

## RIAA Sues Six More MITnet Users

By Kelley Rivoire  
EDITOR IN CHIEF

Six MIT students are among the 757 individuals the record industry sued for copyright infringement two weeks ago. The record companies allege that the students shared songs over the Internet without authorized permission.

The students are identified only by the IP addresses used at the time the songs were shared. The record industry has requested court permission to issue subpoenas that would require MIT to provide the names corresponding to the IP addresses. The Record Industry Association of America, which files the lawsuits on behalf of the record companies, notifies university administrators prior to filing the suits, RIAA spokesperson Amanda Hunter said in an e-mail.

Including the new round of lawsuits, the record industry has sued 29

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## Initiative To Assist FSILG Retention

By Marie Y. Thibault  
ASSOCIATE NEWS EDITOR

A new spending initiative from MIT will commit \$250,000 to building community in fraternities, sororities, and independent living groups — an effort with unclear benefits, said Interfraternity Council President Christopher P. Child '06.

The new plan, called the Recruitment and Retention Initiative, is intended to help FSILG members become more financially self-sufficient. It will allocate money for workshops and retreats designed to educate FSILG members, develop chapters, and strengthen alumni and community relations.

Stephen D. Immerman, senior associate dean for student life, said he did not know exactly how the \$250,000 RRI figure was determined, but that most likely it was calculated by taking the fixed cost per person, \$5,000, and multiplying it by the number of beds open, then subtracting savings from the FSILG cooperative and various grants.

"We want to focus on how we can enhance a chapter's ability to be competitive instead of just pay for empty beds," said Stephen D. Immerman, senior associate dean of student life, this summer.

Unlike its predecessor, the Financial Transition Plan, RRI funds will not be distributed directly to houses. Instead, chapters can apply for hardship grants funded within the RRI allotment if they have made efforts to improve their financial situation but continue to struggle, said David N. Rogers, director of FSILGs.

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## ABC Says MIT's Nuclear Reactor Unsafe

By Beckett W. Sterner  
NEWS EDITOR

How vulnerable are nuclear research reactors to terrorist attacks? An ABC News investigative report that aired last night claimed that many university reactors, including MIT's, need to take stronger security measures to protect their uranium stocks.

ABC's report, which wades into the highly technical and classified topic of nuclear reactor security, has encountered controversy over some of its claims. The report often elides important differences between the reactors that would influence the risk levels of certain attacks.

There are three major ways in which the uranium used by a reactor could play a role in a terrorist attack: theft for use in a weapon, a bomb detonated outside the reactor, and a bomb exploded near the reactor core.

In ABC's investigation they were able to park a large truck about 30 feet from MIT's reactor. However, that distance is not significantly less than the distance to Albany Street, and is still larger than the reactor's security perimeter, said Nuclear Reactor Laboratory Director David E. Moncton PhD '75.

Considering the broader context of terrorist attacks, MIT's reactor



RICKY RAMIREZ—THE TECH

A student operator, whose name MIT refused to release citing security reasons, sits at the control board for MIT's nuclear reactor.

poses relatively little threat, said Police Chief John DiFava.

For example, he said, there is a 800–900 foot long liquid natural gas tanker that docks in Boston Harbor regularly. "I don't think anybody re-

ally knows what would happen if that hull would breach," he said, noting divergent studies that suggest the fuel may just burn or could result in a 3-mile radius explosion.

Regarding MIT's reactor, he said,

"is it a real risk — is it a perception issue, or is it just people who are hostile to nuclear power?"

The MIT reactor is used for med-

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## Average City Property Tax Rates to Remain Constant

By Rosa Cao  
STAFF REPORTER

Cambridge residential property tax rates, originally projected to rise by 2.5 percent, will instead remain constant this fiscal year. This year, an election year for Cambridge city councillors, marks the first time in 10 years that taxes have not risen.

Contentious tax increases last fiscal year resulted in some homeowners' taxes jumping by 11 percent or

more because of updated appraisals of their properties.

This year, 46 percent of homeowners will see their tax payments decrease, while about 50 percent will experience an increase of under \$250, according to information provided by the City of Cambridge. The average payment is quoted at \$7.38 per \$1,000 of property value, the lowest in Mas-

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## Mathematics Alumnus Aumann Wins Nobel Prize in Economics

By Diana Jue

When Robert Aumann PhD '55 was told that he was one of the winners of the 2005 Nobel Prize in Economic Sciences, he was also told to suppress his most basic urge — and keep the secret for 15 minutes. When it finally became public knowledge, "there were many hugs and kisses," he said.

Aumann, 75, who received his doctoral degree in mathematics from MIT, will share the \$1.3 mil-

lion prize with University of Maryland Professor Thomas C. Schelling for "enhanced our understanding of conflict and cooperation through game-theory analysis," according to the Nobel Foundation.

Game theory is a branch of mathematics that analyzes "interaction between entities," including "organizations, companies, and even species," he said. Each party is out to maximize its own well-being. "It's an underlying theory, rather than a specific application," and can be applied not only to parlor games, but also to economics, elections, war, and international relations, he said.

Aumann's contributions to game theory primarily involve the use of mathematical analysis to develop concepts and hypotheses. In his work on the theory of repeated games, Aumann showed that in the long-term, peaceful cooperation is sustained between parties, even when they have drastically differing interests.

John F. Nash, a former C.L.E. Moore instructor and winner of the 1994 Nobel Prize in Economics, introduced him to game theory while he was a graduate student at MIT, Aumann said.

Bengt Holmstrom, head of the Economics Department, said that Aumann "has been the main force behind the game theory revolution that has so profoundly changed academic research in economics."

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RICKY RAMIREZ—THE TECH

Edward Cussler, winner of the 2005 Ig Nobel Prize in Chemistry, talks about how he and his lab partner, Brian Gettelfinger, answered the question: "Can people swim faster in syrup or water?" The Ig Nobel Prize lectures were given last Saturday in 10-250. Information, including videos, can be found at <http://www.improbable.com>.

### NEWS

A National Academies panel including President Emeritus Charles M. Vest urges the U.S. to become more competitive in the sciences.

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### OPINION

Ruth Miller criticizes the UA following another year of low turnout in Senate elections.

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# WORLD & NATION

## Pentagon Says Iraqi Forces Are Improving, But Still Can't Fight

By David S. Cloud and Eric Schmitt

THE NEW YORK TIMES

WASHINGTON

Iraqi security forces are growing steadily more capable, a Pentagon report made public on Thursday said. But senior American officers say the Iraqis remain at least a year away from being able to take over primary responsibility from American troops for fighting the insurgency.

The report, a quarterly assessment required by Congress of the capabilities of the Iraqi armed forces and police, concludes “there has been steady progress” since June at getting Iraqi units to undertake counterinsurgency operations “with minimal direct support” from American forces.

But a senior American officer in Iraq, while acknowledging that cooperation in combat is improving, said that other shortcomings prevented the Iraqis from operating without the help of American troops.

“Our assessment is that the Iraqi Army will not be ready for autonomous operations for at least another year,” said the officer, speaking on condition of anonymity because his views are less optimistic than those of his superiors. “We are very, very effective in combined operations, but that is because we can compensate for their lack of capability in critical areas and provide them with leadership, mobile protected firepower, command and control and logistics that are lacking in their formations and still under development.”

## Indian Company to Make Generic Version of Flu Drug

By Donald G. McNeil Jr.

THE NEW YORK TIMES

A major Indian drug company announced Thursday that it would start making a generic version of Tamiflu, the anti-influenza drug that is in critically short supply in the face of a possible epidemic of avian flu.

“Right or wrong, we’re going to commercialize and make oseltamivir,” said Dr. Yusuf K. Hamied, chairman of Cipla of Bombay, using the drug’s generic name and acknowledging that he might face a fight in the Indian courts with Roche, the Swiss pharmaceutical giant that holds the patent.

Although generic manufacturers cannot legally sell the patented drug in the West, all national patent laws, including those of the United States, allow governments to cancel patents during emergencies and either buy generics or force patent holders to license their formulas to rivals.

## U.S. Trade Deficit Continues to Grow

By Vikas Bajaj

THE NEW YORK TIMES

The nation’s trade deficit worsened in August, all but erasing a brief improvement in July, the government reported Thursday. Another report showed that import prices surged last month as the cost of oil, natural gas and other energy products jumped after the two severe hurricanes hit the Gulf Coast.

Americans imported \$59 billion more in goods and services than they exported in August, up 1.8 percent from July, with the growth largely driven by bigger and more expensive imports of energy commodities, according to the U.S. Department of Commerce. Exports of airplanes, cars, chemicals and soybeans increased but not enough to offset larger energy imports.

In another report, the U.S Department of Labor said that import prices jumped 2.3 percent in September, the biggest monthly jump since October 1990. Petroleum prices rose 7.3 percent, and natural gas costs soared 28.8 percent in the aftermath of hurricanes Katrina and Rita. Prices for imports excluding fuels rose a more modest 0.4 percent.

# Chechnyan Insurgents Attack Police in Coordinated Strike

By C.J. Chivers

THE NEW YORK TIMES

NALCHIK, RUSSIA

Islamic insurgents attacked at least nine police and security buildings on Thursday in this southern Russian city in coordinated daylight raids, witnesses and the authorities said, further spreading Russia’s battles beyond its roots in the break-away republic of Chechnya. Russian officials said at least 85 people died, most of them insurgents.

One band of the masked gunmen overwhelmed a police station and captured hostages, including police officers, and held them into the night. The authorities said they had entered negotiations to try to set the hostages free. Two gun shops were also sacked.

Russian officials cautioned that the military operation was continuing and the death count could rise. According to initial tallies, 12 police officers and 12 civilians were among those killed.

There were also signs of a planned Russian sweep of areas suspected to hold more gunmen, as a senior government official announced that President Vladimir V. Putin had told

the authorities to block the routes in and out of the city, and ordered the destruction of any insurgents who resist. A local radio station called on residents to stay in their homes.

“The president has ordered us to keep every militant within Nalchik and to eliminate any armed person resisting detention,” said First Deputy Interior Minister Alexander Chekalin. “The order of the president will be fulfilled.”

Armored vehicles and a heavy presence of Russian troops set up checkpoints. The city, which was almost fully under the authorities’ control by late afternoon, fell mostly quiet at night.

The attacks, in Russia’s Caucasus region, took place in a city that had remained free until now of the worst violence that has stalked southwestern Russia since war began in nearby Chechnya in 1994, and cast fresh doubts on the Kremlin’s insistence that the region has been stabilizing and returning to its control. Violence this year had already flared anew in Dagestan, where insurgents have been killing police officers and soldiers with near regularity, and last year guerrillas and terrorists con-

ducted large operations in the nearby republics of Ingushetia and North Ossetia, where 331 people were killed in the school siege in Beslan.

The fresh attacks sent ripples through the region. The president of the Kremlin-installed government in Chechnya announced that his local forces had been put on alert, as did leaders in Ingushetia. Ramzan Kadyrov, the leader of an irregular force of former Chechens guerrillas that is at least publicly loyal to Moscow, offered to send his fighters to Nalchik’s aid.

