 8:00 p.m.  
Sunday Brunch: 10:00 a.m. – 3:00 p.m.  
Closed Saturdays  
Take-out/catering available

**Greater Boston Buddhist Cultural Center**

**Vegetarian Restaurant/Tea House**  
Although it is a part of the Buddhist Cultural Center, anyone is welcome to dine in this small vegetarian restaurant or order something for take-out. The menu is entirely vegan and is centered around lunch service, with vegan dim sum and a few rice dishes offered daily.

950 Massachusetts Avenue (halfway between Central and Harvard Square)  
617-547-6670  
Lunch  
\$6  
MBTA: Central Square or Harvard Square (Red Line)  
Hours: Tue–Sun 10 a.m. – 6 p.m.  
Closed Mondays  
Take-out available

**Veggie Planet at Club Passim**

**Vegetarian/Vegan**  
The restaurant focuses mostly on putting ethnic food on flat bread to create delicious and unique pizzas, which constitute the bulk of the menu. Tofu ricotta can actually be substituted on any pizza that uses a real cheese as one of the toppings, which makes it extraordinarily easy for vegans to find a wide range of menu options here. The Sunday brunch also has excellent options for vegans, but the place is usually packed, so expect to wait for your food. Veggie Planet only takes cash.

47 Palmer Street (off Church Street, near the movie theater and Borders Cafe)  
617-661-1513  
\$10  
MBTA: Harvard Square (Red Line)  
Hours: Mon–Sun 11:30 a.m. – 10:30 p.m.  
Sunday Brunch 10:30 a.m. – 3 p.m.  
Take-out available

**Mamma Gaia's Café**

**Vegetarian/Vegan Options**  
This coffee house serves only fair trade coffee and also focuses on making unique and delicious sandwiches, burritos, and salads. Many of the sandwiches and burritos offered are vegetarian and can be made vegan simply by asking for vegan cheese to be substituted for the regular cheese on the menu. Breakfast foods, most of which are vegetarian, are also served until 11 a.m., and various delicious vegan pastry selections from Harvest Co-op are also sold here.

401 Massachusetts Avenue (at the intersection of Massachusetts Avenue and Main Street)  
617-441-3999  
\$6  
MBTA: Central Square (Red Line) or just walk down Main Street from MIT  
Hours: Mon–Wed 8 a.m. – midnight  
Thu–Sat 8 a.m. – 1 a.m.  
Sun 9 a.m. – midnight

**Milk Street Café**

**Vegetarian/Vegan Options**  
This café is a dairy kosher sandwich shop that offers salads and soups, which are sometimes vegetarian, but not always. However, the café does provide an excellent variety of vegetarian sandwiches, a good number of which can also be made vegan simply by omitting the cheese.

50 Milk Street (Financial District)  
617-542-3663  
\$8  
MBTA: Downtown Crossing (Red/Orange Line)  
Hours: Mon–Fri 7 a.m. – 3 p.m.  
Catering available

**Christopher's**

**International**  
There are a large variety of vegetarian and vegan options available at this popular restaurant, which uses no preservatives or artificial ingredients, or even a microwave, in the preparation of their food. Good choices are the grain burgers, various soups, and Mexican and pasta dishes.

1920 Massachusetts Avenue (Porter Square)  
617-876-9180  
\$8  
MBTA: Porter Square (Red Line)  
Hours: Mon–Fri 4 p.m. – midnight; Sat 12 p.m. – midnight, Sun 10:30 a.m. – midnight  
Take-out available

**The Helmand**

**Afghani**  
This restaurant offers hearty, highly sea-

soned cuisine that relies heavily on vegetable-based sauces and an accompaniment of baked rice. The flat bread is typically served hot out of the oven, and is accompanied by cilantro-vinegar, chili-tomato, and yogurt-mint. Vegetarians have many options, including the popular *kaddo*, consisting of baked sweet baby pumpkin topped with a garlicky yogurt sauce.

143 First Street (near the Cambridgeside Galleria)  
617-492-4646  
\$15  
MBTA: Lechmere (Green Line)  
Hours: Sun–Thu 5 p.m. – 10 p.m.  
Fri–Sat 5 p.m. – 11 p.m.  
Take-out available

**King and I**

**Thai**  
This is a great Thai restaurant that will substitute tofu for any meat in any dish. They also cook everything to order and do not use chicken fat to cook their vegetables (unlike many oriental restaurants). The pad thai with tofu is particularly delicious.

145 Charles Street (Beacon Hill)  
617-227-3320  
\$10  
MBTA: Charles/MGH (Red Line)  
Hours: Mon–Thu 11:30 a.m. – 9:30 p.m.  
Fri 11:30 a.m. – 10:30 p.m.  
Sat 12 p.m. – 10:30 p.m.  
Sun 5 p.m. – 9:30 p.m.  
Take-out/catering available

**Fire & Ice Improvisational Grill**

**Mongolian-style Barbeque Grill**  
This is a fun restaurant for vegetarians and non-vegetarians alike. Patrons chose the ingredients and sauces for their meal (there is a large variety of vegetarian/vegan ingredients), and then take the food to the open grill in the middle of the restaurant to be cooked. Vegetarians and vegans should be sure to take their food to the vegetarian section of the grill, where their meal is cooked separately from everyone else's. Best of all, the wait at the veggie section of the grill is usually much shorter than for the restaurant's other patrons. Two locations:

50 Church Street (Harvard Square)  
617-547-9007  
MBTA: Harvard Square (Red Line);  
205 Berkeley Street (Back Bay)  
617-482-3473  
MBTA: Arlington (Green Line)  
Lunch \$10, Dinner \$16

**Soup: It's what's for Dinner**

Soup, from Page 9

You'll also need a vessel in which you can boil water — preferably a pot that holds at least two or three quarts. The vessel should have a lid, but a large plate can serve the same purpose. Just be careful about handling a hot plate and avoid the escaping steam.

It would also be helpful at this point to have a knife, and ideal to have a sharp chef's knife. But in a pinch, a pocket knife might work. Or if you're completely lacking, you can try just tearing the vegetables up with your hands, as long as you're not particularly concerned with the appearance of the end result.

Now, submerge the bones in the pot with water and bring to a boil. Covering the pot will speed this up considerably. While you wait, peel and cut up your carrots, celery, and onion. I prefer mine chunky, but size and shape are of little importance. It is, however, good to develop a habit of cutting all your vegetables the same size, as they'll cook more uniformly that way. Since you're cooking the vegetables for a while, it won't matter much here.

Discard the liquid once it comes to a boil. Cover the bones again with clean water, and set on medium-low heat, or enough heat to bring the liquid to a simmer or lazy boil. Toss in four cloves of unpeeled garlic and all your cut up vegetables. Replace the lid and do laundry or problem sets for at least a half hour. I like to check on my soup every once in a while, just to see how it's coming along, and I also add my salt and pepper gradually, tasting along the way. I find that I usually need more salt than I think (maybe two or three tablespoons). And if you accidentally oversalt, just add more water.

The soup is done when the vegetables have softened and, well, when it tastes done. If you have leftovers, you'll undoubtedly discover that it tastes even better the next day.

If you used marrow bones, you'll find that all that cooking has yielded a delectable, creamy mass from what used to be the dark, spongy center of the bone. This would be the marrow — one of the most delectable morsels that ol' Bessie has to offer — and the whole point of *osso buco*, if you ask me.

Oh, and if you're like me and have difficulty following directions, you might also throw in a generous pinch of thyme. Or a cup of lentils. Or cannellini beans. Or garbanzo beans. All these legumes need to be soaked overnight if procured dry; they can go right in if they're canned. A cut-up tomato adds complexity and body; the acidity cuts through some of the sweetness of the onions and carrots. I've also had success with spinach, kale, and swiss chard (two big handfuls' worth). Cauliflower and potatoes would also be great additions. Of course, feel free to chuck in anything you fancy; it's nearly impossible to screw up this soup.

If you really can't be bothered, you can start with some ready-made chicken or vegetable broth and add the vegetables and other bits, but it's definitely not as fun as making it all yourself. And, if you can't handle that, I'd go with either the cheap and tasty chicken and corn soup from Qwan's Kitchen or the peerless butternut squash soup at Salts.

Comments and queries are most welcome, whether you need a restaurant suggestion or the name of a good fish purveyor or just want to know what *osso buco* is. Drop me a line at [winnie@thatwhatyouthink.com](mailto:winnie@thatwhatyouthink.com).

Hours: Mon–Thu 11:30 a.m. – 11 p.m.  
Fri–Sat 11:30 – midnight  
Sun 10 a.m. – 10 p.m.  
Take-out available

**The Middle East Restaurant**

**Middle Eastern Food**  
Live music and concerts aside, the Middle East is also a great place to go for home-cooked vegetarian and vegan food. They have a large variety of delicious vegetarian/vegan fare, such as pumpkin kibby, grilled tofu kabob, lentil stew, and baked eggplant. All the food is made from scratch, and the hummus in particular is outstanding. In addition, ZuZu Restaurant, which is the more upscale version of the Middle East restaurant, is located right next door and has a wonderful variety of vegetarian Middle Eastern appetizers.

472 Massachusetts Avenue (Central Square)  
617-354-8238  
\$15  
MBTA: Central Square (Red Line)  
Hours: Sun–Wed 11 a.m. – 1 a.m.  
Thu–Sat 11 a.m. – 2 a.m.  
Take-out/catering available

**Asmara Restaurant**

**Ethiopian and East African**  
This restaurant is a lot of fun if you like to eat with your hands. Instead of a plate, the stews are served on a large, pancake-like bread, called *injera*, which is set on top of a colorful woven basket-table. What makes the dining experience all the more interesting is that the bread is also the only utensil, which is used to scoop up the stew. Many vegetarian and vegan stews are available, consisting primarily of legumes and greens.

739 Massachusetts Avenue (Central Square)  
617-864-7447  
\$12  
T: Central Square (Red Line)  
Hours: Sun–Thu 11:30 a.m. – 10:30 p.m.  
Fri–Sat 11:30 a.m. – 11:30 p.m.  
Take-out available

**Picante Mexican Grill II**

**Mexican**  
This restaurant offers authentic Mexican food complete with an extensive salsa bar. Several excellent vegetarian entrees are offered. The rice and beans are always vegetarian, and lard is never used to prepare any item on the menu. The fresh limeade is also a big hit.

735 Massachusetts Avenue (Central Square)  
617-576-6394  
\$6  
MBTA: Central Square (Red Line)  
Hours: Sun–Wed 10 a.m. – 11 p.m.  
Thu–Sat 10 a.m. – 11:30 p.m.  
Take-out/catering available

# Clubs

**Axis**  
13 Lansdowne St., 617-262-2437  
Sundays: See Avalon below.  
Mondays: *Static*. Gay, casual dress. \$5, 18+.  
Thursdays: *Chrome/Skybar*. Progressive house, soul, disco; dress code. \$10, 19+; \$8, 21+.  
Fridays: *Avalandx*, with Avalon.  
Saturdays: *X-night* (rock, alternative, techno, hip-hop) downstairs and *Move* (techno) upstairs.

**Avalon**  
15 Lansdowne St., 617-262-2424  
Sundays: *Gay Night* (with Axis on long weekends). Featuring hardcore house and techno. \$10, 21+.  
Thursdays: *International Night*. Euro-house. \$10, 19+.  
Fridays: *Avalandx*, with Axis. House. \$15, 19+.  
Saturdays: *Downtown*. Modern house, club classics, and Top 40 hits. \$15, 21+.

**Karma Club**  
9 Lansdowne St., 617-421-9595  
Sundays: "Current dance favorites" by guest DJs. Cover varies.  
Tuesdays: *Phatt Tuesdays*. With Bill's Bar, modern dance music. \$10.  
Wednesdays: *STP*. Gay-friendly, house. \$15, 21+.  
Thursdays: *Groove Factor*. House.  
Fridays: *Spin cycle*. Prog. house. 19+.  
Saturdays: *Elements of Life*. International House. \$15.

**ManRay**  
21 Brookline St., Cambridge, 617-864-0400  
Wednesdays: *Curses*. Goth. Appropriate dress required. \$5, 19+; \$3, 21+.  
Thursdays: *Campus*. Popular tunes. House. Gay, casual dress. \$10, 19+; \$8, 21+.  
Fridays: *Fantasy Factory* (First and third Friday of the month. Features kinky fetishes and industrial music.) *Hell Night* (every second Friday.) 19+. Includes Goth music. *Ooze* (the last Friday of the month.) \$10, 21+. Reduced prices for those wearing fetish gear.  
Saturdays: *Liquid*. Disco/house and New Wave. \$15, 19+; \$10, 21+.

# Popular Music

**Axis**  
13 Lansdowne St., Boston, MA. 617-262-2437  
Oct. 23: Taproot  
Oct. 24: No Use For A Name  
Oct. 25: Big D and the Kids Table  
Oct. 26: Snapcase, Boy Sets Fire  
Oct. 30: Cali Comm 2002 Tour: Del the Funky Homosapien  
Nov. 2: Nonpoint  
Nov. 3: Relient K  
Nov. 12: Kottonmouth Kings, Mix Mob  
Nov. 14: Theivery Corporation  
Nov. 15: Salva  
Nov. 19: The Ataris, Sugarcult

**Avalon**  
15 Lansdowne St., Boston, MA. 617-262-2424  
Oct. 22: Badly Drawn Boy, Adam Green  
Oct. 24: Michael Franti & Spearhead, Tre Hardson  
Oct. 25: Violent Femmes  
Oct. 27: Shedaisy  
Nov. 3: Sigur Ros, Amina  
Nov. 5: Jerry Cantrell  
Nov. 13: Les Claypool Frog Brigade  
Nov. 16: Cowboy Mouth  
Nov. 20: Sevendust, 30 Seconds to Mars, Cinder  
Nov. 21: Blondie  
Nov. 22: Ani DiFranco  
Nov. 23: Beanie Man  
Nov. 27: Frank Black and the Catholics, The Bennies  
Dec. 2: The Wallflowers, Ours  
Dec. 6: Melissa Ferrick

**Berklee Performance Center**  
Berklee College of Music, 1140 Boylston St., Boston, MA.  
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info on these concerts, call the Performance Information Line at 617-266-2261.