Nalchik itself, a city of about 275,000, is the capital of the internal Russian republic of Kabardino-Balkaria, crowded with reinforcements, including special Russian army units. Late on Thursday night convoys of trucks carrying soldiers and an armored personnel carrier were also visible on the roads north of the city, heading toward it. Although it was not immediately evident who was responsible for the attacks, a Web site that often carries messages from Chechen terrorist Shamil Basayev, who planned the school siege in Beslan, said the attackers were Islamic fighters aligned with Chechen separatists.

# Rumsfeld Says Nicaragua Will Destroy Missiles As Promised

By Eric Schmitt

THE NEW YORK TIMES

KEY BISCAYNE, FLA.

Political obstacles have stymied Nicaragua’s pledge to destroy its arsenal of portable anti-aircraft missiles, but Defense Secretary Donald H. Rumsfeld said Thursday he received assurances this week that the remaining arms are being properly secured.

Rumsfeld has been pressing the Nicaraguan government for more than a year to eliminate all of the shoulder-fired missiles supplied by the Soviet Union and Cuba during the 1980s. American intelligence officials have said that the missiles are prized by terrorist groups, who might use them to down commercial airliners.

So far, Nicaragua has destroyed about half of the 2,000 missiles under government control, Pentagon

officials say, but none since February when the National Assembly, dominated by opponents of President Enrique Bolanos, stripped him of the authority to dispose of the weapons. The Assembly required that Bolanos seek its approval for any further destruction of the arms, but has yet to grant such approval.

“Progress has been made,” Rumsfeld said at news conference here to conclude a two-day meeting with Central American defense and security ministers. “There have been obstacles put in the way of completing the program for the destruction of those missiles. And for the present time, the obstacles have slowed that progress.”

In an interview on Wednesday with reporters traveling with him, Rumsfeld praised the Bolanos government and Nicaraguan armed forces for trying to honor its promise to

destroy the arms, and he blamed the National Assembly for the impasse.

In a meeting on Wednesday with Nicaragua’s defense minister, Avil Ramirez Valdivia, Rumsfeld said he had “been assured that the existing missiles are being maintained in a secure manner, which is reassuring.”

Earlier this year, after a Soviet-made SA-7 missile was purchased on the black market in Nicaragua in a sting operation by an undercover team of American and Nicaraguan law enforcement agents, the Pentagon suspended military aid, including training and equipment, to Nicaragua.

But in response to the Nicaraguan military’s cooperation in securing the remaining missiles during the political stalemate, the Pentagon recently allowed military aid to resume. “It became a political issue,” said the Pentagon’s top Latin American policy official, Roger Pardo-Maurer.

# WEATHER

## Sun Returns Sunday

Angela Zalucha

On Saturday, an approaching cold front from the west will help push out the gloomy weather that’s been here all week, resulting in a beautiful (but breezy) fall day on Sunday. The pesky low pressure system situated off the Virginia coast that has been giving us so much rainfall will finally get moving, after dumping over nine inches of rain in New York City. Boston, being at the edge of the system, escapes with a mere three, nearing the normal total October precipitation (3.30 inches) only halfway through the month.

The situation is this: the jet stream, a “river” of upper level air that blows from west to east across the northern U.S., helps blow weather systems across the country in a timely manner. This week, however, it became detached from the low pressure system now sitting off the coast of Virginia, rendering it a “cutoff low,” because (as you can guess), it became isolated from the jet stream’s flow. This sets up what is called a “blocking pattern,” where the normal west to east progression of weather systems is halted. The jet stream doesn’t help move the low along, and as a result the low just keeps raining over the same spot all week. Such a pattern can persist for weeks or more.

Temperatures will remain near normal over the weekend, though the nights might be a little chillier. The clouds, while preventing sunshine, also help trap heat at night, keeping us in the mid 50s°F as opposed to the normal mid 40s°F.

### Extended Forecast

Today: Rain. High 60°F (16°C).

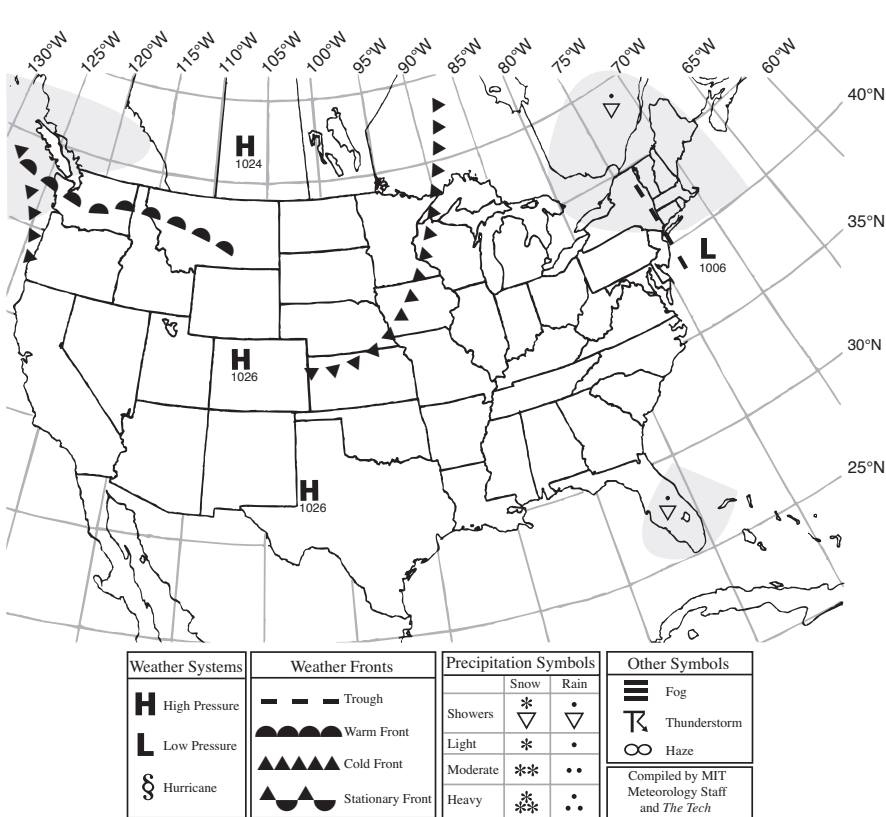
Tonight: Rain. Low 55°F (13°C).

Tomorrow: Showers, then rain ending. High 65°F (18°C).

Tomorrow night and Sunday: Partly cloudy. Low 50°F (10°F). High 63°F (17°C).

Monday: Partly Sunny. Low 47°F (8°C). High 63°F (17°C).

Situation for Noon Eastern Daylight Time, Friday, October 14, 2005



# One of the Largest Brokerage Firms to Close for Lack of Cash

**By Jenny Anderson**  
*THE NEW YORK TIMES*

Refco, one of the world’s largest futures and commodities brokerage firms, said Thursday that it would cease operating one of its two main businesses because of a lack of cash.

The announcement, coupled with another cut in its credit ratings, sent Refco’s bonds into a tailspin, a sign that creditors believed the company would default.

Refco imposed a 15-day moratorium on the activities of its capital markets business, an unregulated entity that offers securities services like stock lending and foreign exchange and fixed-income transactions, informing customers that they could liquidate their accounts but not get the funds in them for 15 days.

The moratorium appears to have been prompted by an exodus of client accounts.

“Customers were withdrawing their accounts and liquidating what they could and moving cash out,” said Tom Foley, a credit analyst with Standard & Poor’s, which downgraded the company’s debt twice

this week. The announcement of the moratorium, and the general uncertainty around the company, caused some clients of the firm’s regulated futures brokerage business to pull their money out as well.

The firm remains in a precarious financial position. On Monday, the company announced that its chief executive, Phillip R. Bennett, and Santo C. Maggio, head of capital markets group, would be on leave indefinitely as the company investigated a \$435 million debt owed to it by a company controlled by Bennett. The company has said its financial statements back to 2002 cannot be relied upon.

Bennett, 57, repaid the money on Monday, but was arrested on Tuesday night and charged with securities fraud, accused of hiding the debt at the end of every quarter from investors and regulators.

As some clients run for the exits, Refco is faced with two pressing problems: trying to persuade its creditors, led by Bank of America, Credit Suisse First Boston and Deutsche Bank, not to force the

company to repay its loans; and trying to persuade clients that it has enough money and stability to continue operating.

Refco said that its regulatory capital at Refco LLC, the regulated futures commission merchant, and Refco Securities, its regulated broker dealer, have been “substantially unaffected by the events of the week.”

The chairman of the Commodity Futures Trading Commission, Reuben Jeffery III, sought to quell concerns by saying that there were sufficient customer funds in the regulated entity.

“In our sampling of the accounts, nothing has come to our attention on the regulated side indicating insufficiency of customer funds,” he said.

But others say no such confidence can be placed in Refco itself.

“This hasn’t happened since Drexel Burnham Lambert,” said Foley, referring to the investment bank that shut its doors virtually overnight after creditors shied from lending it money. “It looks like Refco will default on its debt, at least technically.”

# Potential Conflict of Interest Seen In New Credit Counseling Mandate

**By Eric Dash and Jennifer Bayot**  
*THE NEW YORK TIMES*

A requirement of the new bankruptcy law that sends Americans into credit counseling before they can erase their debts is drawing criticism from consumer advocates, bankruptcy lawyers and financial educators, who are concerned that the lenders are subsidizing the advice.

Critics say that the new counseling requirement, part of the law that takes effect on Monday, increases the risk that people will be improperly steered away from the courts and into debt management plans, for which the counseling agency often receives part of the creditor’s fees.

“Lots of people see the opportunity to make lots of money off the backs of consumer debtors, and that should make people extremely cautious about this,” said Karen Gross, a New York Law School professor and president of the Coalition for Consumer Bankruptcy Debtor Education advocacy group.

The counseling agencies, which will receive no additional government aid under the new law, are increas-

ingly reliant on funds from the credit industry. And the industry has already pledged \$10 million to the agencies for this year, and possibly more.

Although the agencies maintain that they balance the competing interests of debtors and creditors, the aggressive practices of some counseling providers have been questioned by Congress and scrutinized by the Federal Trade Commission and the Internal Revenue Service. Indeed, IRS officials say that they will propose revoking the nonprofit status of at least 20 agencies by the end of the year.

Credit counseling industry officials say their services can help consumers make informed decisions about their finances.

William P. Binzel, chief counsel of the National Foundation for Credit Counseling, an industry group, compared a counseling session to a medical briefing before surgery. The agencies must present a range of alternatives, he said, just as a doctor must explain the procedure and its potential outcomes.

Right now a credit counselor’s office may be harder to find than a health

care provider. While more than 2 million people are expected to seek counseling next year as a prerequisite to filing for bankruptcy, there are only 50 or so agencies approved so far — and there may be fewer if the IRS carries out its proposal. In many parts of the country, from entire states like Ohio and to major cities like Nashville, Tenn., counseling will be available only by phone or over the Internet — at least until the government approves more agencies.

“On the surface, the notion that people should consider their alternatives is not a bad theory,” Gross said. But “the way the system is structured suggests that will not happen.”

The credit counseling requirement is part of the amended bankruptcy act that changes the balance of power between debtors and creditors. Intended to make it more difficult for Americans to wipe out their debts, the new law requires a thorough review of whether they can pay off at least some of their credit card bills and other debts. It will also ask debtors to pull together more paperwork, increasing the time and legal costs of filing.

# Avian Flu Arrives in Turkey As Birds Drop by the Thousands From Disease

**By Elisabeth Rosenthal**  
*THE NEW YORK TIMES*

ROME

Thousands of birds that died in Turkey in the past week succumbed to the same deadly avian influenza virus that has ravaged Southeast Asia in the past five years, medical tests done in Britain confirmed Thursday. It was the first time that the disease had been reported in Europe.

The development signaled a new phase in the spread of the deadly virus across the globe.

“We can now say that it was definitely the H5N1 virus,” said Dr. Samuel Jutzi, director of the Animal Production and Health Division at the U.N. Food and Agriculture Organization in Rome, which tracks animal diseases. But he suggested that the next stop for the virus would probably be countries near Turkey and African nations, rather than western Europe, because the virus is believed to be traveling with flocks of migratory birds moving south for the winter.

The H5N1 strain of bird flu has been responsible for tens of millions if not hundreds of millions of animal

deaths in Asia since it appeared in 1997. Efforts to control it have cost governments in the region billions of dollars. It has infected about 120 people, generally those in close contact with sick birds. About half of the infected people have died.

The new test results were first announced Thursday morning by the European Union’s health commissioner, Markos Kyprianu, who said the commission was proposing to set aside 1 billion euros to make and distribute flu drugs and vaccines in case of a human pandemic. He urged countries to “stockpile anti-viral” drugs “as the first line of defense” for people.

But Jutzi emphasized that, for now at least, “we continue to state that this is an animal disease, an animal health problem, that we want to deal with aggressively in order to prevent a human pandemic.”

Though the deadly H5N1 strain does not currently spread from person to person, scientists have worried that it may acquire that ability.

The most effective way to prevent such a mutation is to control and

squash outbreaks in animals, Jutzi said, noting that U.N. member states had donated only \$30 million for that purpose, though \$175 million was requested more than two years ago.

“The amount we have is rather ridiculous compared to what health authorities in many countries are investing in stockpiling medicines,” he said. “The international community should invest in preventing the pandemic, rather than just pandemic preparedness.”

The spread of the disease into Europe was predicted by many veterinarians over the summer, after the disease started moving west from Southeast Asia, where there have been frequent outbreaks. It moved into Mongolia, western China, Russia and Kazakhstan — just over the mountains that separate Asia from Europe — borne by migrating birds. Most recently, Iranian health authorities have reported deaths among wild ducks.

U.N. authorities say that Turkey and Romania, which also reported recent bird deaths, quickly took action to control the disease.

## CIA’s Clandestine Unit Will Have Limited Authority In Coordinating

**By Douglas Jehl**  
*THE NEW YORK TIMES* WASHINGTON

A new CIA office intended to provide more coordination over U.S. spying operations will wield only limited authority, leaving the Defense Department and the FBI free to carry out an increasing array of human intelligence missions without central operational control, two senior intelligence officials said Thursday.

The director of the new office, as head of a National Clandestine Service, will instead be responsible primarily for setting standards and rules designed to minimize conflicts between the agencies, whose human spying operations in the United States and abroad have been expanding rapidly and are expected to continue to do so, the officials told reporters at a briefing.

In written statements issued on Thursday, both John D. Negroponte, the new director of national intelligence, and Porter J. Goss, the CIA director, said the new arrangements would improve the quality of American human spying. That has been a goal recommended by Congress, the Sept. 11 commission, and others in reviews conducted in the last two years. In response, President Bush pledged last year to increase human spying operations at the Pentagon and the FBI by 50 percent in the next five years.

But Sen. Pat Roberts, R-Kan., chairman of the Senate Intelligence Committee, described the changes as “a negotiated settlement” between the various agencies. Roberts expressed reservations about what he called “this latest reorganization,” saying he would have preferred that Negroponte, who took over the new post in April under a law enacted last year, exert his authority to “manage human intelligence collection worldwide.”

## Rice’s Democracy Message Elicits Mixed Reactions

**By Joel Brinkley**  
*THE NEW YORK TIMES* DUSHANBE, TAJIKISTAN

Secretary of State Condoleezza Rice, carrying the Bush administration’s democracy campaign to the heart of Central Asia, ventured Thursday into highly charged and emotional arguments here and in neighboring Kazakhstan over how far the United States should go to encourage entrenched, corrupt leaders to open their political systems.

At every forum, Rice spoke of the need for “free and fair elections,” but that was not enough for some opposition candidates in a part of the world where speaking out against the government, even during an election campaign, can prompt a beating or jail term.

“She said some very good things,” said Bulat Abilov, campaign manager for the Right Path Party in Kazakhstan. “But her very soft phrases are encouraging our leaders to oppose new leadership.”

Kazakhstan holds presidential elections in December, Tajikistan next year, and in both places the longtime leaders, who live and work in gilded, bespangled palaces they have built for themselves, are harassing and imprisoning opposition candidates who seem to pose even a minor threat.

Hours before Rice arrived in Astana, the Kazakh capital, on Wednesday night, 20 police officers in riot gear stormed into the offices of Tolen Tokhtasynov, an opposition leader and longtime critic of President Nursultan Nazarbayev, and arrested him. The authorities released him later that night, after Rice asked Nazarbayev about his case, administration officials said.

Nazarbayev has governed Kazakhstan since the Soviet Union installed him in office in 1989. Asked at a news conference Thursday morning why he should not be considered a dictator by now, he grew defensive and said the questioner had been taken in by “opposition disinformation.”

Rice stood at his side, a taut, unsmiling expression on her face. Asked whether freedom of expression for opposition candidates was a priority for her, she said, “Our position is consistent around the world, and that is the need for the political opposition to be allowed to express themselves, and we expect the same for Kazakhstan.”

## Pinter Wins Nobel Prize In Literature

**By Sarah Lyall**  
*THE NEW YORK TIMES* LONDON

Harold Pinter, the British playwright, poet and political campaigner who uses spare and often menacing language to explore themes of powerlessness, domination and the faceless tyranny of the state, won the Nobel Prize in Literature on Thursday.

Pinter “uncovers the precipice under everyday prattle and forces entry into oppression’s closed rooms,” the Swedish Academy in Stockholm said in announcing the award, which is worth \$1.3 million.

In his versatile and productive career, Pinter, 75, has written plays and screenplays, directed theater productions, acted on screen and stage, and won awards across Europe. So precise and pared down is his prose, so artful his use of pauses and omissions to invoke discomfort, foreboding and miscommunication, that he has his own adjective, Pinteresque, signifying a peculiar kind of atmospheric unease.

In “The Birthday Party,” “No Man’s Land,” “The Homecoming” and other plays, Pinter dispenses with the easy comforts of fluent speech and has his characters speak in non sequiturs and sentence fragments, interrupt one another, fail to listen, fail to understand. He uses language to convey miscommunication and lack of understanding rather than shared comprehension.

He is an overtly political writer, vehemently opposed to the Iraq war, to the British government under Prime Minister Tony Blair and to what he sees as bullying American imperialism in the Middle East and around the world. A recent poem, “The Special Relationship,” refers to the alliance between the United States and Britain but is consumed with bombs exploding, limbs being blown off and the atrocities committed at places like Abu Ghraib.

The Swedish Academy occasionally presents awards with a political edge, and this is the second prize in a week that has gone to an opponent of the Iraq war. On Oct. 7, the peace prize was given to the International Atomic Energy Agency and its chief, Mohamed El-Baradei, who in the weeks before the invasion of Iraq was skeptical of American accusations that Saddam Hussein had rebuilt a nuclear program.

# OPINION

## Learning How To Drink

### Not As Easy As You Might Think

Aditya Kohli

Seven-year-old Tommy has dreams of becoming a pilot. There are two ways he can achieve this goal. He could go to flight school and learn from a professional, or he could teach himself through experimentation. The former is the prudent choice. Imagine what a seven-year-old child would do with an airplane, a curious mind, and no formal training. Now, imagine what an 18-year-old college freshman would do with an abundant supply of alcohol, peer pressure, and no prior drinking experience.

There have been nine alcohol-related incidents on campus involving the MIT Police since Sept. 1, the majority involving freshmen. Abuse on this scale is no small matter, as it is not just a freshman feeling nauseous because he had one too many. The authorities are involved for a reason. These events reveal a serious glitch in MIT's alcohol policies — they are mistimed and misdirected.

It is too easy to place the burden of excessive drinking on the backs of the fraternities, and it must therefore first be established that the heaviest freshman drinking is in fact not taking place at fraternities, but rather, in dorms. The majority of

freshman alcohol abuse this year took place during Orientation — a time when fraternities were dry and prohibited freshmen from entering.

Logic follows fact. In a dorm, a group of freshmen will drink together. Many upperclassmen leave the dorms to drink, for many can go to bars and have friends at fraternities. Because all freshmen live in dorms, they drink in dorms. Especially early on in the semester, there are no other options for freshmen. Conversely, in a fraternity house, a group of both upperclassmen and freshmen will drink together. Freshmen cannot live in the house, so they would not be there alone. While there is no shortage of alcohol consumed at the fraternity, freshmen are surrounded by experience.

Unlike other activities (such as flying), drinking is not best learned through personal experience; freshmen need direction. "How much is too much?" is often a question without an answer for freshmen. A group of inexperienced drinkers putting away shots is not the best scenario. The solution is not a naïve and punitive measure to stop underage drinking on campus, for the inevitable cannot be stopped.

MIT understands this notion and has implemented an alcohol awareness program solely for affiliated freshman males. However, since

about half of freshman males pledge, and about half of freshmen are males, only a quarter of the class is being trained with alcohol. Moreover, this quarter will be doing the majority of its drinking off campus, and it has already been said that the majority of dangerous drinking occurs on campus. The alcohol training program needs to encompass all freshmen.

In addition to a change in demographic, these programs need a change in timing. Currently the alcohol awareness program is held after Rush; it should be held during Orientation. The weeks of Rush and Orientation are essentially downtime for freshmen. There is no academic pressure and therefore there are no practical limits on drinking. A preponderance of alcohol incidents occurred during Orientation — a fact that needs to be addressed.

No matter how many awareness events MIT sponsors, we, as the Class of 2009 need to exercise caution. Listen to the clichéd advice: call for help if you need to, don't drink alone, etc. But also understand that MIT has relaxed drinking policies — you have four years to exploit them. There is no reason to do it all this semester. Know your limits; don't push them.

*Aditya Kohli is a member of the Class of 2009.*

## Smart vs. Art

some extent, I have to agree with the naysayers — MIT really doesn't have much scope in terms of the development of personality, development of a *culture*. That is the seminal issue here — if MIT can somehow change its philosophy slightly, so that it creates not only raw intelligence but also sharp, informed, *cultured* students, I believe that we can take over the world. Or in other words, we can become the new Harvard.