Oct. 25: Herbie Hancock  
Nov. 20: Branford Marsalis

**Bill's Bar**  
5.5 Lansdowne St., Boston, MA. 617-421-9678

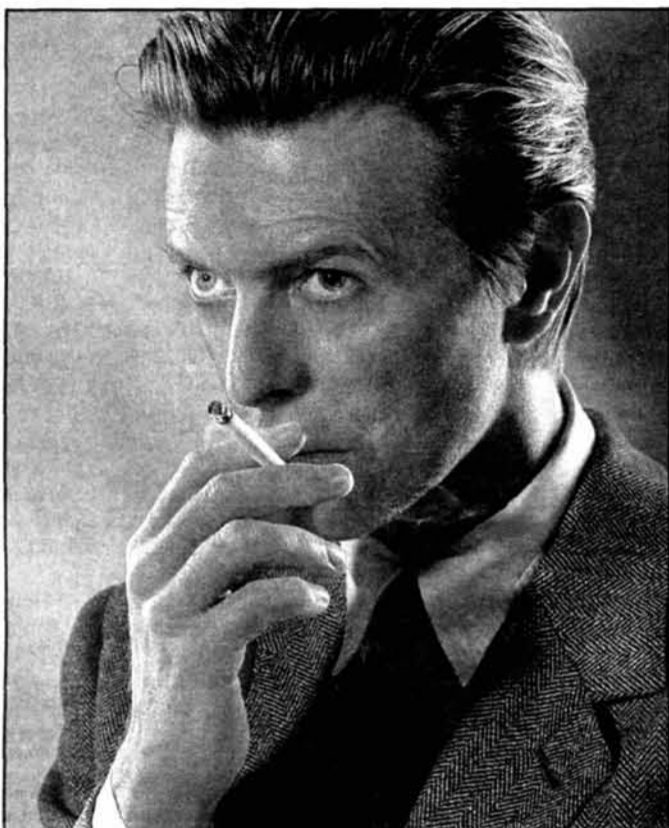
Oct. 18: Kimone  
Oct. 21: All Parallels, Agents of Man, Draggipe  
Oct. 23: Miki Singh & Jetset  
Oct. 24: Electric Bungalow Series  
Oct. 25: Redletter, Loveless  
Oct. 28: The Joggers, No Luck at All  
Oct. 30: Scarie's Birthday Bash  
Oct. 31: Stymie

**Club Passim**  
47 Palmer St, Cambridge, MA. 617-492-7679

# On The Town

A weekly guide to the arts in Boston  
October 18 - 25  
Compiled by Devdoot Majumdar

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



**GROUND CONTROL AT THE ORPHEUM**  
One can only hope that, after spending a summer sharing the stage with Busta in Moby's Area2, David Bowie earned himself some self respect and decided on a solo tour.

Regardless of the reason, Bowie will be playing at the Orpheum this Wednesday at 8 p.m. Though much of the music on his recently released album leaves less mark and more question mark, Bowie has been known to rekindle several of his older hits.

Tuesdays: *Open Mic* at 8 p.m. (sign up at 7:30). \$5. See <http://www.clubpassim.com> for complete schedule

Oct. 18: Diane Zeigler, Carl Cacho  
Oct. 19: Kevin So, Corrine May  
Oct. 20: Woodwork  
Oct. 23: Karaugh Brown  
Oct. 25: Paul Rishell, Annie Raines  
Oct. 26: Don White, Kenny White  
Oct. 27: Hanneke Cassel  
Oct. 28: Bob Dylan Tribute  
Oct. 30: Kelly Donovan & Dancers: "Changing Skin"  
Oct. 31: Andrew Kerr

**FleetCenter**  
One FleetCenter, Boston, MA. 617-931-2787

Oct. 27: *Monster Jam 2002*: P.Diddy, Eve, Jay Z, Ludacris, Nappy Roots  
Oct. 28: Rush

Nov. 3: Cher  
Nov. 16: Bob Dylan  
Nov. 18-19: The Other Ones, Robert Hunter  
Nov. 25: Peter Gabriel  
Nov. 30: Shakira  
Dec. 2: Guns N' Roses  
Dec. 14: Tom Petty and the Heartbreakers  
Dec. 15: Julie Andrews, Christopher Plummer

**The Middle East**  
Central Square, 617-354-8238  
Ticketmaster: 617-931-2787.  
Venue has two floors. Upsairs (U), Downstairs (D)  
<http://www.mideastclub.com>

Oct. 18: The Figgs  
Oct. 19: Crash and Burn  
Oct. 20: Mooney Suzuki  
Oct. 21: Mia Doi Todd  
Oct. 22: The Anniversary  
Oct. 23: Hothouse Flowers

Oct. 24: Gandhi 931-2000  
Oct. 25: Atmosphere

Oct. 26: Antibalas Afrobeat Orchestra  
Oct. 27: Collapse Into Reason, Incus, One of Us  
Oct. 28: Mia Doi Todd  
Oct. 29: Keelhaul, Five  
Oct. 30: Von Bondies, The Kills, Secret Channel  
Oct. 31: Reverend Horton Heat

**Tsongas Arena**  
300 Arcand Dr., Lowell, MA. 978-848-6900.

Oct. 28: Tool, Meshuggah  
Oct. 29: Mana  
Nov. 15: Counting Crows, Uncle Kracker  
Nov. 19: Tori Amos, Howie Day

**TT The Bear's**  
10 Brookline St., Cambridge, MA. 617-931-2000.  
<http://www.ttthebears.com>

Oct. 18: John Wesley Harding  
Oct. 19: Wilco  
Oct. 21: Elvis Costello

**Worcester's Centrum Centre**  
50 Foster St., Worcester, MA. 508-755-6800  
<http://www.centrumcentre.com>

Oct. 20: No Doubt, Garbage  
Oct. 28: American Idol Tour  
Dec. 22: Boston Pops Holiday Concert

**Worcester Palladium**  
261 Main St., Worcester, MA. 617-797-2000  
<http://www.thepalladium.com>

Oct. 18: The Samples  
Oct. 20: Bane  
Oct. 26: Mushroomhead  
Oct. 29: Jurassic 5  
Oct. 30: Arch Enemy  
Oct. 31: Mighty Mighty Bosstones

**Paradise Rock Club**  
967 Commonwealth Ave., Boston, MA. 617-562-8804  
Nov. 1: New Found Glory  
Nov. 2: Mudvayne  
Nov. 3: Kinoshian  
Nov. 4: Box Car Racer  
Nov. 9: Gwar, Clutch  
Nov. 27: Saves the Day

Oct. 18: Raging Teens  
Oct. 19: Soulive  
Oct. 20: Vanessa Carlton, Ben Lee  
Oct. 23: Yonder Mtn. String Quartet

Oct. 25: Addison Groove Project  
Oct. 27: Brad  
Oct. 28: "Live Phish Official CD Release Party"  
Oct. 29: Calexico  
Oct. 30: Strawfolfk  
Oct. 31: Lifoween, Mr. Lif

Nov. 1: Yohimbe Brothers  
Nov. 2: Ben Kweller  
Nov. 3: Porcupine Tree  
Nov. 7: Jump Little Children, Carbon Leaf  
Nov. 8: Lamb Chop  
Nov. 9: Amon Tobin  
Nov. 10: Fountains of Wayne, OK GO  
Nov. 12: Ozomatli  
Nov. 17: The Samples  
Nov. 19: Josh Joplin, Peter Stuart  
Nov. 29: Deep Banana Blackout

**The Roxy**  
279 Tremont St., Boston, MA. 617-

# Jazz

**Regattabar**  
1 Bennett St., Cambridge, MA. 617-662-5000, <http://www.regattabar.com> Usually two shows nightly, call for details.

Oct. 18: Calypso Hurricane  
Oct. 19: Sergio Brandao Octet  
Oct. 22: Matthias Lupri Group with Kurt Rosenwinkel  
Oct. 23: Diminiquie Eade Quartet  
Oct. 24: Edu Tancredi y el Brandon  
Oct. 25: Jose De Santos Flamenco Trio  
Oct. 26: Patrice Williamson Group  
Oct. 29: Paul Im and Remember Rockefeller  
Oct. 30: Gargonz  
Oct. 31 - Nov. 1: Max Roach Quartet

**Ryles Jazz Club**  
212 Hampshire St., Cambridge, MA. 617-876-9330

Venue has two floors. Upsairs (U), Downstairs (D)  
<http://rylesjazz.com>

Oct. 18: Ryles Jazz Orchestra  
Oct. 19: Boston Horns  
Oct. 22: Boston Acapella Scene  
Oct. 23: Geoffrey Gee  
Oct. 24: Bob Sinicrope & the World Leaders (D), Temporada Latina (U)  
Oct. 26: Flava Orchestra  
Oct. 27: Amazon Poetry Siam  
Oct. 29: Bruce Bartlett Trio  
Oct. 30: Marta Gomez  
Oct. 31: Brian Kelley's Social Lubrication (D), Temporada Latina (U)

**Scullers Jazz Club**  
DoubleTree Guest Suites, 400 Soldiers Field Rd., Boston, 617-562-4111.<http://www.scullerjazz.com>. Call for schedule.

Oct. 18: Chris Botti  
Oct. 19-20: Dee Dee Bridgewater  
Oct. 22-23: Jose Feliciano  
Oct. 24: Kenny Rankin  
Oct. 25-26: Oleta Adams  
Oct. 29-30: Rick Braun, Kirk Whalum  
Oct. 31 - Nov. 1: Nicholas Payton Quintet  
Nov. 5: Norman Hedman's Tropique  
Nov. 6: Karin Allyson  
Nov. 7: Patti Austin  
Nov. 16: Sergio Mendez

# Classical Music

**Boston Symphony Orchestra**  
Tickets: 617-266-1492.  
Performances at Symphony Hall, 301 Massachusetts Ave., Boston, unless otherwise noted. Student rush tickets, if available, can be obtained at 5 p.m. on the day of the concert (one ticket per person). <http://www.bso.org>

Roberto Abbado leads the BSO in an American premiere of Henze's *Scorribanda Sinfonica*, Mozart's *Piano Concerto No. 21*, and Rachmaninoff's *Symphony No. 3*. Performances on Oct. 17 (8 p.m.), Oct. 18 (1:30 p.m.), Oct. 19 (8 p.m.), and Oct. 22 (8 p.m.).

André Previn guest conducts the BSO in Haydn's *Symphony No. 103*, Mozart's *Sinfonia Concertante*, and Beethoven's *Symphony No. 7*. Performances on Oct. 24 (10:30 a.m., 8 p.m.), Oct. 25 (8 p.m.), Oct. 29 (8 p.m.). Special concert with Anne Sophie Mutter presenting Beethoven's *Symphony No. 7* and Previn's *Violin Concerto* on Oct. 26 (8 p.m.). College Card honored

**FleetBoston Celebrity Series**  
20 Park Plaza, Suite 1032, Boston, MA 02116. 617-482-2595. Venues vary by concert, consult website for further details. <http://www.celebrityseries.org>

Oct. 20: Jose Van Dam  
Oct. 25-27: Paul Taylor Dance Co.  
Nov. 9: Julliard String Quartet  
Nov. 10: Boston Camerata  
Nov. 14: American Ballet Theatre  
Nov. 17: Pittsburgh Symphony Orchestra, Masiss Jansons  
Nov. 22: Robert Kaplow, Juith Blazer: What Makes it Great?  
Nov. 24: Itzhak Perlman  
Dec. 1: Daniel Barenboim  
Dec. 6-7: Vienna Choir Boys  
Dec. 14: The Polar Express

# Theater

**Bat Boy: The Musical (Oct. 26)**  
A story about "the alleged discovery of a child — half man, half bat — in a West Virginia cave" finally comes to Boston in this production by the SpeakEasy Stage Company. Boston Center for the Arts, 539 Tremont Street, Boston, 617-426-2787. Runs through Oct. 26, tickets range from \$15 rush (one hour before performance) to \$31.

**Grease (Oct. 20)**  
The same 50s story revisits Boston in its latest national tour at the Wang Theatre until this Sunday. 800-447-7400, tickets \$45-75.

**Hedwig and the Angry Inch (Oct. 31)**  
Oh yes, the movie of international renown has it the stage with flying colors. Playing at the Institute of Contemporary Art through Oct. 31. Curtain at 8 p.m., tickets \$20. 617-423-NEXT.

**Spinning into Butter (Oct. 19)**  
A racist incident on a Vermont campus sends the all white faculty into a tailspin. Presented at the Theatre Cooperative, 277 Broadway, Somerville. 617-625-1300. Tickets \$15 to \$20.

**Blue Man Group (Ongoing)**  
Charles Playhouse, 74 Warrenton Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to



**CLASSIC, UNEARTHED**  
Unavailable in North America since 1985, the MFA unveils this 35-mm print of the 1972 classic film, *Siddhartha*. Based on Hesse's classic, the cinematographic spectacle that is *Siddhartha* is certainly worth the \$8 admission for an MFA film. For more information, consult <http://www.mfa.org>.



NEIL LIBBERT

**TRAGEDY AT THE WILBUR**

Dublin's Abbey Theatre comes to Boston with a production of Euripides' *Medea*. Having last appeared in Boston over a decade ago, the Abbey brings this production of *Medea* to the modern day, sneakers and all. The story of murders and romance — it's Greek, after all — *Medea* brings the tumult and tragedy of life to the Wilbur Theatre.

Performances are next Tuesday through Friday at 8 p.m., Saturday (Oct. 26) at 2 p.m. and 8 p.m., and Sunday (Oct. 27) at 2 p.m. Tickets range from \$25 to \$67. Rush tickets are also available on the day of performance, one hour prior to curtain. For more information, call 617-423-0008.



MIRO ZAGNOLI

**GOT AN ORCHESTRA?**

In the words of *The Tech's* arts editor, Conductor Roberto Abbado is what is known as a "bachelor conductor." Nephew of Berlin Philharmonic Director Claudio Abbado, the orchestra-less Roberto meanders to the BSO this weekend in a series of concerts.

Abbado will lead in the American premiere of Henze's *Scorribanda Sinfonica*, Mozart's *Piano Concerto No. 21*, and Rachmaninoff's *Symphony No. 3*. Performances on Oct. 18 (1:30 p.m.), Oct. 19 (8 p.m.), and Oct. 22 (8 p.m.). (No college card concert).

\$45. Call 617-426-6912 for tickets and information on how to see the show for free by ushering.

**Comedy Connection**

Mon.-Wed. at 8 p.m.; Thurs. 8:30 p.m.; Fri. and Sat. 8 p.m., 10:15 p.m.; Sun. 7 p.m. The oldest comedy club in Boston. At 245 Quincy Market Place, Faneuil Hall, Upper Rotunda, Boston. Admission \$8-20. Call 617-248-9700 or visit <<http://www.comedyconnection-boston.com>>.

Oct. 19-20: Pauly Shore  
Oct. 25-26: Elayne Boosler  
Oct. 26-27: Amez J.  
Nov. 1-2 Brian Dunkleman  
Nov. 8: John Valby  
Nov. 15-16: Robert Schimmel

**Exhibits**

**Isabella Stewart Gardner Museum**  
280 The Fenway, Boston. (617-

566-1401), Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2,500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

**Museum of Fine Arts**

465 Huntington Ave., Boston. (617-267-9300), Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID.

Currently on exhibit until Oct. 20 is "Jasper Johns to Jeff Koons: Four Decades of Art from the Broad Col-

lections," an exploration of contemporary artists ranging from those named above to Warhol to Lichtenstein.

**MFA Film Showings:**

Oct. 18: New England Film Artists: *Last Call: Dreams, Main Street and the Search for Community* (6 p.m.), Restored Classic: *Siddhartha* (8 p.m.)

Oct. 19: Films of Gus Van Sant: *Drugstore Cowboy* (11 a.m.), *Last Call: Dreams, Main St.* (1 p.m.), *Siddhartha* (3 p.m.)

Oct. 24: Films of GVS: *My Own Private Idaho* (6 p.m.), Films by Ptushko: *Sadko* (8 p.m.)

Oct. 25: *Siddhartha* (6 p.m.), World's Best TV Ads: *British Advertising films of 2001* (8 p.m.)