I know that my last sentence is scandalous.

Gupta, Page 5

## Letters To The Editor

### Right to Privacy?

The media attention surrounding the Supreme Court nominees has found the phrase "right to privacy" thrown around a lot. But what is this "right to privacy"? According to Richard Glenn, author of "The Right to Privacy," it is "the right of the individual to be free from unwanted and unwarranted governmental intrusion in matters affecting fundamental rights."

In the 1973 case of Roe v. Wade, the justices applied this reasoning to deny the state the ability to limit abortion. Yet this right is only applicable if there is no third-party who can also claim to have his or her rights protected. The justices in this decision acknowledged this and said that since there was a "wide divergence of thinking" on the issue of when life began, they would not decide the matter. Furthermore, the justices said that "if this suggestion of personhood is estab-

lished ... the fetus' right to life would then be guaranteed specifically by the [Fourteenth] Amendment."

Science may now be able to provide that answer. With advances in medical technology showing key developments very early in life — a brain and spinal cord as early as three weeks, a heartbeat at four weeks, and fingers at six weeks — the legal status of unborn children needs to be reconsidered.

Peter J. Mulligan '08

## Corrections

A front-page article on Oct. 7 about the Nobel Prize in Chemistry misspelled the name of the reporter. She is Kirtana Raja, not Kirtina Raja.

A caption for back-page photos of the women's tennis team on Oct. 7 switched the orientation of the photos. To the right of the caption was a photo of Mariah N. Hoover '08; below the caption was a photo of Jusleen M. Karve '08.

A caption for a front-page photo on Oct. 7 of elephants in the Ringley Brothers and Barnum and Bailey's "Greatest Show on Earth" incorrectly gave the destination of the elephants' walk. They were on their way to the Boston's TD Banknorth Garden, not the Bank of America Center.

## Opinion Policy

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

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

**Letters to the editor, columns, and editorial cartoons** are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to [letters@the-tech.mit.edu](mailto:letters@the-tech.mit.edu). Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

*The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of *The Tech*, and will not be returned. *The Tech* makes no commitment to publish all the letters received.

**Guest columns** are opinion articles submitted by members of the MIT or local community and have the author's name in italics. Columns without italics are written by *Tech* staff.

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# UA? No Way!

## The \$23,266 Student Group

Ruth Miller

There is something fundamentally wrong with the Undergraduate Association. *The Tech's* headline [Oct. 4]: increase in voter turnout to 29.9 percent? It's sad that turnout is so low, but when this is heralded as an improvement, something needs further investigation.

How bad is 29.9 percent? Between 1980 and 1995, the U.S. averaged 54 percent voter turnout. That's the third lowest among industrialized nations. Australia, Malta, Austria, and Belgium all had over 90 percent. A meager 29.9 percent is pathetic.

Better yet, *The Tech* was kind enough to run a breakdown of turnout by class. Forty-six percent, or 466 students, of the freshmen voted, and that number is nearly cut in half for the sophomores. Juniors and seniors care even less and less, which begs the question: what have the '06's and '05's figured out that the '09's haven't?

Four minutes on MIT-Google will give you a pretty good idea of what the UA is designed to do. Any good government class will tell you to follow the money trail, and doing that, one could conclude that the UA's purpose, or about three quarters of it, is the Finance Board. On the Association of Student Activities Web site, the UA Finance Board is described as 10 undergraduates "charged by the UA" to allot funds to the various ASA-recognized student groups of MIT.

In the case of Fall 2004, the UA "Semesterly Allowance" totaled \$110,730, and Finboard occupied \$81,275 of that. As someone who weighs money in terms of prospective meals, that discrepancy is kind of a lot. But to the UA, \$23,266 of this forms the UA Budget.

I am not lying. In Fall 2004, the UA allocated \$23,266 for its own budget. The "UA Finboard Summer/Fall 2005 Budget Allocation Recommendations" (also MIT-Google) don't show a single student group that even comes close to that. The International Students Association requested \$11,100 and got \$250. Some of the humbler student groups were also slapped in the face

— the American Red Cross asked for \$7,593 and received \$1,400, while the Black Christian Fellowship asked for \$475 and received \$50.

To be fair, none of these groups are responsible for as large a portion of the MIT Undergraduate population as the UA. It's understandable that Finboard has a strict policy forbidding student groups from spending lavish amounts of money on retreats. Why spend what is effectively tax money on something only a few people can benefit from? This sounds reasonable.

Now it's time to examine that \$23,266, or \$5.66 per undergraduate student, that the UA gets. The biggest cut is for "Committee Budgets," and the largest share of that is designated for the Events Committee and second-highest, the Publicity Committee. Talk about irony. I'm willing to bet that of the top four student group activities on your mind right now, at least three of them were by run a student group that is not the UA, and none of them cost \$23,266. But I'll get to that later.

The primary suspicious chunk of change is in the least suspicious place: the UA Senate. Hidden by the most legitimate sounding part of the UA — student representation — is approval for a \$4,500 retreat for the UA.

Last October, the UA used student funds to pay for a \$4,500 retreat to Cape Cod for itself, directly violating its own rules for Finboard budget approval.

It takes between one and two minutes to vote in the UA elections. I know this, and last month I even pulled up the Web site. I filled out the form. Then I realized that I had stopped whatever I was doing to vote for two candidates among a total of two candidates, and refused to grant legitimacy to the election by voting in it.

I actually cared a little during the last UA election. Granted, as opinion editor for *The Tech*, I was asked to help conduct the formal presidential debate, but I couldn't scrounge up the interest to go to the other ones. I was annoyed by the pomp and circumstance, but the grossest part was when one candidate formally endorsed the emerging Sloan minor. The Sloan minor that, if you weren't here to experience, was introduced with such revelry that a lottery was created for the privilege of

enrolling, because surely the semi-weekly advertisements in *The Tech* and general hula-laloo would bring forth more possible candidates than could ever be appropriately handled, ended up having fewer applicants than spaces in the lottery. A candidate for Undergraduate Association President was endorsing a departmental minor on his platform.

Again, to be fair, this candidate is not the person currently serving as UA President. The successful candidate promised to reduce the Freshmen on Campus policy to one semester. Never mind the deaf ear let upon any form of reversal of FOC from within the MIT administration. The fact that this candidate promised something so out of the control of the UA, such that he would have zero hope of ever accomplishing it, and then won anyway, is proof that the voting body of MIT was facing a "lesser of two evils" scenario.

That's when it hit me — what kind of people are in the UA? Certainly, no one that hopes to accomplish anything. Perhaps the old saying is true: they do it because it looks good on their resume.

I know: this should have been obvious. But seriously, think about it for a second. These aren't the resume-builders from your high school we're talking about. This is a whole different league. These are people that dress for the occasion, prepare speeches, and thrive in bureaucracy and red tape. The bigger the UA, the more costly and slower to run, but the more people that get to put it on their resume. Being a member isn't good enough for you? Let's create a new committee for you to chair — that'll get you into law school. It might cost a few thousand dollars that some student group could use, but hey, that's why it's good to have power of the purse.

Every UA candidate in history has promised to bring students together. I know how to do what all these people have failed to: student groups. Endorse many, many, well-funded student groups, led by diverse people who have diverse interests, and privatize the task of "improving student life at MIT" to the people who make up MIT. Currently, I see one giant student group for people with an interest in politicking and carrying around briefcases, and I think they're taking far too much of my money and my time.

# Smart vs. Art

Gupta, from Page 4

a void in those eyes — I want to see the excitement of recognition, of understanding, and of appreciation. The times have changed so that the privileged or the aristocratic no longer command the same respect as they once did. Now is the time of innovation instead of hierarchical structure, of *progress* instead of stagnation. As a meritocracy is becoming more possible, can you imagine what power an army of cultured MIT students would possess?

Cultured doesn't mean dressing up in a coat and tie and snobbishly turning away from those who don't. To be cultured, in my sense, means looking confident in your dress and carrying it well to respect yourself, to respect the people around you, and to respect the world. Of course, dress is but one dimension.

Before I came to MIT, I asked one job interviewer whether I should pick Yale or MIT. As usual, he suggested Yale, stating that at least the world would know that I "could read and write properly." Yes, MIT has an 8-term HASS requirement, but how effective is it? Based on responses from fellow peers, it doesn't look like HASS

*I don't mean to imply that MIT must become a liberal arts college. That would be unfathomable and unintelligent. But Harvard is considered the classiest university across the world, despite its often less-than-intelligent students.*

classes have accomplished the most crucial goal — to get students excited about humanities. Instead, the HASS classes fail to transcend their status; they are simply requirements.

I'm not claiming that MIT students are cultureless. But we are missing something. We don't have the same respect for some of the intricate peripherals that are often required to progress unhindered through life. It's that well-roundedness that is lacking — we are all too often well-lopsided. Call it Romanticism, but I often dream of sitting at a café while discussing the current political state of Nepal or listening to lilting multicultural melodies walking besides the Charles.

But at the same time, I love nothing more than working on theoretical math for a few hours at a time. I went to a liberal arts high school. There I missed the pursuit of raw intellectual power; here I miss the pursuit of a complete understanding of the world. It gives me tremendous satisfaction to read the news twice or three times a day. How many MIT students do this? And yet, if I talk to friends in such barely-inferior universities as Harvard, Yale, Stanford, and the University of Chicago, they all seem to be engaged in intellectual thought about the world *as a whole*, not just the subatomic or ecological arenas.

Even if you are to become a researcher, focusing solely on a narrow slice of a branch of a branch of a science, it is often beneficial to become a complete individual. The utilitarian counterargument may question the usefulness of becoming cultured. Well, I am nowhere near completely cultured, and yet I've had so many experiences where understanding of some random facet of life helped me converse with and learn from another individual. I could immediately latch onto a familiar piece of information, and expand it into a stimulating discussion. Do you really want to live life within the small cross-section of people who understand every word you say, and vice-versa?

Why did I come here? Because MIT stood out to me as having the Most Intelligent Teachings of any other university. Because MIT respected me and my fellow peers for our intelligence and problem-solving skills. Because MIT seemed like it could really nurture the growth of the intellectual spirit.

I spoke to several alumni at the Alumni Leadership Conference earlier this term, and they mentioned that MIT was not catalyzing growth in personality, in this culture, and that it was the responsibility of the administration and the students to work together to cultivate this missing component of MIT.

I don't suggest that MIT change its admissions pool at all. We have the brightest students around. But, can we take that same group of students that come in and transform them to be parallel-minded, to grow in all directions and develop into the leaders of the current and future generations? President Hockfield seems intent on doing this, and I hope she and my fellow peers follow through with this plan to make MIT the unqualified, best university in the world.

*Krishna Gupta is a member of the Class of 2009.*

# U.S. — Dictatorship Relations: A Field of Doublespeak

Nakul Vyas

In his 2005 Inaugural Address, President Bush said, "All who live in tyranny and hopelessness can know: the United States will not ignore your oppression, or excuse your oppressors. When you stand for your liberty, we will stand with you." If I were an Uzbek, a Turkmen, or an Equatorial Guinean watching the speech, I would not know whether to laugh or cry. Only in an Orwellian nightmare can Bush pontificate about liberty while supporting dictators in all of these countries. Only in a failed democracy can the President invade countries promising to spread freedom while he tortures prisoners in Guantanamo Bay without trial. Sadly, this is no dream.

Bush's first puppet, Islam Karimov, maintained power in farcical 1999 Uzbeki elections. When the monitoring group, the Organization for Security and Cooperation in Europe (OSCE), criticized President Karimov's record, he responded, "The OSCE focuses only on establishment of democracy, the protection of human rights and the freedom of the press. I am now questioning these values." Karimov has higher priorities.

In 2001, State Department officials described torture used in Uzbekistan. "Beating ... with blunt weapons and asphyxiation with a gas mask" numbered among the techniques employed. According to *The New York Times*, "torture in Uzbek jails included boiling of body parts, using electroshock on genitals and plucking off fingernails and toenails with pliers. Two prisoners were boiled to death." Pictures were subsequently released showing multi-colored black, blue, and red corpses swollen and burned by immersion in boiling water. The hands had no fingernails.

How did our President respond to "tyranny and hopelessness"? President Bush invited Karimov to the White House and gave him \$500 million, ironically, for use in the "war on terror." For comparison the Bush administration donated \$352 million to tsunami aid.

Amidst protest over human rights violations, the Bush administration suspended a mere 3.6 percent of the total Uzbeki aid. According to a State Department report, soon afterwards General Richard Myers, Chairman of the Joint Chiefs of Staff, criticized the suspension of aid and negotiated a new program equal to the one the administration suspended.

Rivaling Karimov in brutality is Turkmen leader Saparmurat Niyazov. In February of 2005, Niyazov announced he was closing all hospitals outside the capital. Turkmenistan is twice the size of Great Britain. Human Rights Watch called it "a public health disaster." The organization went on to paint a Kafkaesque portrait of Turkmenistan: unfair trials, torture, and "in a practice reminiscent of the Stalin era" banishment to uninhabitable deserts. Niyazov has banned opera, ballet, and philharmonic orchestra in his attempt to impose "a perverse cult of personality" that includes renaming the month of January after himself.

General Tommy Franks met with Niyazov in 2002 after which he said, "The cooperation between our nations remains very good and, of course, I am thankful for that, as well." In 2003, the U.S. gave Turkmenistan \$19.2 million in military aid.

To complete the trio, we turn to Teodoro Obiang of Equatorial Guinea, who took power in 1979. Obiang won the last election with 97 percent of a vote "marred by extensive fraud and intimidation" according to State Department reports. Equatorial Guinea pulls in \$5.5 billion from oil revenues. The country is one of the richest nations in Africa per capita at about \$3,000 per person, but little money goes to improving the lives of the people. Almost half of all children younger than five are malnourished, major cities lack basic water and sanitation, and most of the population toils for less than \$2 a day. After being arrested, most political opponents are tortured and often their relatives are taken as hostages.

In 1995, the U.S. closed its embassy in Equatorial Guinea because of Obiang's human rights record. In 2003, the Bush administra-

tion reopened the embassy and later Secretary of State Colin Powell and Secretary of Energy Spencer Abraham granted Obiang a meeting in Washington. Obiang's son praised the Bush administration: "The United States, like China, is careful not to get into internal issues."

Why does the Bush administration support these dictators? In exchange for millions of dollars deposited in private accounts, Obiang lowers export taxes on oil. ExxonMobil, Marathon, and other U.S. companies are then free to pillage the country. As for Turkmenistan and Uzbekistan, both served as staging grounds for the invasion of Afghanistan.

Karimov, Niyazov, and Obiang have implications for the President's mission to bring freedom to Iraq — his claims are either amnesic delusions or bald lies. Bush declared the U.S. went to war because of Iraqi WMDs and Saddam's links to al-Qaeda. After these pretences collapsed, Bush seized upon a cynical vision to bring democracy to Iraq. How can the administration grasp third world dictatorship in one hand and flaunt Iraqi democracy in the other?

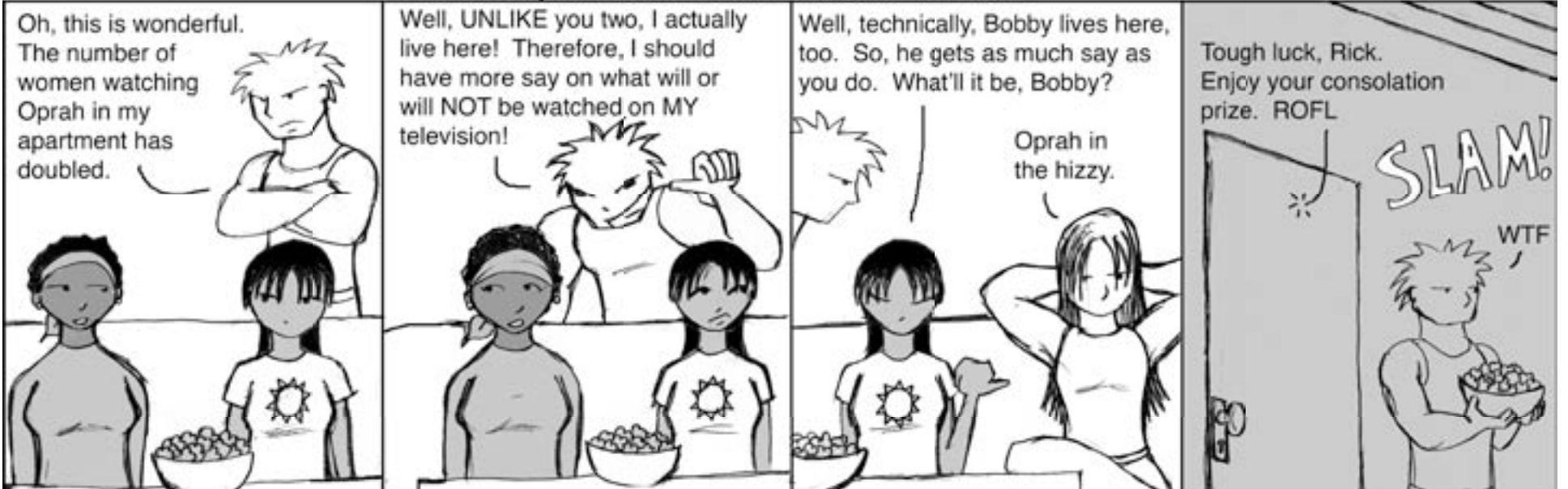
It is clear what kind of doublespeaking "war on terror" the Bush administration is waging. The war on terror is used to terrorize the people of Uzbekistan and Turkmenistan just as the war in Iraq maims and slaughters more than a hundred thousand Iraqis. The bodies are left charred by fire, torn apart by cluster bombs, and uncounted by the military in violation of the Geneva Conventions. Corporate profits swell in Equatorial Guinea while human rights are discarded. At the same time, neo-liberal economic policies open the Iraqi market to exploitation by U.S. firms while women's rights are excluded from the upcoming Iraqi constitution. None of this will change without popular pressure. As Frederick Douglass said, "Power concedes nothing without a demand."

*Nakul Vyas is a member of the Class of 2008. He encourages you to show your opposition to the war in Iraq by mobilizing on the Boston Common at 11 a.m. on Oct. 29. See <http://www.oct29.org> for more information.*

## Trio

Character profiles: [ALUM.MIT.EDU/WWW/EMIE](http://ALUM.MIT.EDU/WWW/EMIE)

by Emezie Okorafor



## One Screw Loose

by Josie Sung



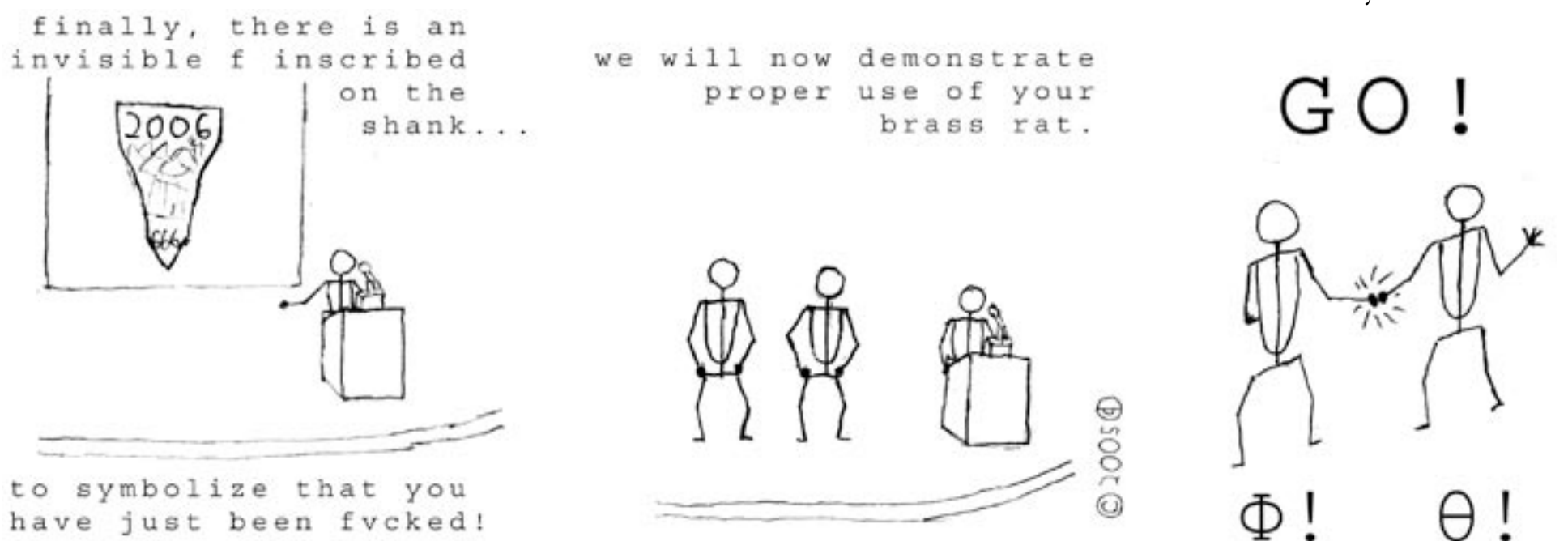
## Moons of Uranus

by Juan Pablo Mendieta



## FVCKED

by Colin Dillard





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Fill in the grid so that every column, row, and 3 by 3 grid contain exactly one of each of the digits 1 through 9. Solution on page 21.