Oct. 26: *Siddhartha* (11 a.m.), World's Best TV Ads: *British Advertising Films of 2001* (1 p.m.), *Sadko* (3:15 p.m.), Sneak Preview: *Frida* (7 p.m.)

Oct. 27: Director Dylan Kidd with *Roger Dodger* (7 p.m.)

Oct. 31: *British Advertising* (6 p.m.), Films by Ptushko Vly (8 p.m.)

For further listings, check <<http://www.mfa.org/film/>>

**Museum of Science**

Science Park, Boston. (617-723-2500), Daily, 9 a.m.-5 p.m.; Fri., 9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors. The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors.

**Other**

Harvard Film Archive

465 Huntington Ave., Boston. (617-267-9300), Mon.-Tues., 10 a.m.-4:45 p.m.; check <<http://www.harvardfilmarchive.org>> for more details.

*Songs from the Second Floor*, directed by Roy Anderson, showing 45 staged vignettes showing "a series of personal tragedies and city-wide crises." Showing Oct. 19 at 7 and 9 p.m.

*The Man with the Movie Camera* (USSR, 1929) with live piano accompaniment — a cinematic attempt to capture a Soviet urban metropolis. Oct. 20 and 21 (7 p.m.)

*A Night of Prophecy*  
Directed by Amar Kanwar, it details the travels of the director through several states in North India, Kashmir being the final. Eventually, his various poetic narratives of the conflicts in the various states begin to

merge. Director in person Oct. 23 (7 p.m.).

Films of Gaston Kabore will be shown at the HFA. Kabore, recipient of the Genevieve Mcmillan and Reba Steward Fellowship for Distinguished Filmmaking, is a teacher at the Institut African d'Etudes Cinematographiques. He is known for his amalgam of unique storytelling and cinematic language:

*A Tree Called Karite* and *Went Kuuni* (God's Gift), Oct. 25 (7 p.m.), Oct. 26 (9 p.m.)

*Madame Hado* and *Zan Boko* (Homeland), Oct. 25 (9 p.m.), Oct. 29 (9:15 p.m.)

*Roger, Civil Servant and Rabi* and *Chronicle of a Declared Failure*, Oct. 26 (7 p.m.)

*The Cora Player* and *Buud Yam*, Oct. 27 (7 p.m.), Oct. 30 (9:15 p.m.)

**GAME REVIEW**

**Super Monkey Ball 2**

*A Sequel in Every Way*

By Chad Serrant

STAFF WRITER

*Super Monkey Ball 2*  
Published by Sega for the Nintendo Gamecube  
Rated E for Everyone  
\$49.95

The original *Super Monkey Ball* was quietly released and became a sleeper hit. Its easy controls, challenging but fun gameplay, and its plethora of minigames made it popular enough to warrant a sequel. The sequel does exactly what it should do — it improves every aspect of the original and adds enough new content to warrant a purchase.

For those who don't know, the game involves monkeys. Monkeys in balls. The monkeys are dropped into a field with various obstacles, and it's the player's job to tilt the board so the monkey can roll into the goal. You can do this with one hand tied behind your back (literally), so there should be no control issue complaints. If you want to use the right hand in this game you can press the A button to zoom the minimap.

Just because the controls are easy doesn't mean the game is, though. Although the boards start off easy, they gain ramps, turns, thin bridges, and jumps. These elements were in the original, so Sega added switches, teleporters, invisible platforms and impulses into the mix. The result is that the boards involve a lot more thinking and a lot less rushing.

This game play comes in two flavors: Challenge mode and Story mode. You heard me — *Super Monkey Ball* has a story. It's not Oscar-worthy material, but it is silly/cute/contrived enough for me to enjoy.

For those who can't withstand the trauma from the drama, challenge mode emulates the original's main mode, but with new levels. Those who go through all of the stages without conti.y whenever you feel like it. There are six new games that must be unlocked. *Monkey Shot* is analogous to *Virtua Cop* and *Lethal Enforcers*, except the analog stick actually aims. *Monkey Dogfight* also works well, due to its simple interface and pineapple missiles. This is the best multiplayer game so far to grace the Gamecube, so buy a couple of extra controllers.

The graphics are a slight improvement over the original. Everything is still nice and shiny with lots of polygons to spare. The backgrounds are more lively animated as the monkeys race through volcanoes, boiling pots, space colonies and washing machines (play story mode, it will make more sense). There is slowdown between stages, but it has little effect on gameplay. There are some aliasing problems with the field and the backgrounds, though (wait, aliasing problems in a non-Playstation 2 game?) that should have been handled.

The same upbeat music that was in the original is back, so you can get down, boogie, and buy the imported soundtrack or wait for the localized release. (Hint, hint Sega.) The announcer's back too, for better or for worse. And of course, the monkeys still grunt the same way they did last time.

A wonderful puzzle game combined with excellent multiplayer makes *Super Monkey Ball 2* one of those games that should be in everyone's Gamecube collection. If only Sega hadn't released it on the same day Nintendo released *Super Mario Sunshine*. Whoops.

Life is exciting, get it in print.

<[arts@the-tech.mit.edu](mailto:arts@the-tech.mit.edu)>

This space donated by The Tech

## FEATURES

## Campus Profile — Donald R. Sadoway

Beloved 3.091 Professor shares his perspective on teaching freshmen

By Ricarose Roque  
STAFF REPORTER

Professor Donald R. Sadoway is the lecturer for the popular introductory class *Introduction to Solid-State Chemistry (3.091)*, and the John F. Elliott Professor of Materials Chemistry. In 1995, he was named as a MacVicar Faculty Fellow, which is reported to be "MIT's highest award for excellence in undergraduate education," and last year, he was elected Member of the Norwegian Academy of Technological Sciences. Professor Sadoway has authored over 100 research papers and also holds 11 U.S. patents.

*The Tech:* Where are you from?

*Sadoway:* I grew up in Toronto, born in a town called Oshwal about 35 miles east of Toronto. I went to high school there as well. Afterwards I went to the University of Toronto and got everything there — both undergrad and graduate degrees. I finally left Canada when I became a NATO fellow for a year to get my postdoc.

*TT:* How did you wind up at MIT?

*Sadoway:* Well, I came here to round up my education, but I unexpectedly got a job offer at the same time. I've been here ever since.

*TT:* Do you miss Canada?

*Sadoway:* No, I like it here.

*TT:* What do you think of the class of 2006?

*Sadoway:* They're terrific.

*TT:* You are a part of the admissions team, right?

*Sadoway:* Yes, for three years now. This year I chaired the Committee of Undergraduate Admissions Financial Aid. We act as a liaison for the financial aid office and the admissions office. Though I had the pleasure of being a part of the decisions process too.

*TT:* How long have you been teaching 3.091?

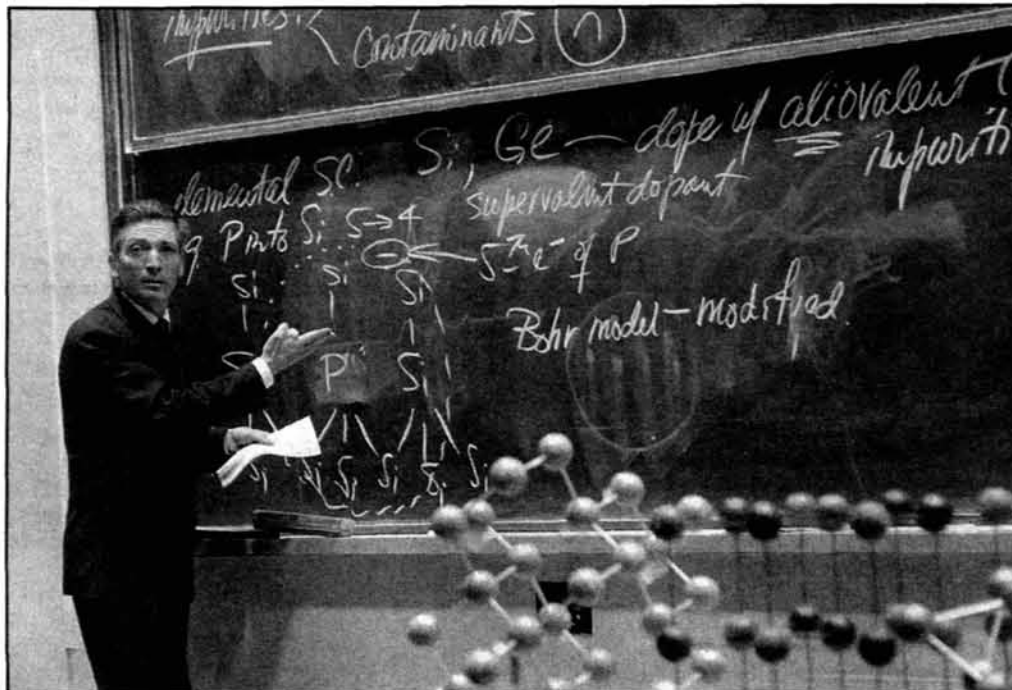
*Sadoway:* Since 1995. I am on my 8th year now. I actually started out as a recitation instructor 25 years ago. I had an 8 a.m. and 9 a.m. class. I still keep on touch with some of the people from that class.

*TT:* Do you see a difference between the students you taught in 1978 to the ones you teach today?

*Sadoway:* The students today are much broader than those in 1978. They're more familiar with the world and not so narrowly focused on science.

*TT:* Why do you play music in your lectures?

*Sadoway:* There's usually time available. I think it enriches the educational experi-



JEAN ZHENG—THE TECH

**Materials Chemistry Professor Donald R. Sadoway engages students in his Introduction to Solid-State Chemistry (3.091) lecture.**

ence. It's an opportunity to connect with the students. I don't believe that the class should be strictly chemistry centered. I feel that it enhances the learning experience when you integrate the lesson with disparate sources. I sometimes add literary references and paintings. I also add ethics into the lecture. Usually you would have to take another class for ethics.

*TT:* Would you say that's your teaching philosophy?

*Sadoway:* It has evolved over time. I'd say in the beginning I stayed close to the teaching equation. But by the time I took over 3.091, I was able to make changes in the format.

*TT:* You've recently put the class on Web cast. How's that going?

*Sadoway:* We initially started a cablecast last year so that we could decrease the class size. I didn't want to teach two lectures, but I also didn't want to reject students. At one point the class size reached 532 students. The Web cast has become a great learning tool, actually. Students have been e-mailing me on how they use it to look back into certain points of the lecture that they missed or were not very clear to them. We've actually had people watching the lectures from all over the world — from the Netherlands, Singapore, even my hometown Toronto. Since I

sometimes use copyrighted information in my lecture, we've had to require Web certificates to access the Web cast so that we won't have to deal with copyright issues.

*TT:* What is your concentration?

*Sadoway:* Electrochemistry

*TT:* What are your research goals?

*Sadoway:* First I'd like to find a flexible solid-state rechargeable battery that can go 400 miles on a single charge. I want to get rid of the internal combustible engine and end the use of petroleum for personal transportation at least. Second, I want to change the development of metal production. Right now it's filthy. All this should be enough work to last me a lifetime. I'm also working with the Media Lab right now on a new design for an automobile. We're hoping to cross-fertilize the architectural and automotive industry and see the relationship between the car and the city.

*TT:* Is the new car going to be like Simons?

*Sadoway:* I think aerodynamics is going to prevent the car from being another Simons.

*TT:* What's your favorite element, metal, compound, or molecule?

*Sadoway:* That's such an open question. I have different ones for different reasons. If you asked me what precious metal I like, I'd

say iridium. It's a beautiful, frosty white metal.

*TT:* How did you get into chemistry, then?

*Sadoway:* I first got interested in high school. I was going to do chemical engineering, but around that time there was too much petroleum in the field. I wanted to express my interest but without all that carbon so I got into chemical metallurgy.

*TT:* Out of curiosity, how many ties do you own?

*Sadoway:* Lots. I'd have to go home and count them. Let's just say I don't know the answer to that question.

*TT:* Why do you wear a suit in all of your lectures?

*Sadoway:* I like to dress up. I also like to think that when you're teaching a big class what I wear sends I message to the students that this is a serious enterprise.

*TT:* What kind of car do you drive?

*Sadoway:* 1982 Avanti with the body of a 1964 Studebaker. I just love industrial design. I like its elegant ways using materials in beautiful forms.

*TT:* What's your favorite science joke?

*Sadoway:* The one about the two hydrogen atoms at a bar is a funny. There's a special appeal to this joke to an MIT audience especially freshmen who just learned about ionization energy. You get a riotous laughter and then you know you're at MIT.

*Two Hydrogen Atoms Joke:*

*These two hydrogens atoms got into a bar. It's a nice place. They go sit right at the bar. One of them orders a Martini; the other orders a Manhattan, if I'm not mistaken. Their having a great time, they're talking. All of a sudden people start screaming, they turn and its Rutherford! And Rutherford's really angry. I mean the guy's packing twin Ultra violet lasers. He looks like a one man wrecking crew.*

*And before anybody can move, he starts shooting — and one of the hydrogens is hit.*

*He falls to the floor and his buddy says, "Are you alright?"*

*He [the fallen hydrogen] says, "No. I've been hit."*

*"Is it bad?" his friend says.*

*"It's serious. I think I've lost an electron."*

*"Are you serious?"*

*"I'm positive!"*

## Freshman Diaries

You think you know, but you have no idea

By Veena Ramaswamy

STAFF REPORTER

This is the second installment of a column written by an MIT freshman.

As I enter my sixth week at MIT, so much has changed since my first few days here. Classes are in full swing, I've had my first wave of tests, and I've made the notorious first trip home. And although I really like it here, these past few weeks have been pretty tough academically. I have finally come to understand why people here use the phrase "IHTEFP," yet at the same time I have also come to see why so many say they love it here.

Don't get me wrong; the people here are awesome — very humble and down-to-earth, qualities that convinced me to come here in the first place. They know how to "work hard, play hard," as evidenced by many of MIT's social events, including Rush. Rush was a great experience — getting free food, and going to free events, in the company of friends and frat brothers... how can you go wrong?

But what I've come to realize, (which I was also warned about during CPW) is that academically, MIT is really tough. It's not tough as in studying a bit more than usual to acing a test. It's tough as in studying for hours on a calculus test, only to learn that you passed by three points, or spending an entire evening trying to figure out one chemistry problem and not even solving it by the end of the day.

One thing that I like, though, is that people are willing to help each other out, because let's face it — it's nearly impossible to get through all of your work alone. And the tutoring services and office hours offered by the departments have been also been very helpful — if you haven't been taking advantage of these services, you've really been missing out.

After my first wave of tests, when things had finally gotten into a normal schedule, (I don't know if normal is a good word to use in any context for MIT... but I digress,) I took my first trip back home, during Columbus Weekend. I was really looking forward to my trip home not because I was homesick, but rather, I just missed home: the home-cooked meals, a nice clean shower, and most importantly, my bed. It was so nice to see my family and meet up with some friends from high school (who were also home that weekend) and catch up on the past few months.

As the weekend came to an end, and I began my trip back to campus, I kept wishing I were back at home. I was not looking forward to the work that lay ahead for me back at MIT.

But after coming back to campus and seeing familiar faces, I realized that despite the stress associated with problem sets, or an upsetting quiz, MIT is not a bad replacement for home during the academic year. So while I understand the usage of the phrase "IHTEFP," I also see how people can learn to really love this place — it really grows on you.