FoxTrot by Bill Amend

Dilbert® by Scott Adams

# ARTS

LITERATURE READING

## Murakami Delights Large Audience in Rare Reading Cambridge Police Foiled by Throngs of Adoring Fans

**By Benjamin P. Gleitzman**  
*STAFF WRITER*  
*Haruki Murakami*  
*Sponsored by Program in Writing*  
*And Humanistic Studies*  
*Thursday, Oct. 6, 2005*  
*10-250, 7 p.m.*

Last Thursday night, in the blazing heat of MIT’s 10-250 lecture hall, world-renowned novelist, essayist, translator, and nonfiction writer Haruki Murakami addressed an adoring crowd, whose members had come from as far as Virginia to hear him speak. The turnout for the lecture was astonishing, boasting enough warm bodies to fill the hall twice over. Eventually, the MIT Police had to be called in to remove the throngs who had gathered in the hallways, aisles, and waiting rooms surrounding 10-250, refusing to leave after being denied a seat. While introducing Murakami and referring to the forced removal of some audience members from the lecture hall, Professor Junot Diaz from the Program in Writing and Humanistic Studies commented, “That’s some cold shit, right?”

Murakami, born in Kyoto in 1949, is not known for giving many public readings. Had it not been for the thunderous applause, few would have thought of the small, quiet man clad in a green t-shirt with a pickle on the front,

khaki pants, New Balance shoes, and a light sports jacket as one of the most praised living authors of our day. Taking his place at the podium, Murakami banished any tensions caused by the police removals by offering, “We should have used Fenway Park.”

Murakami, in true form, was both amicable and entertaining. Through a stiff Japanese accent, he spoke of his life in Japan both before and after being placed in the limelight as an accomplished writer. “I didn’t think I had a gift for writing,” Murakami said of his earlier years. After working in a record store and later running a jazz bar in Tokyo for a number of years, Murakami published his first book, “Hear the Wind Sing,” at the age of 30. “One day, at a baseball park in Tokyo, I knew I could write,” he said.

This publication was followed by “Pinball 1973,” “A Wild Sheep Chase,” the story of a detective who follows a man through 1980s Tokyo, and “Hardboiled Wonderland,” which presents a futuristic world where information is controlled by the Calcutecs and the Semiotecs. Murakami finally achieved breakout success with “Norwegian Wood,” a story of sexuality and loss that sold millions of copies in Japan.

Murakami shunned the spotlight, leaving Japan for the United States in 1986. He continued to write, publishing “Dance, Dance, Dance,” “South of the Border, West of the Sun,”

and “The Wind-Up Bird Chronicle,” arguably his greatest work, which earned him the coveted Yomiyuri Literary Award.

Murakami then tried his hand at nonfiction, publishing “Underground,” a nonfiction story recalling the events following the Aum Shinrikyo gas attack, and “After the Quake,” a collection of stories inspired by the Great Hanshin Earthquake that hit Kobe in 1995. His newest book, “Kafka on the Shore,” splits many of his previous themes, mystical events, and fantastic stories between the two main characters, Kafka Tamura, whose story is told in the odd-numbered chapters, and Satoru Nakata, an old man whose story unfolds in the even-numbered chapters.

Murakami’s work is often characterized by tragedy, centering on main characters who do not fit into the mold of everyday life and are forced to look outside their ordinary existence. Recurring themes are present throughout all of Murakami’s work, including subterranean settings, wells, cats, and mysticism that often blurs into science fiction.

Continuing with his lecture, Murakami read a selection from “After the Quake” entitled “Superfrog Saves Tokyo.” He began with a small section in rapid-fire Japanese before starting over in English. After a few pages, he stopped reading and another man took over to finish the piece. The audience was captivated throughout

the tale involving a six-foot, Joseph Conrad-quoting, highly articulate frog who visits a security trust officer of a Shinjuku bank to inform him that he will be the one to fight Worm and save Tokyo from a major earthquake.

Murakami’s work has been described as accessible, but foreign readers may feel hampered by editions that have been translated into English, as well as Chinese, Korean, Hindi, Thai, French, and German, to name a few. When asked about his translated editions, Murakami said, “I enjoy them very much. I don’t reread my [Japanese] stories. When I read the English, it is exciting.”

Throughout his talk, Murakami exuded a palpable air of confidence. “This is my world. It’s unpredictable,” said Murakami against those who call his stories outlandish. Despite his critics, who have followed Murakami since his earlier days of writing, the author remains confident in his work. “If you don’t like my books, you don’t have to feel guilty,” he said with a smile. “You just have a brain disease.”

Murakami finished his address with a short question and answer period, during which the audience remained seated to hear the final remarks. “I write books. Some like it, some don’t like it. Some don’t care. That mantra helps. I don’t mind.” A man propelled by his own beliefs and ideals, Murakami has proven himself as a truly unique Japanese writer.

CULTURAL EVENT

## Night Market a Festive Foray Into Asian Culture Several Student Groups Provide A Night of Affordable Fun

**By Elizabeth K. Zakszewski**  
*NightMarket*  
*Sponsored by Chinese Students Club,*  
*Asian American Association, Association*  
*of Taiwanese Students,*  
*Undergraduate Association,*  
*Assisting Recurring Cultural and Diversity*  
*Events*  
*Lobdell Food Court*  
*Friday, Oct. 7, 2005*  
*7–11 p.m.*

Last week Friday I took it upon myself to see what NightMarket was all about. I’ve heard about this annual event every year I’ve been at MIT, but I decided in my last year that I couldn’t pass it up. So I took a friend and ventured to Lobdell shortly after 7 p.m. to relish Asian culture, food, and fun.

The old dining hall had been turned into makeshift carnival grounds with dim lighting, a loud rock band with dancing space in the center, and booths of food, games, and crafts around the perimeter. In one corner of the dance floor, a group of patrons tried out Chinese yo-yos, and at one booth students were selling dishes of green tea and red bean flavored ice cream. My friend and I began to get hungry after taking in all the sights and sounds, so we ventured to the second floor where the majority of the food seemed to be.

The \$2 entrance fee to the event bought five tickets, which were to be traded in for food (more tickets could be purchased at the same rate of 5 for \$2 or a better deal for buying more). Two tickets bought me a bowl of rice, chicken, and green beans. Three bought my friend a bowl of noodles and pineapple shrimp. It was a pretty good deal for 80 cents, and the food was absolutely delicious. I even felt like a character in an anime show, hungrily shoveling the rice into my mouth with chopsticks. The food area was crowded and chaotic with hungry patrons lining up for seconds and students

bringing out fresh trays to keep everyone fed. I didn’t have a chance to see where this food came from except that one food table was serving from Quan’s Kitchen. I bought dessert of some kind of flan and rice gelatin from the Korean Students’ Association that was delicious and only cost one ticket.

After I ate a pleasant dinner and watched a dance group perform to some catchy Asian music, the rock group (which was unpleasantly loud and only played American popular music) started playing again, and we went to check out the games. My friend tried tossing a Nerf football or basketball into a paper hole to win a fortune cookie. I tried shooting a tapioca bubble through a bubble tea straw at a paper target, which was really fun once I go the hang of it. Of course, it wouldn’t be an Asian students’ event without big-screen DDR (which was there), but what particularly interested me was a similar game with drums and sticks that was pretty challenging. The fortune cookies had custom-made fortunes for the event, but mine didn’t read that I’d won a raffle prize, as we were told some did.

Craft booths included wax sculpting, calligraphy, and lantern painting. I tried my luck at painting on a paper lantern, which I was quite pleased with and got to take home for only \$1. My friend got a henna tattoo from a real South Asian henna artist for only \$2, a price that can’t be found outside an event like this. And after discovering that the raffle prize table sold fortune cookies three for one dollar, we each won a prize (gift certificates to a hair salon). All in all, aside from the loud music being a bit too much for the confined indoor space, the event was fun and cheaper than any carnival I’d ever been to. The patrons, whose ethnicities were as diverse as those of our campus, all appeared to be enjoying themselves. This is an annual event I would recommend checking out in the future, if you haven’t yet.

RESTAURANT REVIEW

## Pho Pasteur a Classic Choice Anywhere In Boston

*Visit Allston or Harvard for Soup, Spring Rolls, Noodles*

**By Jillian Berry**  
*Pho Pasteur*  
*137 Brighton Ave.*  
*Allston, MA*  
*(617) 783-2340*

Pho Pasteur is a local Vietnamese chain with branches in Harvard Square, Chinatown, Allston, Chestnut Hill, and Newbury Street. As the name suggests, they specialize in pho, or Vietnamese noodle soup, with beef, chicken, vegetable, and seafood varieties. The soups are simple and fresh, and they come with a side plate of crisp bean sprouts, mint, and lime. The sizes range from small (a meal in itself) to extra-large (bring some friends) and are a real bargain at \$4.50-\$7 (depending on the soup and restaurant location).

Equally popular are the Goi Cuon (\$3.50-\$4), or fresh summer rolls, which consist of shrimp and/or pork (vegetarian ones are also available with tofu), vermicelli (rice noodles), lettuce, and mint wrapped in rice paper and served with peanut sauce. I’ve been eating these for years now, and I have never tasted any better. And with two rolls per order, I often get a couple of orders for the table to share, and there are never any left over. I recommend asking for an extra order to go, as the rolls make a great snack or light meal the next day.

If you want to make a meal out of the summer rolls, you can order the Banh Hoi (\$9-\$11), or steamed vermicelli. You get all the makings for the summer rolls, including a bowl of boiling hot water to soak the rice paper, and you assemble the rolls yourself. Though the result is tasty, if you do not have much experience making summer rolls, I would recommend just sticking with the appetizers.

If you are not in the mood for soup, I would recommend their Pad Thai (\$8). You might not expect a Vietnamese restaurant to serve good pad thai, but Pho Pasteur’s is amazing. The noodles are lightly stir-fried with vegetables and your choice of protein, and the dish has a wonderfully sweet and subtle flavor that is not dominated by peanuts. The serving is large and you might be able to squeeze two meals out of it.

Pho Pasteur also offers a wide variety of Vermicelli (\$6-\$7) and other traditional Vietnamese dishes that are served family style. Overall the food is great, and the prices are reasonable. You are best off going with a group and sharing a few dishes as the servings tend to be large, and they have such a large number of options, you will want to try a little of everything. The different branches each have a little different style and taste. Harvard Square is the most convenient from MIT, but my favorite is Allston (plus it’s a little cheaper), so if you have the time, I would suggest making the trek across the river. Either way, you can’t lose.

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## CLASSICAL REVIEW

# Musical Overinterpretation

## Andras Schiff Delivers a Sparkling Haydn, Mediocre Beethoven

By Bogdan Fedeles

STAFF WRITER

Andras Schiff, piano  
Bank of America Celebrity Series  
Jordan Hall, New England Conservatory  
Friday, Oct. 7, 2005

Last Friday, pianists and piano music lovers alike had the opportunity to hear Andras Schiff, one of the star pianists of our time, in a recital offered by the Bank of America Celebrity Series. The Hungarian-born pianist delivered a recital alternating Haydn pieces (“Capriccio in G Major,” “Sonata No. 53 in E minor,” “Variations in F Minor”) with Beethoven “Sonata Op. 31 No. 1 in G Major” and “Sonata Op. 53 in C Major” (“Waldstein”), topped with two Schubert encores. Schiff’s characteristic wit and ethereal tone yielded a sparkling mix with Haydn’s music but didn’t work nearly as well with Beethoven’s sonatas, which sounded contrived and spastic. Nevertheless, the encores were sublimely redeeming, showing that romantic music best suits Schiff’s style of playing, or perhaps that his Beethoven remains an acquired taste.