## Ask Arista

Ask Arista is an advice column written anonymously by an MIT undergraduate. The views expressed in this column do not necessarily represent those of The Tech.

Dear Arista,

I'm a junior girl, and I am attracted to a freshman guy. Is it socially acceptable for me to ask him out?

—Anonymous

Dear Anonymous,

Absolutely, ask him out! A lot of guys find women who take initiative very attractive, and being slightly older and more experienced will only work to your advantage. Besides, freshmen are fun to hang out with. The Institute hasn't crushed their spirits or sapped away their youthful energy. And his being on Pass/No Record means he will have plenty of time to spend with you. Don't worry about what others will think, either. Once they see how your malleable young catch scrambles at your every beck and call, they will realize that you knew what you were doing all along. Good luck!

—Arista K.

Dear Arista,

I want to pursue my extracurricular activities, but my semester is just getting increasingly busy and stressful. Should I cut back on my outside activities and focus on academics or try to keep some balance

of work and fun?

—Frazzled Freshman

Dear Frazzled,

It is time you learned that MIT will eat up any and all the time you give to it. If you abandon the things that bring balance to your life, you will end up a sad, smelly wretch who lives in lab and subsists on pasta, cheese, and highly caffeinated sodas. And why live like a grad student when you don't have to? Enjoy your hobbies, manage your time wisely, and most importantly, date an upperclassman who will do your homework for you. Peace.

—Arista K.

Dear Arista,

Is it just me, or are this year's freshmen dumber and better looking?

—Anonymous

Dear Anonymous,

You should give yourself more credit. True, the freshmen may be better looking than you, but it is entirely possible that you are way dumber than they are.

—Arista K.

Do you have a question you're dying to ask Arista? E-mail your question to <feedback@the-tech.mit.edu>, and it could appear in the next installment of "Ask Arista!"

# Ask SIPB

## STUDENT INFORMATION PROCESSING BOARD

Welcome to Ask SIPB. Due to a formatting error in our last installment, we listed a question about Netscape certificates which we did not answer. We will answer the question this week and talk more about Web browsers and certificates.

**Question:** What is a Web certificate?

**Answer:** Web certificates are a digital proof of identity. They are signed by certificate authorities, trusted entities that attest to the certificates' authenticity.

For MIT personal certificates, you identify yourself to the MIT certificate authority using your Kerberos password. Then you are given a signed certificate, proof the MIT authority believes you are who you say you are. Now, any servers that trust the MIT certificate authority will accept your identity. (Example: WebSIS will now let you access your grades.)

As a Web surfer, you can also check a Web site's certificate and its signatories to decide whether to believe the site is what it claims to be and not an imposter.

If the data sent between your computer and the server will be encrypted, that information should be included on the certificate.

**Question:** Can I get certificates with Internet Explorer?

**Answer:** Yes, but only on Internet Explorer 5.5 or higher on Windows.

In Explorer, visit the MIT Certificate page at <http://web.mit.edu/is/cert/>.

Click on "Get MIT CA (Certificate Authority)" to get the master MIT certificate.

Click "Open," and then "Install Certificate." Keep clicking "Next" and then "Finish" (accept the defaults). Click "Yes" when prompted to "ADD the following certificate to the Root Store."

Back at the certificate page, click "Get MIT Personal Certificate."

Fill out the fields and click "Submit." Click "Next" to accept the default settings, then click "Yes" when asked whether "you want to request a certificate now." Click "Set Security Level" and set to High. Click "Next" and create a password. Click OK to start the certificate acquisition, then click "Yes" to install it.

**Question:** Why would Netscape claim it is "unable to generate private key?"

**Answer:** Your certificates are probably corrupted in Netscape. To fix this on Athena, close Netscape, go to your prompt, and type:

```
athena% add infoagents; clear-  
netscape-password
```

Then you will need to get new certificates.

Go to <http://web.mit.edu/is/help/cert> for more information.

If this problem occurs on Windows or Macintosh, read the detailed instructions at <http://web.mit.edu/accounts/www/certificates>.

**Question:** I was trying to go to WebSIS and got the following error:

"Could not initialize the browser's security component. The most likely cause is problems with files in your browser's profile directory. Please check that this directory has no read/write restrictions..."

**Answer:** Your certificates are probably corrupted in Mozilla. Close Mozilla and type at an Athena prompt:

```
athena% add infoagents;  
clearcerts
```

Now you will need to get new certificates. Go to <http://web.mit.edu/is/help/cert> for more information.

**Question:** What is the new icon where Netscape used to be on Athena (the "ugly red dog")?

**Answer:** The icon is for Mozilla, which is replacing Netscape as Athena's default browser. Mozilla is the product of an Open Source project created by Netscape. It is the basis for Netscape 6 and 7, and includes new features not found in those programs.

The icon itself depicts a "Mozilla," based on Godzilla. "Mozilla" is the original code-name for the Netscape browser, a word coined by Netscape founder Marc Andreessen as his "Mosaic killer." Originally colored green, Mozilla became the company mascot in the early days. When Netscape went Open Source, the mascot returned in red.

**Question:** What new features does Mozilla have?

**Answer:** Three new features are tabbed browsing, pop-up blocking, and image blocking.

Tabbed browsing allows you to view many different web pages in one window, reducing desktop clutter. To open a new tab, press Ctrl-T or right-click and choose "Open Link in New Tab." It is easier, however, to enable the option to middle-click to

open a new tab; click Edit -> Preferences, click the triangle next to Navigator if necessary, click Tabbed Browsing, and check "Middle-click or control-click of links in a Web Page."

Mozilla also offers pop-up blocking, which stops new windows (e.g., ads) from popping up. To activate, go to Edit -> Preferences, click the triangle next to Advanced, and click Scripts & Plugins. Then, uncheck "Open unrequested windows." (You can still request windows by clicking on links.) Netscape 7.x, though based on Mozilla, does not have pop-up blocking.

Image blocking allows you to block images (e.g., ads) from certain sites. Simply right-click an image you want to block, and choose "Block Images from this Server." If you ever change your mind, just right-click again and choose "Unblock Images from this Server," or click Tools->Image Manager->Manage Image Permissions, and choose the site to unblock.

Best of all, Mozilla is available on Unix, Windows, MacOS 8/9/X, and many other platforms. You can download Mozilla from <http://www.mozilla.org/>.

In another column, we'll discuss what other browsers are available for various operating systems.

If you have any other questions, feel free to e-mail us at [sipb@mit.edu](mailto:sipb@mit.edu). We'll try to get back to you, and we might put your answer in our next column. Additionally, feel free to visit our Web site, <http://web.mit.edu/asksipb>. We'll be posting copies of our column, and pointers to other helpful resources here.

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## Burchard Scholars Program

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The Burchard Scholars Program brings together members of the MIT faculty with juniors and sophomores who have demonstrated excellence in some aspect of the humanities, arts, and social sciences. 25 Burchard Scholars are invited to a series of dinner-seminars throughout the year to discuss topics of current research or interest by faculty members, visiting scholars, and Burchard Scholars. The 2002 program begins in February.

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 2, 2002**

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# Assassins in a role playing game to die for

By Michelle Povinelli  
STAFF WRITER

It's a cold and rainy Friday night at MIT, and a group of students are sitting around in Room 8-302 eating Domino's pizza, drinking grape juice, and wearing suits with fedoras or evening gowns. A student with a name tag reading "an exotic woman in revealing clothes" is wearing an outfit to match.

At least, that's how you might describe the scene "out-of-game." "In-game," this is Chicago in the 1940's, and we're sitting not in 8-302, but in *Mama Accardo's Ristorante*. An assortment of gangsters and drunks mingle with prostitutes and jazz singers, while an FBI agent and a private detective keep an eye on the proceedings.

The characters in the cafe are all part of "A New Deal," a role-playing game sponsored by the MIT Assassins' Guild. "A New Deal" was set in the world of 1940's film noir and took place last Friday and Saturday.

## Players live vicariously in game

A drunk Irishman (played by Courtney S. Shiley '03) ducks outside the door of the cafe to explain his goals for the evening. "Mostly, to drink," he says. "It'd be nice to get some money, to get laid, but mostly I want to help my friends."

Each player is guided by his or her character sheet, which is written by the game master, or GM. The sheet describes who each character is, and what they are interested in. As the game progresses, plots and subplots emerge.

While each player's goals may change, he or she must try and act true to character. At the beginning of the game, for example, the Mafia crime family was out looking for a stolen car. By the end of the game, they were chasing a murderer loose on the Chicago streets, still faking their Italian accents.

Certain characters have special Ability Cards, which allow them to, for example, turn invisible or pick locks. There is even "sex," which players can have by playing blackjack.

The GM for this game was Philip B. Tan G, who wrote "A New Deal" while taking a graduate course on Film Noir. "It's like being a playwright, only with less control," Tan said.

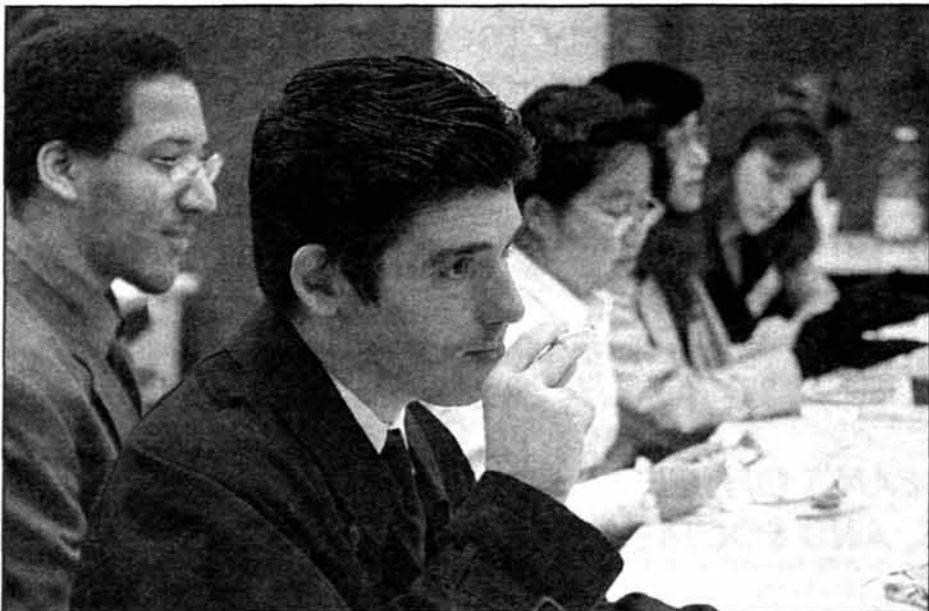
## How to win

In the character-based games like this,



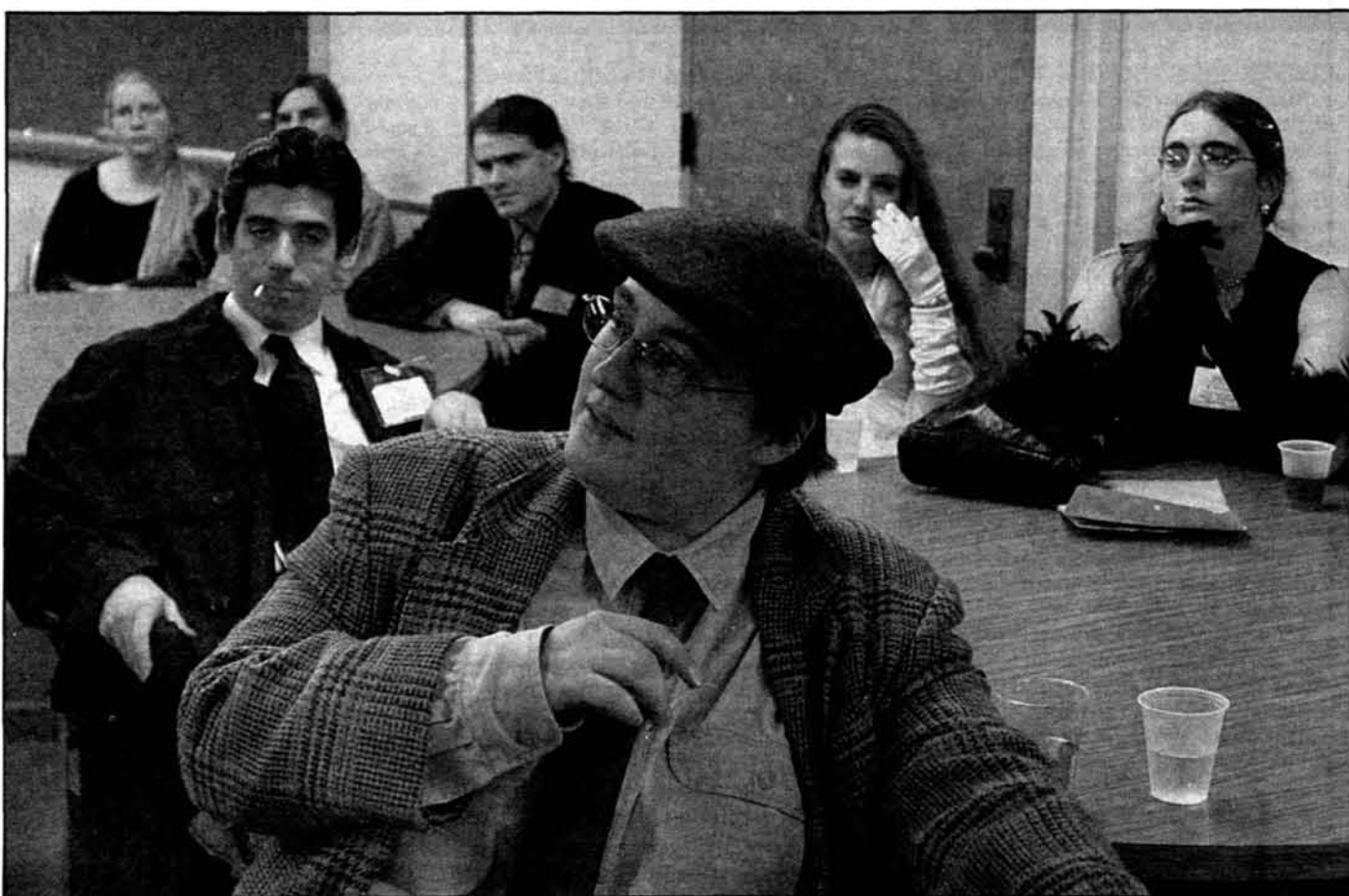
MICHELLE POVINELLI—THE TECH

Sajan Saini G, playing a member of the Accardo crime family, lights a candy cigarette. According to the game rules, characters that have a cigarette in their mouth when wounded take twice as long to bleed to death. Without a cigarette, a character dies if he or she does not receive medical attention within five minutes.



MICHELLE POVINELLI—THE TECH

Santiago Rivas, playing a private investigator, keeps an eye on the scene in the local restaurant. When not searching classrooms for clues, the characters spent a lot of time at the restaurant and bar.



MICHELLE POVINELLI—THE TECH

"A drunk Irishman" (Courtney S. Shiley '03, center) watches a live jazz performance as part of a role-playing game sponsored by the MIT Assassins' Guild last Friday and Saturday. The game, called "A New Deal," was set in 1940's Chicago, and the action ranged across the entire MIT campus. The bar, shown here, was set up in the Experimental Studies Group lounge.

the story can be more important than the action. "In this game, if you die, you don't necessarily lose if you die with style," Shiley said.

Charles Hope, a local lawyer who has been coming to Guild games since 1988, expanded on this view. "It's not about shooting to me, but about which people are telling you the truth and which people are lying to you," he said. "Once you figure that out, there's probably someone you need to shoot."

## Action takes place all over campus

The action of the game takes place all over campus, as players go looking for one another to make deals, trade information, and eventually kill one another off. Of course, not everyone on campus is part of the game; the players occasionally startle a graduate student or two working late in the lab.

When the "restaurant" closes, it's time to move to the bar, located in Building 24 in the Experimental Studies Group lounge. Jennifer K. Chung '02, a pianist, and two singers Susan E. Born '98 and Erin Price, a student at Boston



MICHELLE POVINELLI—THE TECH

Laura A. Boylan plays "a young, attractive Anglo-Saxon woman" working as a personal assistant to the Mayor of Chicago.

College, put on a (real) live jazz performance, while the others sit at tables to watch.

Meanwhile, characters flirt according to carefully prescribed rules. According to the manual, "the first person who fails to come up with a witty retort within five seconds of the last response loses the flirtation."

By Saturday night, a body has been found in the Chicago river, and everyone suspects the bartender. For the rest of the game, the remaining players must team up to stay alive.

## The end... until next time

The Guild holds a number of role-playing games each year, with the longest games run-

ning for ten days. Each one is based on a particular scenario, which can involve anything from aliens to chess-playing nuns to drug dealers in Colombia.

The next game, set in the future on the space colony Lagrange 5, is scheduled from Oct. 25 to Nov. 3. The selling line for the game promises "spies, corporate infighting, dastardly plots, and lots and lots of guns."

Aside from role-playing games, the Assassins Guild also holds shoot-em-up style games each Saturday night, called Patrol. "Take the gun, shoot the person," said Haiyao Huang '06, explaining the rules. "It's a great stress relief."



MICHELLE POVINELLI—THE TECH

After a dead body was found in "the Chicago River," FBI agent Virgil Peterson, played by Clint M. Lohse '05, stood on guard to shoot the villain.

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# Paper Says CAPPS Violates Supreme Court Standard

Security, from Page 1

"carnival booth effect," because, according to Strauss, "just like a carnie, the FBI invites the terrorists to 'step right up' and be flagged."

"The idea of a carnival booth effect was just a result of a logical step-by-step review of the process," said Strauss. "The logical flaw just became apparent after researching and examining the CAPPS system."

"I thought Samidh and Aaron were proposing a great project, because of its scope and ambition," said Professor Harold Abelson PhD '73. "Seeing students perform such outstanding work is one of the real joys of teaching at MIT."

After they submitted the paper for the class, Professors Abelson and Michael M. J. Fischer urged the students to publish the paper.

"If you've discovered a flaw, chances are that the bad guys have discovered it, too, and publication is an effective way to get the flaw repaired," Abelson said.

The paper made its way into the hands of government officials and airline security experts. The students were interviewed for a related story that aired on Boston's National Public Radio station last Wednesday, and the paper will be featured in the *Conde Naste Traveler* magazine.

### TSA says paper a non-issue

The information technology

department at the Transportation Security Administration has examined the paper, but according to Spokeswoman for the TSA Heather Rosenker, the paper "doesn't matter."

"Their whole premise is inapplicable to the new process that we are going to [implement] in the near future," said Rosenker. The new system "is more about the placement of a person in their community ... there will be more robust algorithms drawn from community databases."

Strauss disagreed. "Waleed Al Shehri, a Sept. 11 hijacker, had lived in the United States since 1994. We should learn from our previous mistakes and learn that terrorists are willing to live in the United States for long periods of times in order to commit horrendous acts."

"The risk that Samidh and Aaron uncover in the paper is pretty fundamental, and simply making the system more complex won't get around that," Abelson said. "Of course, with the TSA being secret about what they've actually done, it's hard to judge."

The TSA is moving ahead with CAPPS II, a more complex system that is expected to open to be implemented in the late fall. According to a press release, the new system will now probe "numerous databases from govern-

ment, industry, and the private sector," to determine whether a passenger is a threat.

Strauss and Chakrabarti are not seeking to push their case with the government. Asked about what they plan to do with the paper in the future, Strauss said they are "trying to have the paper published in a printed journal."

### Paper concludes CAPPS illegal

A logical argument is not all that the paper presents. "They did an analysis and developed mathematical and computer models, and then did a legal analysis of the consequences of their findings," Abelson said.

The computer model in the paper, according to Strauss, varies the distribution of threat indices over the general population and over terrorist organizations.

For some runs "we gave the government the benefit of the doubt by basically saying that they have a good profile of traditional terrorists," Strauss said. "But the key flaw of CAPPS is that even with a good profile, terrorists can beat the system by sending in dummy probes."

On average, after a terrorist group successfully sends members on three round-trip test flights, the chance that they will be stopped by CAPPS on the next flight is no greater than through random screening.

The subsequent legal aspect of the paper examines Supreme Court rulings on security measure limitations. Security measures such as CAPPS have been upheld by the Supreme Court by passing the

"stop-and-frisk exception" where an authority has probable cause that the person may pose danger. "Since random searches can catch more terrorists," wrote Chakrabarti and Strauss, "airport security cannot therefore legitimately establish that those passengers flagged by CAPPS have an enhanced likelihood of harm. Consequently, CAPPS fails to meet the standards of the stop-and-frisk exception."

Strauss also said that people should focus more on the recommendations of the paper. "We're not just a wrecking ball destroying facets of airport security," he said. "We should shift our resources away from CAPPS and put them towards security measures that work."

### Experts stress baggage checks

Strauss and Chakrabarti made suggestions for improvements to airline security. One suggestion was that screening bags would be a far more important step than CAPPS.

Daniel Biran, an airline security expert at Kroll, a Washington-based risk consulting company, said that he understood what Strauss and Chakrabarti were saying. Mentioning that the criterion for CAPPS is not openly published, Biran said, "when the only thing used for profiling is technology, there will always be ways around it."

Biran said that based upon a decision by Congress, "basically by Nov. 29 this year, every checked bag will be screened so there will be no advantage to [CAPPS]."

Strauss also mentioned that a terrorist's behavior before committing an act almost always serves as a

warning sign.

Biran, a former member of El Al, an Israeli airline famous for its scrutiny and flawless record, security, also said that human intervention is important. "When you bring in a human factor, it not only looks at an output, but you observe behavior and you will upgrade the level of security you are going to give. Your chances of identifying a problem will be higher," he said.

MIT Police Chief John Difava, who served on the Logan Task Force Committee after Sept. 11, said that the paper had a good argument, but not enough to abandon the system. "What we were doing then was treating everyone as a terrorist instead of figuring out who the terrorists were, and that point resounded to me," he said, recalling the discussions about the pre-Sept. 11 system.

"The thing to remember about 9/11 is that there was no security breach," he said. "The people that got on board to the best of the knowledge of the investigators were legally authorized by the FAA rules and regulations. What happened at Logan would have happened at any other airport."

Difava said that multiple levels of security are key to avoiding such a disaster. "Security is in layers, there is no silver bullet," he said. "Every 10th car going into Logan and every 5th car through the parking lot [is screened]. Could the terrorist be the 9th car? Positively, but the terrorists have to take that risk."

Sheila E. Widnall '61, an Institute professor also on the task force, declined to comment on the issue.

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**If Guatemala Is Really At Peace  
Why Are Indigenous Leaders  
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**Alfredo Ché**

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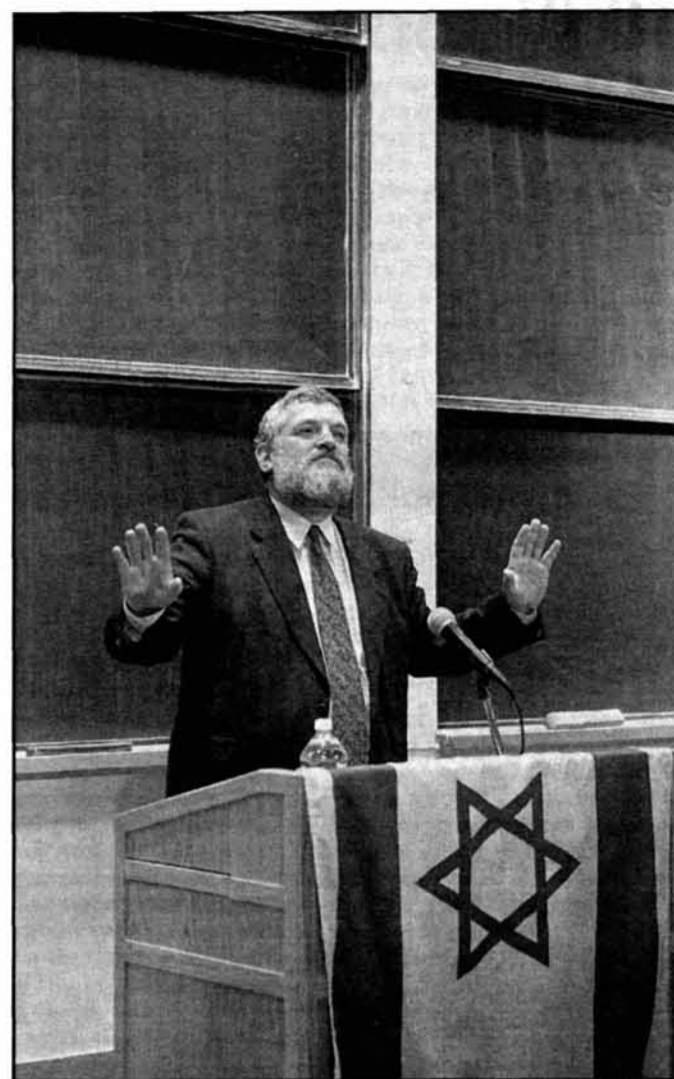
Saturday, October 19, 7 pm

MIT Room 3-133

Guatemala's 36-year-long civil war ended in 1996. 200,000 people were killed, mostly civilians. Roughly 80% of the slaughter was carried out by the Guatemalan military. Political leaders apparently condoned the killing - while certain branches & agencies of the US government had some knowledge of it as well. Now, six years after the end of the war, high-ranking military personnel are for the first time being put on trial for human-rights abuses. Has justice finally come to Guatemala?

Our guest, Alfredo Ché, will discuss the work he & others have done to demilitarize Guatemalan society, to bring about land reform, to guarantee the rights of rural workers, & to build a model for sustainable development that includes respect for human rights. He will also discuss the continuing campaign of political killing in Guatemala: in just the last 15 months, 6 indigenous land-rights activists have been assassinated. Who are the murderers & what are they afraid of?

For more information: <http://web.mit.edu/hemisphere/events/columbus2002.shtml>



Israeli Knesset Member Benny Elon speaks about the situation in the Middle East last Sunday in 10-250 during a lecture sponsored by the MIT Students for Israel.

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# Admins Address Families

Families, from Page 1

question and answer opportunities. Many of these departments are hosting receptions and offering programs to introduce families to the subject. The Department of Civil and Environmental Engineering will be "showing a videotape about the Leaning Tower of Pisa, and there will be a professor there afterwards to answer questions," said Cynthia Stewart, academic programs administrator for the department.

"A lot of people don't understand what civil and environmental engineering is," she said. "Everyone knows about the Leaning Tower of Pisa, so we're hoping to use it to give them a perspective on being an engineer." She expects that the attendees will not just be families of civil and environmental engineering majors.

Other departments aren't expecting many people, and will just be available to answer questions from interested families.

"We're just having two or three people from the department [at our reception], and usually only a handful of parents and kids show up," said Mary C. Potter, a professor in the Department of Brain and Cognitive Sciences.

"The departments were given a time to host receptions," said Margaret E. Devine-Sullivan, assistant director of undergraduate programs at the Sloan school, but "there was going to be construction and a lot of other factors, and we usually only get a handful of people, so we decided not to host a reception," she said, adding that "parents are welcome to stop by anytime," and that "there should be someone here for them to talk to."

### Living groups host families

Several living groups are offering programs for the visiting families, including tours, brunches, receptions, and open houses.

"I'll be taking parents on a tour of Simmons Hall," said Ellen Essigmann, a Simmons Hall housemaster. "There is a lot of curiosity about Simmons, since it's new and a lot has been done since parents dropped their kids off," she said. Parents were required to register for this tour ahead of time.

At Next House, "the housemasters will be giving an open house," said Housemasters Liba and Borivoje Mikic. "The house government and RAAs [resident associate advisors] will be there, and parents will be able to ask any questions they have," they said.

"I think it primarily gives parents a kind of warm and fuzzy feeling to see some of the adults that the students are living with, and to have a face associated with a name," Essigmann said.

### Admins speak on campus issues

There will be a community meeting with MIT administrators Saturday afternoon, where several administrators will talk with the families and answer questions.

"I think we're going to cover the whole shoreline of what's going on and all the changes that occurred over the summer," said Dean for Student Life Larry G. Benedict. He plans on speaking about the many changes in the freshman housing system, the importance of rush and FSILGs to MIT, and alcohol issues. Other administrators will also discuss recent construction and renovations.

Family weekend "is a major communication vehicle between parents and the school," Benedict said. "It helps them feel more like part of the Institute, gives them a sense of community, and gives parents a chance to get their questions answered."

## Family, Faculty and Student Reception

Friday, October 18th

6:45PM - 7:45 PM

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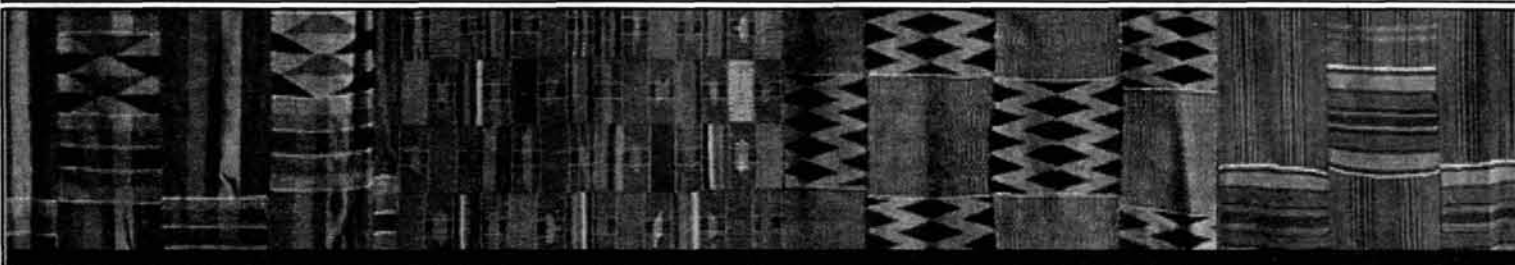
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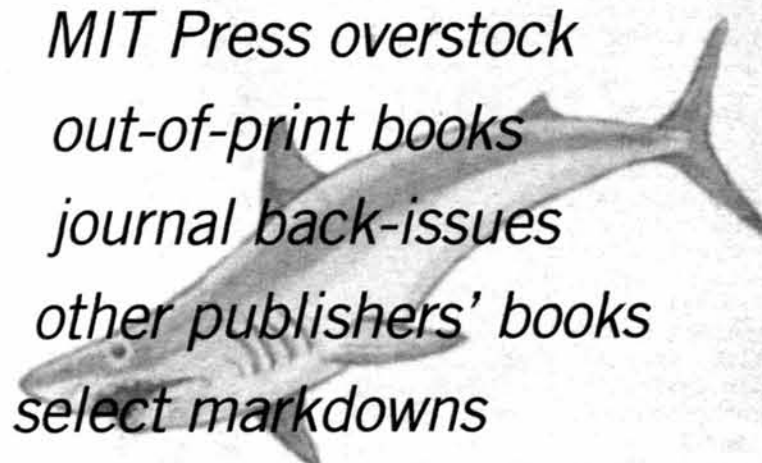
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# Annan Discusses Global Summits, Situation in Iraq

Annan, from Page 1

said, "are stitching the human family ever more closely together." He added that it is lack of trust between cultures that has led to violence.