Although Haydn’s works for piano are vast, his writings only occasionally make their way into piano recitals nowadays, as pianists usually favor Haydn’s more famous classical colleagues and pupils, Mozart and Beethoven. Yet Haydn’s musical world, especially when it comes to piano writings, (the composer himself was not a renowned virtuoso) is quite distinct — witty, unpretentious, and personal. Schiff’s choice of program is especially commend-

able, because he juxtaposes some of Haydn’s most interesting works with cornerstones of Beethoven’s sonata output to highlight the similarities, but especially the differences, between the styles of the two composers. Unfortunately, Schiff goes too far, trying to infuse Beethoven with too much Haydnesque wit and too much unfounded rigor.

The Haydn pieces were the true relish of Schiff’s recital. Using precise, fluent finger technique and little pedal, Schiff gallantly showcased Haydn’s deliciously witty music, accompanied by large hand gestures and theatrical facial expressions. Schiff’s great tone quality with its subdued tenderness was a perfect match for Haydn’s frank and personal music, especially in the slow, improvisatory movement of the “E minor Sonata” and in the “Variations in F minor.”

Schiff’s soft and fleeting touch coupled with intense dynamic contrasts greatly enhanced the outer movements of the sonata and the faster variations. Interestingly, Schiff took all the repeats, yet each repeated section harbored more ornaments than before, a common baroque and pre-classical practice that works well for these Haydn pieces.

Just by listening to his music, one can easily imagine Haydn as an old goofy grandpa, always cracking jokes and having a good time. By contrast, Beethoven’s humor is more serious, always underlain with mockery or rage. “Sonata Op. 31 No. 1” is a good example; not only among Beethoven’s funniest works, it is also a parody of the old-style, early Classical music. And for a parody to work, it must be told in a serious manner. Yet Mr. Schiff ap-

proached this piece with the same light-heartedness as with the Haydn works; the result was unsatisfying.

There were certainly beautiful notes and sonorities, but the piece — infused with too many witty hesitations, awkward accents and grotesque phrasings — failed to come together in a meaningful way. Nevertheless, one cannot overlook Schiff’s admirable technique and softness of touch that made the brutally difficult passages of the second movement mesmerizing.

Still, the low point of the program came with the most anticipated piece, Beethoven’s “Waldstein” sonata. Schiff suddenly switched to the highest gear, delivering a breathlessly fast, super-strict rendition in which even fermatas were rushed. And since fast playing comes with technical difficulties, everything was swamped in copious amounts of pedaling, even more than Beethoven’s controversial indications in the Rondo. Articulation had little clarity, the dynamics were unusual, and the notes inégales effect and the interrupted trills in the third movement were definitely not pretty. Ultimately, the performance started sounding like an amateur student recital.

My impression was that Schiff tried to present a stripped-down version of “Wald-

stein,” highlighting the main material and air-brushing the details; to me, this interpretation was ineffective. Beethoven’s “Waldstein” is all about integrity and details. The main themes are too prominent to need more emphasis; it is the small changing details that carry the struggle of the piece.

Nevertheless, the audience received the performance enthusiastically, applauding frantically while the somewhat disgruntled Schiff

moved on and off-stage several times. Schiff’s discomfort was probably not because of self-critical thoughts but rather because of the audience’s incessant pesky coughing that had elicited signs of discomfort even while he was playing. Curiously, older people (and with the most respiratory problems) form the majority of the attendees at clas-

*Star pianist Andras Schiff boasts fantastic technique, but his interpretation of Beethoven’s “Waldstein” Sonata disappoints.*

sical music recitals.

Finally, Schiff offered two splendid encores, Schubert’s “Hungarian Melody” and “Impromptu in F minor.” The first, a slow and simple piece, was the perfect vehicle for Schiff’s soft touch and sparkling tone quality. The second, a virtuosic piece, played fast and with a lot of taste showcased the brilliant technique and showmanship needed for a fulfilling ending.

## FILM REVIEW ★★★

# A Heartwarming Experience ‘In Her Shoes’

## Seemingly Simple Chick Flick Delivers a Closetful of Human Emotion

By Danbee Kim

In Her Shoes

Directed by Curtis Hanson

Based on the novel by Jennifer Weiner

Screenplay by Susannah Grant

Starring Cameron Diaz, Toni Collette, Shirley MacLaine, Mark Feuerstein, Brooke Smith

Rated PG-13

It’s a recipe for “that chick flick,” sure to make girlfriends cry and boyfriends speak the title in that slightly condescending tone of voice. But “In Her Shoes” throws in a mix of stellar acting, subtle and sophisticated character development, creative cinematography, and a few critical plot twists to take the movie from mediocre chick flick to a heartwarming tale of human relationships.

Maggie (Cameron Diaz) is sassy, flirty, and carefree, willing to let her looks pay her way through life. Her sister Rose (Toni Collette) is a self-conscious workaholic who tries to be responsible enough for both herself and Maggie. Her disdain for Maggie’s wild life clashes with Maggie’s disdain for Rose’s obsession with being a lawyer, and the almost-predictable sisterly face-off inevitably leads to a fiasco when the two try to live together.

The falling out pushes Maggie to visit a grandmother she had thought was long dead, and both sisters try to recover the missing pieces of their lives without each other. Both women undergo a beautiful character development through their relationships with others; Rose learns to have a little fun, while Maggie learns

to find meaning in life. The story is punctuated by poignant scenes, such as Maggie reading a poem for a blind retired professor, and moments of absurdity, such as Rose waving a kitchen knife at her stepmother in teary frustration. When the two sisters finally find each other again and come to terms with their different personalities, it is after both remembering their sisterly love for each other and learning to grow outside each others’ shadows.

Through their rough times, Maggie and Rose take the audience with them as they rediscover their past, revealing the truth behind their mother’s death, the reasons for the lack of contact with their grandmother, and the undeniable fact that everyone has his own demons to battle, even those who seem to skip across the surface of it all.

As might be expected, shoes play both a thematic and cinematographic part in this movie. Rose owns a massive collection of shoes that any girl watching would die for, and yet she never wears them. Maggie, usually the one to take these fabulous shoes into the world, tells Rose that such shoes shouldn’t be hidden in the closet, but “living a life of scandal.” When asked why she buys shoes she never wears, Rose replies that unlike clothing that may not look good on her, or food that may not be healthy, shoes always fit; they never let her down.

The two sisters both envy each other and resent the imagined scorn they are sure the other is feeling. It isn’t until they learn to step into each other’s shoes and understand their rela-



20TH CENTURY FOX

Two sisters discover a unique relationship among their many differences in “In Her Shoes.”

tionship from the other’s perspective that they can fully appreciate their sisterhood.

Cameron Diaz plays Maggie with a delightful mix of panache and subtle inner insecurity, while Toni Collette brings to Rose a dry sense of irony and cynicism, throwing in several moments of physical comedy that are truly memorable. A stellar supporting cast helps to create this believable sisterly universe, including

Shirley MacLaine as Ella, their strong-willed and somewhat crotchety grandmother with a heart of gold, and Francine Beers as Ella’s best friend, a wonderfully tactless lady who fondly reminds you of Sophia from “The Golden Girls.” The surprises the entire cast and crew bring to the familiar premise and style of chick flicks make “In Her Shoes” worth checking out — as they say, if the shoe fits, wear it.

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## FILM REVIEW ★★1/2

*'Elizabethtown' Can't Be Put Into a Neat Box**At Last, an Orlando Bloom Character Without a Sword*

By Natania Antler

*Elizabethtown*  
Starring Orlando Bloom, Kirsten Dunst  
Written and Directed by Cameron Crowe  
Paramount Pictures  
Rated PG-13  
Opens Today

**W**ould you feel like committing suicide if your company lost \$972 million on your watch? Drew Baylor (Orlando Bloom), an engineer/shoe designer for the firm Mercury Shoes, is responsible for exactly that in the beginning of the film "Elizabethtown." He considers committing suicide after coming home from a disastrous day at work. In the only indication of his engineering background in the entire movie, we watch him try to build something that will end his life out of an exercise bike, duct tape, and a knife. A combination of a ringing cell phone and badly applied duct tape save his life and reveal the

premise of the movie.

Drew's father, Mitch Baylor, died while visiting his hometown, and so Drew must travel to Elizabethtown, Kentucky, to represent the "California" part of the family. On the plane to Louisville, Drew is taught how to say Louisville correctly (Loo-uh-vul) by a talkative flight attendant, Claire Colburn (Kirsten Dunst). We watch as Drew falls in love with Claire, mends ties with his Kentucky family, grieves for his father, and addresses his feelings about the spectacular failure of his line of shoes.

"Elizabethtown" does not fit into a neat box or genre, and it deals with much more than one subject. The movie is hard to define and cannot be summarized in one grammatically correct sentence. This works to its advantage, in that the movie feels one of a kind. On the other hand, this can put viewers on the defensive because they have no idea what to expect from the movie. The movie will rocket from humor, to

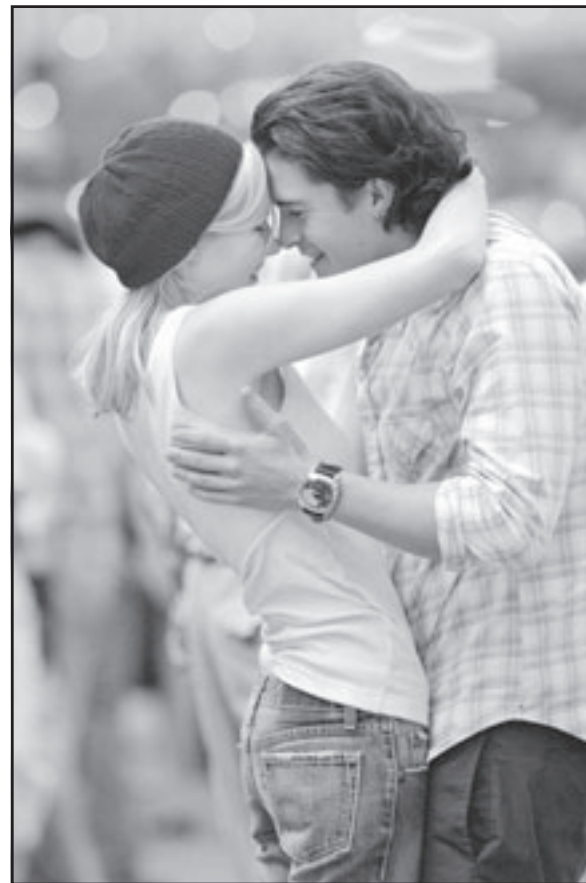
poignant scenes of grief, back to romance, to unique but dizzying effect.

There are many repeated images throughout the movie. Keep a sharp eye out for Route 60B, pay attention to the music that plays throughout the film, and listen for repeated dialogue. These symbols and themes tie the movie together, add depth, and lend a more lyrical feel. I was particularly struck by the repetition of the words "I'm fine" by Drew. I liked how their use changed throughout the movie and gave us a window into what his character was thinking at the moment.