Annan also lauded the business community for recognizing the need to move beyond what he called the "politics of confrontation" and engaging in policy forums and projects to better human well-being. He urged corporations to join with governments, civil society, non-government organizations, and individuals in forming an alliance for progress and advancing global citizenship.

"Sometimes," Annan said, "we must do what is right simply because not to do so would be wrong."

"We do not want business to do

anything different from their normal business; we want them to do their normal business differently," he said.

## Annan touts Global Compact

One thing businesses could do differently, Annan said, would be to commit to the Global Compact. In 1999, at the World Economic Forum in Davos, Annan launched the Global Compact, which asked businesses to embrace nine principles in the areas of human rights, labor standards, and the environment. Those three areas were ones in which he worried about a "severe imbalance in global rule-making."

The compact, which is a voluntary initiative, now includes businesses, labor federations, and NGOs. By affirming commitment to

the nine principles, it promotes universal values, encourages investment in developing countries, and creates a worldwide academic network to examine what works and what does not.

Audience members agreed with Annan that businesses must undertake more global responsibility.

"Annan is doing the right thing in drawing attention to the role of corporations in a globalized world," said Archana Kalegaonkar G.

Jeffrey Katz SM '80 concurred, saying that it is a real issue that corporations are not living up to their potential as global citizens and stewards.

## Summits show global openness

Over the last few years, nations

have convened at numerous summits and conferences to discuss issues ranging from access to drinking water and primary education to subsidies and tariffs on goods from developing nations. Such meetings, according to Annan, have helped foster understanding among nations.

Recently, nations met at the Millennium Summit in September 2000 to discuss and commit to millennium development goals, which include reducing hunger, providing access to safe drinking water, and ensuring universal primary education by 2015.

Annan said that the net result of the summits and conferences has been a "blueprint for putting people — not states, and not GDP [gross domestic product] statistics — at the center of policy-making." The challenge now, he said, is implementation. And for that, the public and private sectors must forge a partnership.

## Annan comments on Iraq

Following the speech, Annan answered questions from the audience. The most topical question was also the shortest: "Iraq?"

Annan said member states of the Security Council support a two-step process: first, send in inspectors and insist that Iraq comply with inspectors' demands, and second, if Iraq fails, pass a resolution indicating the

consequences for Iraq.

Annan emphasized the importance of Security Council support for military action. He noted that while any country, when attacked, has the inherent right of self-defense, a nation that deals with a broader threat to international peace and security should have the support and approval of the Security Council.

## Annan answers other questions

Responding to an inquiry about the role of corporations in creating a sustainable future, Annan noted that corporations have a unique role — not only can they influence policy-making and steer laws, Annan said, but they can also improve human well-being within their operations.

Annan said that corporations do not need to wait for governments to pass laws regulating pollution or employee training. In Brazil, for example, Volkswagen developed a program of education and treatment for AIDS for its employees and their families after watching numerous employees contract the disease.

This positive portrayal of large corporations reassured some audience members. Caryn Leeds said that she felt comforted that large corporations have been willing to help out situations in developing countries.



VICTORIA FAN—THE TECH

Amanda Wang G, co-winner of 2002 MITSO Concerto Competition, expressively plays Bruch's Concerto No. 1 in G minor, Op. 26 at last week's "Pre-Concert Concert" under Director of Wind Ensembles Frederick E. Harris Jr. who is standing in for regular MITSO conductor Dante Anzolini this year.

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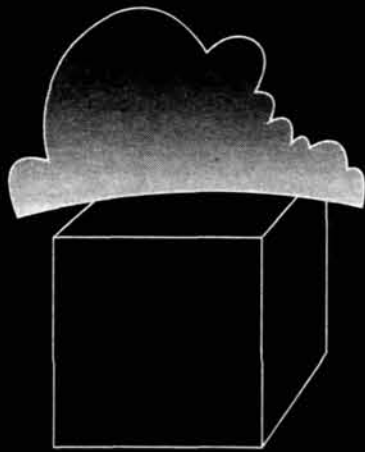


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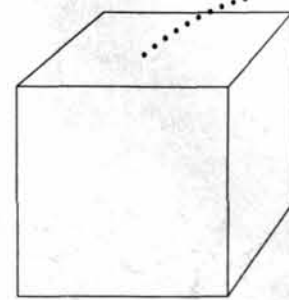


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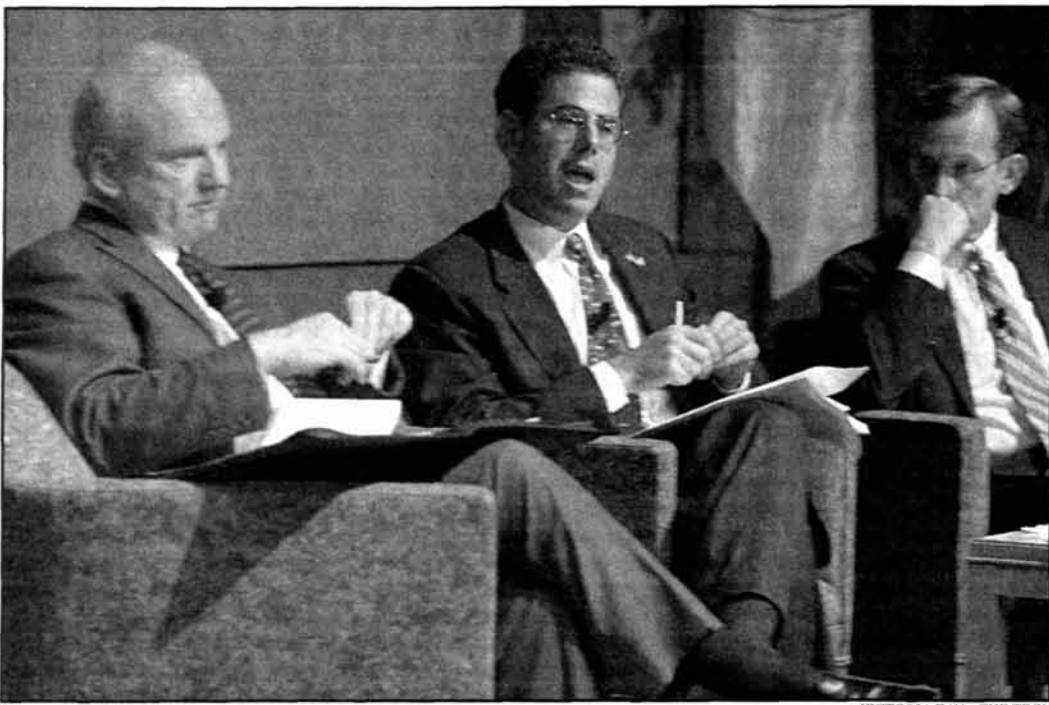


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VICTORIA FAN—THE TECH

At the White House Town Hall meeting of the President's Critical Infrastructure Protection Board held at Wong Auditorium of the Sloan School on Wednesday evening, John Grossman (center), Assistant Attorney General of Massachusetts, responds to a question posed to the panel, with Richard A. Clarke, an MIT alum (left), Special Advisor to the President for Cyberspace Security, and Gary Beach (right), Group Publisher of CXO Media, Inc.

## POLICE LOG

The following incidents were reported to the MIT Police September 16–30, 2002. This summary contains most incidents reported to the MIT Police but does not include incidents such as: medical shuttles, ambulance transfers, false alarms, general service calls, etc.

**Sept. 16:** Bldg. 1, report of stolen laptop computer \$1,700 and several other items stolen totaling \$930; Bldg. 68, laptop stolen \$600.

**Sept. 17:** Bldg. W51, report of attempted breaking and entering, nothing taken; East Campus, larceny of bed linens \$700; Bldg. NW10, report of male yelling, subject gone on arrival.

**Sept. 18:** Bldg. 7, report of suspicious package, everything checks out okay; Bldg. NW21, report of homeless sleeping, directed to shelter.

**Sept. 19:** Bldg. NW30, report of suspicious person in area, checks out okay; Student Center, purse stolen \$55; Bldg. 14, watch stolen \$250; Bldg. 33, report of suspicious person, gone on arrival; Johnson Athletic Center, compressor stolen \$300; Bldg. 18 report of suspicious person.

**Sept. 20:** Boston, Delta Upsilon, report of loud music; Bldg. 56, projector stolen \$500; Bldg. 13, bike stolen \$900; Student Center, wallet stolen \$30; WILG, report of items being thrown off roof; Briggs Field, backpack stolen \$200.

**Sept. 21:** Amherst Alley, Brian M. Reardon taken into custody on an outstanding warrant; Bldg. 26, bike stolen \$450; Bldg. 16, laptop computer stolen \$4,000; Stata Center, graffiti.

**Sept. 22:** Boston, Student House, report of loud party; Briggs Field, report of unknown male riding moped through ball fields; Bldg. W71, bike stolen \$500; Boston, Phi Delta Theta, report of stolen motor vehicle; Theta Delta Chi, report of loud music.

**Sept. 23:** Stata construction trailer broken into and several items stolen, \$4,400; Delta Kappa Epsilon, video projector stolen \$1,200; Student Center, report of suspicious male, unable to locate; Bldg. 38, camera equipment stolen \$700; Bldg. E51, suspicious male, trespass warning issued.

**Sept. 24:** Student Center, report of suspicious person; Bldg. 35, report of suspicious activity; Herman Garage, bike stolen \$450; Bldg. 16, report of stolen projector \$1,500; Student Center, bike stolen \$350; Hayden Library, report of wallet stolen \$30; Bldg. W8, report of male trespassing, issued trespass notice; Bldg. 10, projector stolen \$300.

**Sept. 25:** Bldg. NW62, report of leaf blower stolen \$209; Bldg. 7, report of suspicious male, checks out okay; Bldg. 7, bike stolen \$300; Bldg. 53, report of suspicious male, suspect gone on arrival; Bldg. 10 wallet containing \$150 stolen; Bldg. 13, report of suspicious person, suspect gone on arrival; Bldg. W34, laptop stolen \$3,000, cellular phone charger, unknown value; Bldgs. 1, 7, 14, 16 and W7 vending machines broken into.

**Sept. 26:** Bldg. 8, tools stolen \$2,040; Bldg. 6, laptop stolen \$1,000; Bldg. 16, 1) laptop computer stolen \$1,200, 2) PDA \$150.00, 3) Zip Drive \$100; Burton-Connor, bike stolen \$50; Student Center, 1) bike stolen \$300; 2) bike stolen \$2,000; Bldg. 5, TV stolen \$500; Student Center, fraudulent use of meal card.

**Sept. 27:** Bldg. 54, computer monitor stolen \$500; Bldg. 7, report of stolen business cards \$75; Bldg. E15, report of suspicious person, trespass warning issued; Bldg. 10, report of juveniles loitering in Main Group, gone on arrival.

**Sept. 28:** Boston, Delta Upsilon, loud party; Bldg. 56, suspicious activity; Baker, report of suspicious person, checks out okay; Bldg. NE43, report of larceny of bike, juvenile arrested.

**Sept. 29:** Bldg. 10, check individuals, check out okay; Senior House, report of fight; Bldg. W8, assist State Police with arrest of boater.

**Sept. 30:** Bldg. 13, bike stolen \$50; Bldg. 6, computers stolen \$1,500; McCormick, wallet stolen \$55.

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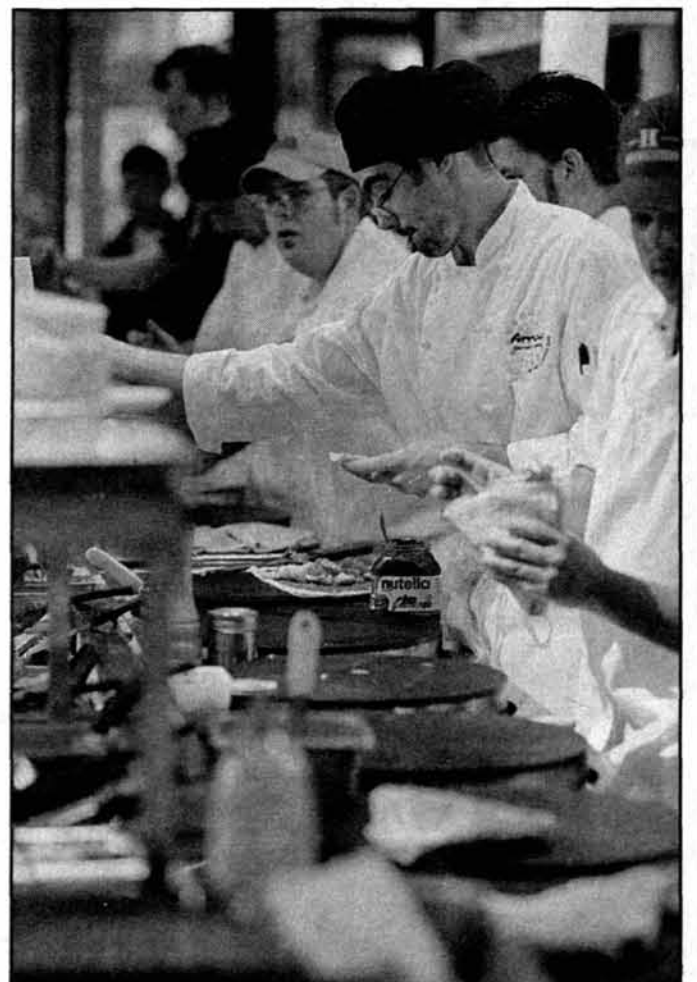
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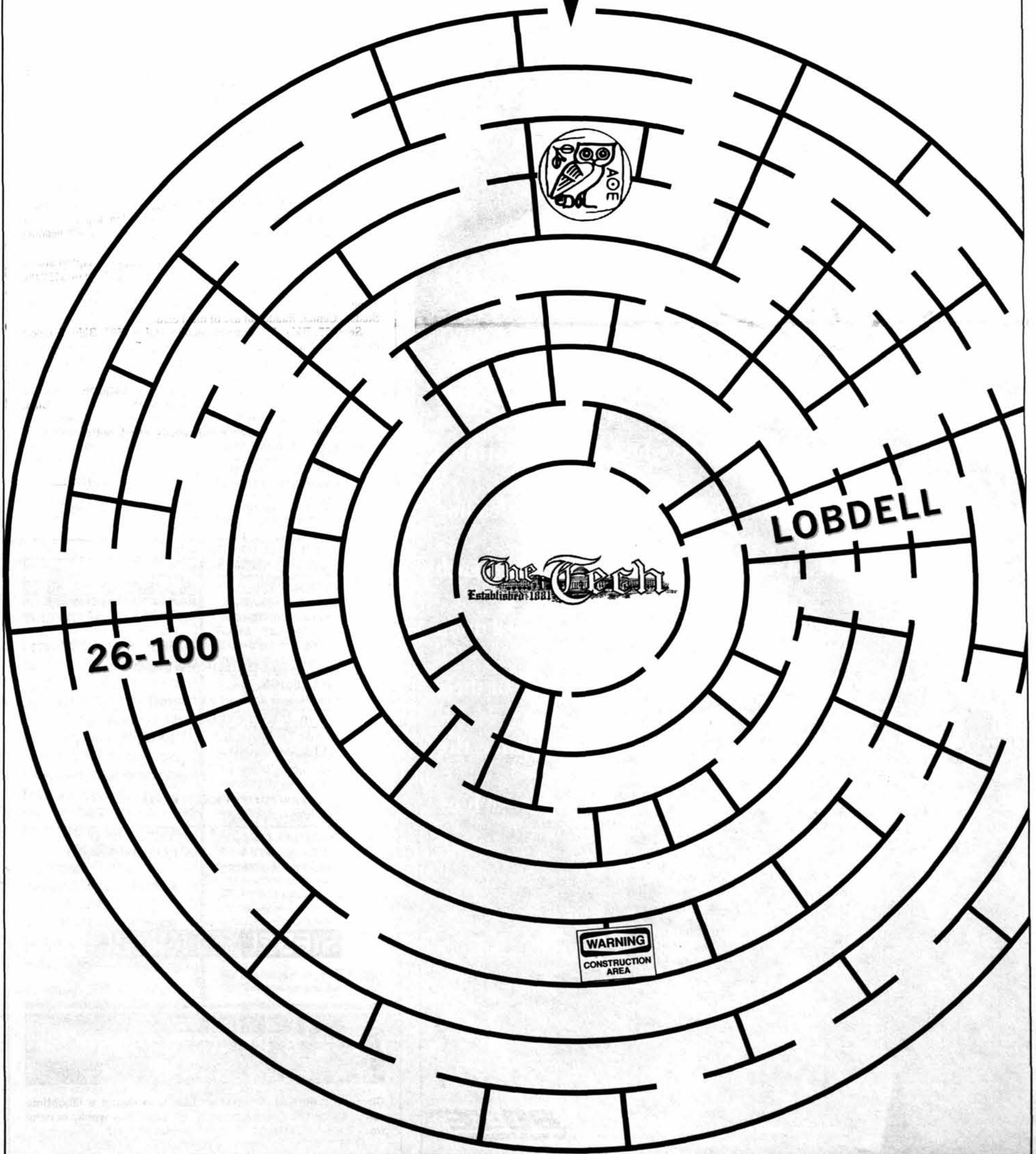


AARON D. MIHALIK—THE TECH

Chefs at Arrow St. Crêpes prepare food during a lunchtime rush. Arrow St. Crêpes opened full time this week, serving from 7:30 a.m. until 11:30 p.m. Monday–Friday.

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LIZ ZELLNER—THE TECH

Members of the King David Peace Drummers from Jerusalem led MIT students in a drum circle, uplifting music and dance on Friday, Oct. 11. The peace drummers were brought to the MIT campus by the MIT Students for Israel.



NATHAN COLLINS—THE TECH

MIT students gaze at turbine-powered Pontiac concept cars from the 1950s outside the Student Center last Friday. The cars were on campus for the Sloan School of Management's 50th anniversary; Alfred P. Sloan, a member of the MIT Class of 1895 and a General Motors CEO in the 1950s, gave money to create the Sloan School.

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**MIT Department of FACILITIES**  
**CAMPUS CONSTRUCTION UPDATE**

**Simmons Hall**  
 Temporary ceiling tiles in main lobby have been replaced. The remaining tiles are on site and will be replaced floor-by-floor. Remaining construction on the building continues and noise is being mitigated so disruption to residents will be as minimal as possible.

**Vassar St. Utilities**  
 Excavation for the steam line to Advanced Energy across Main Street has begun on the night shift, from 9 p.m. to 5 a.m., to minimize traffic impacts in the area. The steam piping and backfill at Johnson Athletics is nearing completion. Vassar St. is now one-way from Main St. to Mass. Ave. until June 2003.

**Stata Center**  
 The west tower crane has been disassembled. Temporary building enclosures are being installed in preparation for inclement weather. Installation of the below-grade supports for the exterior stairs leading to the raised garden continues. Exterior brickwork continues. Interior masonry, HVAC, plumbing, and fire protection work are ongoing.

**Building 3**  
 Excavation in preparation for installation of fire protection service to Building 3 may result in some jackhammering noise prior to 9 a.m. There may also be some intermittent noise from trucks and an air compressor in the area.

**Building 7 ADA accessible entrance**  
 Construction of an ADA accessible entrance to Building 7 is underway. Shrubs and trees on the north side of the 77 Mass. Ave. steps (behind the bus shelter) have been removed to make room for installation of this entrance. Shrubs and trees have also been removed from the south side of the steps so that both sides can be replanted in balance upon completion of the project.

For information on MIT's building program, see <http://web.mit.edu/evolving>  
 This information provided by the MIT Department of Facilities.

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Applications for the IAP 2003 program are available on the UROP website: <http://web.mit.edu/urop/preuopapp.html>.

# Proponents to Focus On Next Year's Fight

Voting, from Page 1

"I think a lot of the opposition has to do with people's perception of teenagers," said Janice Lee, adult advisor of the Boston Youth Organizing Project, a group that works to empower youth. "But these students have proven their maturity. I think we forget what it's like to be a teenager."

**Advocates plan for next session**

Supporters of the bill are anticipating the expiration of the bill in December and are expecting to refile the bill for the next formal session in January.

"I don't see this bill going through before the December filing deadline," Maloy said. "Though this doesn't mean that it's gone for good."

Members of Campaign for Democratic Future from Rindge and Latin high school in Cambridge, the group that led the campaign to lower the voting age, are continuing the effort and plan to focus on the state level for the next session.

"We're all still pumped up," said CDF Co-chairman Adrienne Leslie. "This is an effort that will definitely not deflate."

CDF has been lobbying for lowering the voting age since October 2000, initially hoping to lower the voting age to 16.

"These students want to see this campaign to the end," Lee said.

"We'll be entering a new arena this year as we investigate the state level."

Besides understanding the workings of the state legislature, the students are also seeking to build a larger and more powerful group of young people.

"We're trying to bring together more students and to spread the effort into other schools," Lee said.

**Officials anticipate new campaign**

State and local officials who supported the campaign earlier in the year are looking forward to the continued effort of the students.

"We're going to work it out again in the next session," said Timothy Toomey, City Council member and state representative. "We just need a little more time to explain the importance of this bill to other officials."

In order to refile the bill, the students and other supporters must undergo the whole process again. Local approval must be gained through Cambridge City Council, and then the bill will be sent again to the state legislature.


"Senator Tolman is really interested in the students' campaign," Irish said. "If they are willing to continue the effort, he'd definitely continue to support it."

"The students are really enthused in having a right to vote," said Toomey. "I think we should give it to them."



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BENJAMIN SOLISH—THE TECH

Alpha Epsilon Phi holds an all-you-can-eat Philanthropy spaghetti dinner in La Sala de Puerto Rico on Thursday. Proceeds benefitted the Elizabeth Glasier Pediatric AIDS foundation and the Chaim Sheba Medical Center in Israel.



AARON D. MIHALIK—THE TECH

Maksu Koca plays the asik on Thursday in the MIT Chapel. Koca, born in eastern Turkey and a resident of Istanbul, is on a two-week residency in Boston.

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**Solution to Crossword**

from page 7

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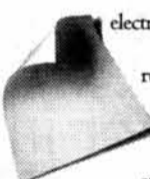
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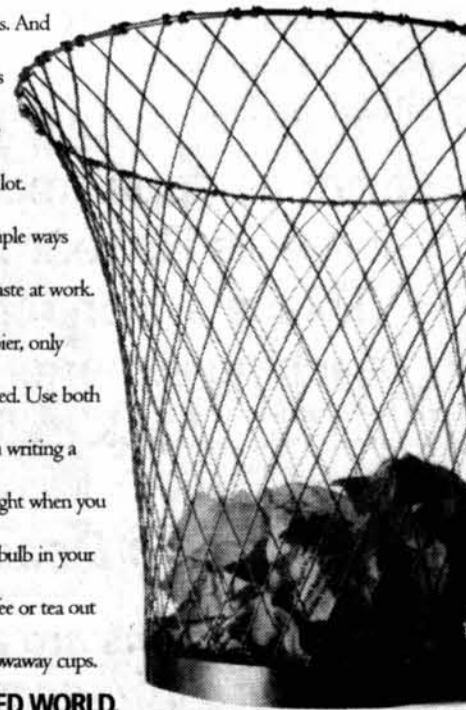


electricity is being used to run computers that are left on. Look at how much water is being wasted in the restrooms. And

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Howard Rheingold is a noted writer and one of the world's foremost authorities on the social implications of technology. He is also former founding executive editor of HotWired, and his previous books include *The Virtual Community* and *Tools for Thought*, both published by The MIT Press.

*Smart Mobs: The Next Social Revolution* is published by Perseus Books, 2002

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ARTISAN

DOOR

IN THEATRES NOVEMBER 1<sup>ST</sup>

THE PLAYERS



# Crews Capture Medals at New Hampshire

By Kevin R. Lang  
TEAM MEMBER

MIT's Men's Heavyweight crews turned in strong performances Saturday at the New Hampshire Championships Regatta, with two novice crews racing to gold medals to lead the charge.

The first novice eight took gold in its division with a 15:41.84 time in the 2.6 mile head race down the Merrimack River, beating the first novice boat from Colby College by more than 20 seconds. The MIT boat featured Michael P. Whitaker '06, Kieran F. Culligan '06, Gregor B. Cadman '06, Erik M. Milosevic '06, Christopher R. Rhodes '06, James S. Otten '06, John J. Bergin '06, and Miles R. Colman '05, with coxswain Mabel Y. Feng '06.

The second eight finished 11th in the novice division in 18:49.82, with rowers Bryan Shieh '06, CMI exchange student Chris Gee, Brian C. Keegan '06, Nicholas A. Allard '06, Edward M. Helvenston '06, CMI student Pravin Bagree, Brian T. Neltner '05, and Igor A. Sylvester '06, along with coxswain Laura A. Hajj '06.

## WPI edges out varsity for bronze

The varsity eight raced to a strong fourth place finish in the open division, only 2.31 seconds behind bronze medal winner Worcester Polytechnic Institute. MIT started the race at the head of the field, leaving a substantial gap between them and the next boat, University of Vermont, but were unable to hold the lead.

"I thought that we raced rather well, especially considering we were about 30 seconds ahead of the crew behind us with nobody ahead of us," said Coach Gordon Hamilton. "Our speeds were quite decent and I know we had some more to give."

# Men's X-Country Excels At Franklin Park Races

By Sergio M. Navarro  
TEAM MEMBER

The MIT men's cross-country team had an exceptional performance last Friday at the All-New England Championships in Franklin Park, finishing 12th out of a field of 46 schools. Coming off the capture of the Codfish Bowl title two weeks ago, the Engineers faced another stiff test against top Division I schools — Providence and Brown — and the toughest Division III schools in the region.

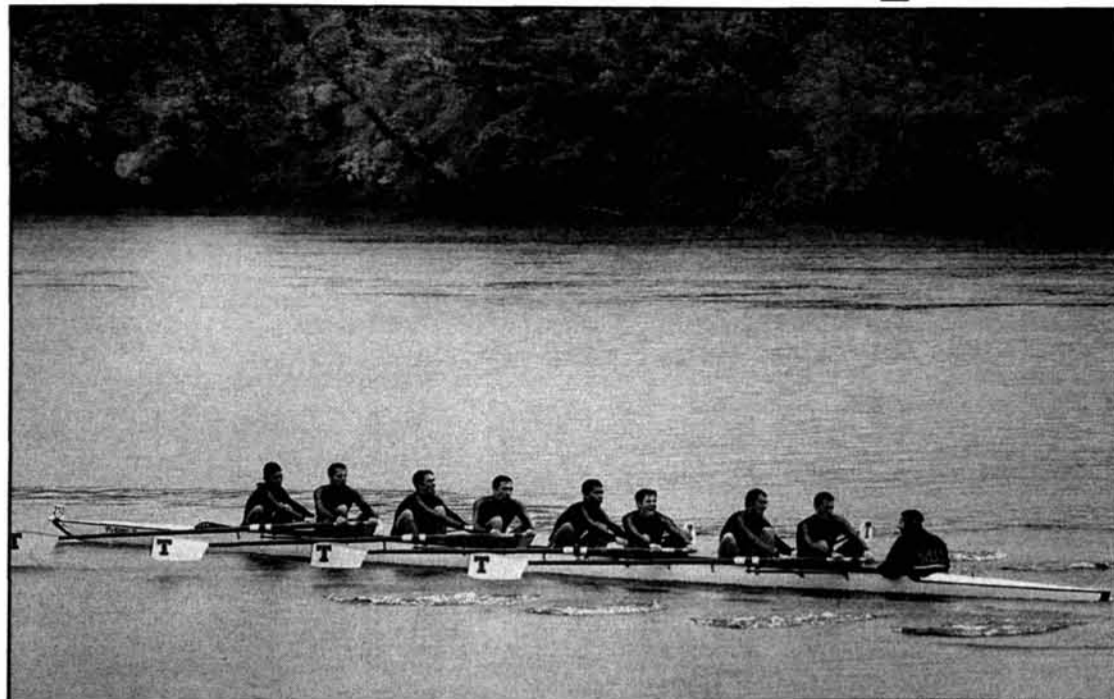
"I was extremely proud of the way our guys competed. Nearly all of our runners ran their fastest times ever, and those who did not had good reason," said Coach Halston Taylor.

In fact, all but four of MIT's seventeen ran their fastest times ever at the meet. Ben A. Schmeckpeper '05 led the Engineers for the day with a stellar time of 24:44, the second fastest time ever by an MIT runner at Franklin Park. Schmeckpeper finished 15th in the drizzling rain, winning All New-England honors.

Captain Sean P. Nolan '03 was close behind his teammate, claiming 23rd place with a time of 24:52.

"I'm impressed with the way everyone ran on Friday. We're improving," Nolan said. "We're a good team, but we have some tough competition and it's going to take some improvement from everyone in order to win the NEWMAC title and place well at the New England Division III championships."

The large gap between Tech's



OMOLEVE ROBERTS—THE TECH

The Varsity Men's Heavyweight eight races to a fourth place finish in the New Hampshire Championships regatta Saturday.

The Merrimack was dead calm throughout the day of racing, although cold temperatures and light but steady rain did not make for completely ideal conditions. "The water was perfect for rowing and I really enjoyed the trip," said Filip Antich '03. "I only regret that we missed a medal due to the unfortunate starting order ... we didn't start together with the best crews on the river."

The varsity eight will look to improve on their performance tomorrow in the Head of the Charles Regatta, with the same lineup: coxswain Craig J. Rothman '05, captain R. Andy Hill '05, Stephen P. Bathurst '03, John J. Cooley '05, Jacob J. Ornelas '05, Antich, Kevin R. Lang G, CMI exchange student Johannes Schiff, and Frederick D. Wang '05 racing in the collegiate eights division.

MIT has high hopes for a medal, and the varsity heavies will be racing for the chance to move back up to the championship eights division.

## MIT fours win three medals

MIT's fours turned in especially strong performances Saturday, with both novice boats medaling and the varsity four taking bronze in a tough open division.

The first novice boat, with Whitaker, Culligan, Rhodes, Milosevic, and Feng coxing, took the gold in the novice division with a nearly one-minute lead over second-place University of Massachusetts-Lowell. The second four, with Cadman, Harry J. Lichter '06, Dan L. Wheeler '06, Adam S. Kaczmarek '06, and coxswain Natalie M. Dang, finished 30 seconds behind UMass-Lowell to take third.

The varsity four faced strong competition in the open division from Bowdoin College, who flew to a gold medal nearly two minutes ahead of MIT. However, the Engineers finished a close third behind Clark College, with a 17:40.04 to Clark's 17:29.94.

"In all, we rowed a good race," said Rocco J. Pigneri '05. "We kept our form for the first half, lost it a bit when we were passed at the one-mile marker by a crew from Bowdoin, and then regained it after another half-mile to finish well." The four featured stroke Pedro A. Arellano '05, Pigneri, CMI exchange student Chris Laux, and Timothy D. Heidel '05, along with coxswain Lee Squitieri '05.

The four will also be competing in the Head of the Charles tomorrow, and a novice eight will race on Sunday.

# MIT Defense Clinches Win To Even Out Record at 3-3

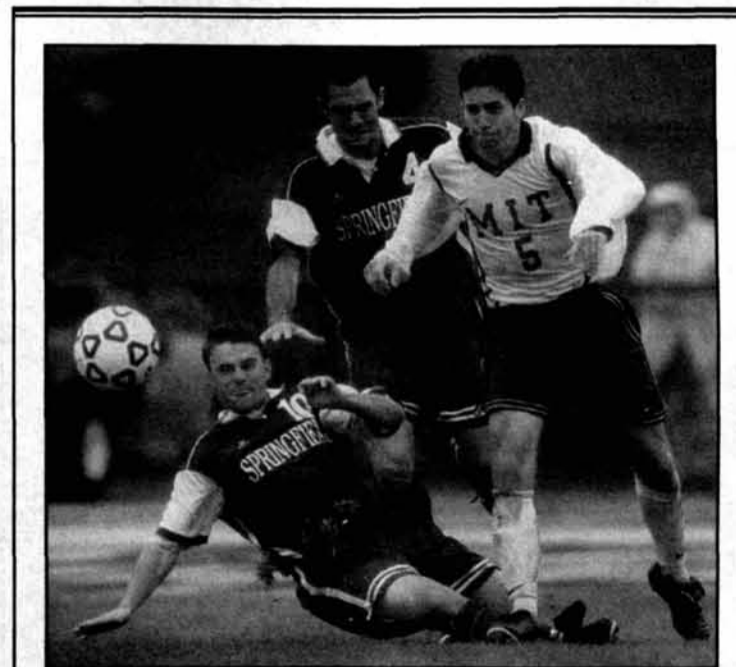
Football, from Page 32

production a non-issue.

Early in the fourth quarter, cornerback Corey D. Carter '03 decided he'd had enough of the suspense. Safety Brian D. Hoying '03 fielded a punt at the MIT 16-yard line and started left; he handed off to Carter, who went right, broke two tackles and galloped up the sideline for an 84-yard touchdown. Needing two scores, WNEC went

to their passing game, but interceptions by Richard H. Park '05 and Carter sealed the win for MIT.

The MIT football team is now 3-3, with a 1-1 record in the New England Football Conference's Boyd Division. With division rival Curry's loss last week to Salve Regina, the Beavers control their own destiny in their remaining three games. This Saturday, MIT hosts UMass-Dartmouth at 1:30 p.m. at Steinbrenner Stadium.



STANLEY HU—THE TECH

Nicholas R. Nestle '04 watches as his cross sails past two Springfield College defenders. Nestle would go onto score two goals in MIT's 4-0 victory last Saturday.

# Volleyball Adds Wins To Record

By Paul Dill  
TEAM COACH

The varsity women's volleyball team had another undefeated week, securing victories against Brandeis University and conference rival Smith College.

Against Brandeis, MIT played one of the weirdest matches of the season. The Engineers took the first two games (30-26, 30-24,) but Brandeis refused to go away. In the third game, they played a crazy style of volleyball that took MIT out of their game. The end result was a Brandeis win.

The Engineers regrouped in the fourth game, however, behind the offense of Joy N. Hart '06 and Caroline D. Jordan '06, who had 20 and 12 kills respectively. Although the team struggled at times to find its groove, MIT pulled away in the fourth game 30-25 to win the match 3-1. Austin Zimmerman '06 came away with a triple-double for the match with 10 kills, 48 assists and 14 digs. This performance helped earn her NEWMAC Conference Player of the Week honors.

## Smith surprises sleepy Engineers

Coming off the bus a bit sleepy, the Engineers found themselves in a 16-8 deficit in their first game against Smith College. The Engineers rallied hard to close the gap, but were unable to, losing 28-30. MIT, however, was not to be denied. Feeding off of an ever-increasing momentum, the Engineers took the next three games in 31-29, 30-27, and 30-19 to win the match 3-1. Kelly A. Martens '03 took charge of the match, tallying 22 kills, while Hart and Nydia M. Clayton '04 added 17 and 11 kills respectively. The steady passing, serving and defense of Jacklyn Y. Wang '06 was also a big factor in the win.

The Engineers stand 23-2 overall and 6-0 in the conference. They currently maintain a regional #2 ranking and a top-30 national ranking.

The team's next home matches are this Saturday, Oct. 19 against Caltech at 11 a.m. and against Plymouth State College at 3 p.m. in DuPont Gymnasium.

# Bad Sports On the Field Are Bad News

Fanatic, from Page 32

touchdown to put San Francisco ahead for good. Known for his unique brand of touchdown celebration, Owens fulfilled his promise. He procured a pen from his sock, signed the football, and handed it to his advisor, seated in the front row.

After the game, many Seahawks players and coaches vilified Owens' action, calling it unsportsmanlike and inappropriate. Though the NFL refrained from taking disciplinary action, I think Owens is more of a distraction than Randy Moss. While Moss gets in trouble off the field, he rarely causes a stir with his actions on the field. From a football fan's perspective, I think Owens' attitude is more harmful to the league. Belittling the opposing team cannot be tolerated, and it reflects badly on your team as a whole. Neither receiver acts commendably, but at least Moss keeps it off the field. What's worse, a bad personal life, or a bad sportsman?

Fantasy pick of the week: Curtis Conway, wide receiver for the San Diego Chargers. QB Drew Brees is only getting better and it will be a shoot-out with Oakland. Conway has to have a big game for the Chargers to stay with the Raiders.

No need to wait for the next issue, you too can write Sports for *The Tech*  
<sports@the-tech.mit.edu>

# SPORTS

## MIT Women's Soccer Wins, Loses, Draws

By Melissa Hart  
TEAM COACH

The women's soccer team stands at 7-4-1 after an exciting week of play in which they won a game, dropped a game, and tied conference rival Wellesley College in a double overtime match.

On Tuesday, MIT faced the U.S. Coast Guard squad, losing 2-1 after a physical 90 minutes of play.

MIT opened the scoring when they were awarded a penalty kick in the first 15 minutes of play after freshman Meghan O'Kane was taken down from behind in the penalty box. Monica F. Morrison '04 put the penalty kick away in the lower right corner of the goal to give the Engineers a 1-0 lead. The remainder of the half was scoreless.

The most costly play of the first half, however, left MIT's leading scorer Shirley Chan '04 unable to return to the game. She sustained a serious knee injury on another rough play early in the game.

In the second half, MIT faced an energized and determined Coast Guard team. The Bears pushed harder and harder, creating difficulties for MIT, who could not seem to settle the game down. About fifteen minutes into the second half, Coast Guard's hustle paid off when an MIT miscommunication in the backfield created a dangerous opportunity. The Bears took advantage, evening the score at 1-1.

Coast Guard continued to pick up



STANLEY HU—THE TECH

With only seconds left in double overtime, Connie Yang '03 makes a leaping save to preserve a 0-0 tie in last Saturday's game against Wellesley College.

momentum throughout the remainder of the game. With twenty minutes to go, the Bears capitalized on another MIT mistake to put in the winning goal.

Though MIT never gave up, they had trouble matching the solidarity, physical play, and persistence of the Bears.

### Wellesley game ends in a draw

On Saturday, the Engineers faced

regionally-ranked Wellesley College on a wet and windy day. Both sides took 13 shots in the 110-minute contest, but outstanding play by both keepers ended the match in a 0-0 draw. Senior keeper Connie Yang made nine saves for MIT in the shut-out draw, including one outstanding tip save with literally half of a second left in the second overtime.

Last week, MIT defeated Babson 2-0 in a conference game. The first

goal was scored by senior Kelli A. Griffin off of a throw-in by Morrison and a header from Chan. The second goal was Chan's as she finished a pass from Diana K. Sterk '06. Defender Ai-ris Yonekura '05 made a fabulous run to create the opportunity.

MIT will face Smith College on Sunday. The Engineers will return home to host Mount Holyoke next Saturday, Oct. 26.

## Football Shuts Out Western

By Christopher P. Anderson  
TEAM MEMBER

MIT avenged last year's home upset by defeating Western New England College 10-0 last Saturday on a rainy, chilly day in Springfield. MIT's defense took center stage shutting down the Golden Bear offense and clinching the victory with two, fourth-quarter interceptions.

It was a tense, hard-hitting afternoon with both teams combining for only 366 yards. The teams traded punts through the first quarter before MIT quarterback Alexander T. Karnal '03 was intercepted. WNEC took over inside MIT territory, but failed to capitalize when a field goal attempt went wide left. This was only the start of a comedy of errors. Another interception, a short punt and a fumbled punt return landed the Bears with the ball inside the MIT 30, but to no avail; the Beavers denied them points again.

Things looked bleak however, when WNEC running back Mike Laroche broke out of the arms of three tacklers and sprinted down to the MIT three-yard line. But two plays later, Laroche fumbled, and two-way lineman Spencer M. Cross '05 recovered the ball. Another missed field goal and a stop on downs kept the scoreboard clean.

MIT's offense showed some life with under two minutes to play in the half. Thanks to a long pass from Karnal to Thomas J. Kilpatrick '05, R. Matt Ramirez was able to kick a 24-yard field goal with three seconds left on the clock.

### Beavers dominate second half

The defense made sure those three points were all MIT needed to win. WNEC was stopped behind the line of scrimmage 15 times in the contest.

Defensive end Kevin Yurkewich '06 continued his "lights-out" season with 12 tackles on the day. Linebacker Brent M. Schreiber '03, and defensive tackle Dan Relihan '04, also posted double-digits, with 12 and 10 tackles, respectively. The offense continued to have difficulty against the Bears' defense and seemingly psychic linebackers, but the suffocating Beaver defense made offensive

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## The Football Fanatic

By O.B. Usmen

COLUMNIST

The last undefeated team fell this week (to a winless team no less), leaving the NFL without a clear favorite in either conference. The Raiders (4-1) proved they were fallible, losing to the hapless Rams (1-5) 28-13. Third-string Rams quarterback Marc Bulger looked sharp and Marshall Faulk rushed for 158 yards in the contest to deliver the Raiders their first loss. Rich Gannon threw for over 300 yards for the fourth straight game and the ageless Jerry Rice hauled in 7 passes for 133 yards, but Oakland had trouble finding the end zone. Still, St. Louis has too many problems to turn the season around completely without Kurt Warner taking the snaps.

### Column

In the big thriller of the week, Miami (5-1) barely got by Denver (4-2) 24-22. With less than a minute left in the game, Jason Elam booted a 55-yard field goal that looked to be the game winner. Miami didn't think so. Orchestrating a five-play, 39-yard drive that spanned 39 seconds, Jay Fiedler put the Dolphins in a position to win the game with a 50-plus-yard field goal of their own. Olindo Mare's kick from 53 yards away cleared the uprights, and Miami came away with the victory. The stunt marked the first time in NFL history that two field goals of over fifty yards were kicked with under a minute left in the game.

### Looking ahead already

When Detroit (1-4) and Minnesota (1-4) took the field on Sunday, neither team was really focused on this season. Both teams lack the talent to compete, so instead they are looking to groom their young players for a turnaround next season. With little at stake, the Lions and Vikings put on a pretty good show, which included a quarterbacking duel that could be a vision of things to come. Daunte Culpepper led his Vikings to a 31-24 victory with an efficient 295 yards in passing. For the Lions, Joey Harrington passed for a Lions rookie record of 309 yards, but came up short with an interception in the end zone at the end of the game.

Both Culpepper and Harrington look to have productive careers ahead of them, but their teams have problems in a number of areas. Minnesota needs a running back badly, but Michael Bennett is developing slower than they had hoped. On defense, Minnesota lacks a playmaker, and will continue to suffer unless they pick up quality players in the draft or through free agency.

There is a little more hope in Detroit. Harrington looks like the franchise quarterback he was drafted to be. The front seven on defense is respectable, with decent depth on the defensive line and speed in the linebackers. The secondary has good young talent in Chris Cash and Andre Goodman. The big weakness is on offense, where injury-prone receivers and undersized offensive lineman will spell doom for Coach Marty Mornhingweg's offensive scheme. It will be a couple years before they are competitive again, but for now at least they've finally got something to root for in Harrington.

### The T.O. way

Before Monday night's game against the Seahawks (1-4), 49ers' (4-1) receiver Terrell Owens promised his financial advisor an autographed football if he scored a touchdown. With the game tied 21-21 in the fourth quarter, Owens made a fantastic catch and scored a 37-yard

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## UPCOMING HOME EVENTS



Friday, Oct. 18

Men's Cross-Country — NEIAAA Championship, 11 a.m.  
Field Hockey vs. Smith, 5 p.m.

Saturday, Oct. 19

Sailing — Lane Trophy, 9:30 a.m.  
Men's Soccer vs. Babson, 10 a.m.



Women's Volleyball vs. Caltech, 11 a.m.  
Men's and Women's Crew — Head of the Charles Regatta, noon to 4 p.m.  
Football vs. UMass-Dartmouth, 2 p.m.

Women's Volleyball vs. Plymouth State, 3 p.m.  
Sailing — Metro Series Six

Sunday, Oct. 20

Men's and Women's Crew — Head of the Charles Regatta, noon to 4 p.m.



MELANIE MICHALAK—THE TECH

A player from Johns Hopkins meets violent opposition from MIT in an attempt to score. After wins against Grove (19-2) and Washington and Jefferson (5-4), a close loss to Johns Hopkins (6-7) placed the Engineers second overall in the Division III Eastern Championships held this weekend at the Z-center.