The strength of "Elizabethtown" lies in the supporting actors. The blizzard of love that meets Drew during his visit to Elizabethtown is created by a superb group of supporting actors that play the Baylor extended family. One of the major themes of the film, relationships between fathers and sons, is played out in amusing and accurate detail between Drew's cousin, Jesse Baylor (Paul Schneider) and Jesse's son Samson.

My favorite character was Hollie Baylor, Drew's mother, played by Susan Sarandon. It feels like her character grows the most over the course of the film, and Sarandon's performance is superb. The eulogy she delivers for her husband is humorous and poignant, and it makes the movie.

The performances I found most lacking were those of the main characters. While Drew and Claire have their moments in the movie and certainly have some chemistry, their long conversations seem overly cliché. It may be a fault of the writing, their performances, or both. Bloom, however, did portray the complexity of his character well when he was not around Dunst, especially considering this is



PARAMOUNT PICTURES



PARAMOUNT PICTURES

Drew (Orlando Bloom) and Claire (Kirsten Dunst) share an unexpected bond in the charming new movie "Elizabethtown."

## INTERVIEW

*Talking With Director Cameron Crowe**Man Behind 'Jerry Maguire' and 'Vanilla Sky' Discusses Latest Film 'Elizabethtown'*

By Natania Antler

*Cameron Crowe is director of the newly-released "Elizabethtown." He previously directed "Jerry Maguire," "Almost Famous," and "Vanilla Sky." He was interviewed in a phone call with The Tech and other newspapers.*

*I heard that Billy Wilder influenced the idea for the genesis of the film, and it also came out of you dealing with your father's passing away. I was wondering how much both of those played into the genesis of the film?*

Well, the latter really was the original inspiration. I was traveling through Kentucky, and I had not been back there since my own father's funeral years earlier, and so the whole kind of elixir of Kentucky and the feeling that is in the air there and remembering my dad in a state that was so much a part of my family's history. That really was the inspiration. Billy Wilder is a real hero of mine, and I wrote a book about him, so interviewing Billy Wilder over the period of a couple of years was almost like film school for me, so he is a constant inspiration, but I cannot say that the movie is based on any one particular film of his...

*There were reports that you had shown "Elizabethtown" to the Toronto International Film Festival, and there was a warning that it was not finished. What have you changed, and why did you show it in the unfinished form?*

Well, I finished a cut that was accepted and sought after by three festivals: Deauville Film Festival, Venice Film Festival, and Toronto. I kept working on the movie because that is my process, and so I actually had a cut before we showed the movie in Toronto and those other cities... I was still learning about how the movie was playing with audiences because I think you learn best about how a movie is working, particularly a comedy, by showing it and feeling the rhythms. That is something that I learned a lot from Billy Wilder...

*One of the lines that struck me the most was, "You cannot be buddies with your own son." Is that a line from a personal experience with your own father, and do you believe it is true?*

No, that is kind of a line that arrived as a ques-

tion really. Can you be buddies? Should you be buddies with your own kid? My personal opinion is there is a time for that and there is a time when... you need to be an authority figure, and sometimes there is a time to put it all aside and think about them as person to person, not necessarily parent to child... I do know people that do not want to be buddies with their own kid...

*What is your process of integrating music into your films? You seem to really be very keyed-in on making the film work with whatever music you want to show. You are always showing album covers, almost to the point of sometimes not necessarily gelling exactly with the script. I was wondering why that was important to you, and how you feel you accomplished that.*

Often music is one of the inspiring first events as the story is coming together, so I try and program the movie sometimes like a radio station I would want to listen to. But there are also things that I put in there as little tips of the hat to artists or all kinds of things really because I like the idea that things appear in later viewings of a movie. So sometimes I will put an album cover in a scene or a little something on a wall, and I do that, and often it is music because I love music so much... It is just that this one felt like more of a musical than some other ideas that I was working on, so I just kind of floored it in the direction of playing more music in this one.

*What exactly do you say to people who are comparing "Elizabethtown" to "Garden State"?*

I never saw "Garden State" until after I had finished filming and sort of had the movie in its pretty much final form because I had heard about "Garden State." I was playing some of that Shins music on the set of our movie and people would come up to me and go, "You know, that song 'New Slang' is in 'Garden State.'" And I would say, "Oh really." And they would go, "No, it is really in 'Garden State.'" And I would say, "Well, okay, great." I dig Zach Braff. I love that

there is a movie that has a sensibility that I am probably going to really dig, but I am not going to watch it until I am pretty much done with the movie, with "Elizabethtown." So finally towards the end of "Elizabethtown," I watched "Garden State" and loved "Garden State." I did not really see the similarities with my own movie beyond us both kind of loving "Harold and Maude," the great Hal Ashby film...

*You mentioned earlier about playing music on the set and I was wondering, is this for fun or is this part of a strategy for getting actors to deliver the performances that you want?*

Both, the latter first. I mean you really do get something different when you are playing music in the middle of a scene that an actor is performing... When you are able to play the music that is used in that scene, it is kind of fun to know that that music is actually influencing the performance just as it influences you watching it...

*Why did you pick the bombing memorial as one of the landmarks that Drew visits in the movie?*

Well, I visited the memorial because I was passing through Oklahoma City and was really taken aback at how powerful the memorial was and how much of a tribute to humanity it was. I mean I was really knocked flat by the power of that site, and what got me most of all was the survivor tree, and it was so inspiring. And I knew so little about the memorial that existed in Oklahoma City, and I could not stop thinking about it, so when I was writing the road trip sequence of "Elizabethtown," I thought, "You know, this is an important place, particularly for a guy who needs to know what his life means in perspective to the entire world. Here is a real symbol of survival and life, a tree that existed close to the epicenter of this blast that lived and flourished and is a symbol..."

*Claire predicts personalities according to their names but never mentions Drew's mother;*

the first movie where audiences have not seen him carry a sword. I found that the script tried to make Claire into an Amélie-like character and didn't quite succeed, making Dunst's performance less than the best.

This movie is rare because it is neither a formulaic fast-moving action movie nor a romantic comedy, but at times it drags, moving too slowly for comfort. The movie seems real, but like real life, it has its awkward moments and boring bits. "Elizabethtown" is a film worth seeing, and make sure not to miss Route 60B!

*Hollie. What do you think Claire would have said about Hollie, and what were you trying to do with Sarandon's character in general?*

In my experience, Hollies have been kind of not as festive sometimes as their name might imply and sometimes serious but sometimes a lot of fun, and it is a kind of compelling name, I have always thought because they are expected to be flamboyant, but they are not always, Hollies. But anyway, that is just my own theory not in the movie of course.

What I wanted to do with the mother was show that she was brave enough to grieve in her own way even when people think that it is not proper or why hasn't she cried. She is going through an incredible emotional upheaval and in fact comes to find a moment of grace in front of everybody that she once feared and worried about judgment from, and that is where she communicates best of all who their hometown boy fell in love with, and that is sort of the arc of Hollie and why I love that character so much.

*At one point Orlando breaks down, and it seemed really universal because that happens a lot where people expect you to cry but you cannot. So I was curious if you shot in sequence to build up to that and also if you could talk about the road trip as a different kind of Act Three.*

Having the road trip end the movie was always a real reason for making the movie, and I always wanted the movie to earn that road trip in its full length so that is one of the reasons it took so long to edit. It is funny that the road trip actually had to happen in the second week of filming because of scheduling for the actors and a lot of the actors I think pretty much everybody cut their price to make the movie and made it as a labor of love, so we kind of had to work in between everybody's schedules... And right about that time, we did the crying scene, too, and I felt like [Orlando's] character was just in his soul at that point, and he was able to kind of stay in that groove for the rest of the movie and feel raw enough emotionally to tell the rest of the story in the perfect way, so I was very happy that we actually ended up doing that earlier rather than later.

FILM REVIEW ★★★

‘Domino’ Hits a Cinematic Bull’s-Eye

Not-So-Faithful Biography Nonetheless Hunts Audiences’ Attention

By Danbee Kim

*Domino*  
Directed by Tony Scott  
Screenplay by Steve Barancik, Richard Kelly  
Starring Kiera Knightley, Mickey Rourke, Edgar Ramirez, Jacqueline Bisset, Christopher Walken  
Rated R  
Opens Today

Non-linear storytelling, dizzying camera angles, gritty unfocused action shots — “Domino” director Tony Scott knows how to spin a tale. Loosely based on the true story of Domino Harvey, daughter of famous British actor Laurence Harvey and supermodel Paulene Stone, the movie jumps into the middle of the action, catches up the audience from the beginning, then takes them on a frenetic journey to a powerful ending.

This well-paced thrill ride recounts the tale of the model-turned-bounty-hunter, disgusted with the pretensions of 90210-ers and wanting to live life on her own terms. Domino, played with rebellious fire by Kiera Knightley, turned her back on a privileged life and became one of the most notorious bounty hunters in Los Angeles, hunting down society’s nastiest criminals and bringing them to the law. Her somewhat dysfunctional “family” is composed of Ed Martinez (Mickey Rourke), her boss; Choco (Edgar Ramirez), her best friend and fellow bounty hunter; and Alf (Rizwan Abbasi), the Afghan driver. Eventually, Domino is even picked up for a reality TV show.

The movie centers the story around a job gone wrong, one that gets Domino caught and put under the scrutiny of an FBI interrogation. In bits and pieces, Domino narrates her story, starting all the way back when her father died. She moves through her life methodically, setting up the events that shaped her and came to mean something to her for years afterwards. Cinematically speaking, the beauty of the film comes from motifs that run like embroidered gold throughout the entire movie, such as the line “Heads you live, tails you die,” a line that seems to embody the way Domino lived her life. Another common thread is goldfish, pets

that were first a gift from her father, and later became a symbol that meant more to her than nearly all of her human relationships.

Tony Scott’s style in handling this story helps convey the somewhat chaotic feel of Domino’s life. All of the action scenes are filmed with the feel of a shaky handheld camera, putting the audience not only into the physical layout of the scene but also the psychological feel of the moment. Faces are only half-seen, images flicker and blur as they cut rapidly across the screen, and the almost dizzying camera angles and movements in some scenes seem prone to induce motion sickness. Some of the action scenes run through a scenario of death, playing out one version of reality while the proverbial coin flips. When the coin lands, or when the story reveals more information, the scene goes into rapid rewind, then follows the proper sequence of events. It’s a heady way to deal with reality within the movie, and it captures the essence of Domino’s fast-paced, adrenaline filled existence.

Sadly, people looking for a true account of Domino Harvey’s life will not find it in this movie. Although Domino is a fantastic action thriller that delivers a movie-going experience that leaves audiences breathless, the movie took artistic license that deviates greatly from the true story of Domino Harvey. In reality, the statuesque 5-foot-9-inch blonde was never a model, but ran a London dance club and worked on a ranch in San Diego before becoming a “bail recovery agent,” aka a bounty hunter of fugitives. She never had a reality TV show, but Domino was a person who could and would convey a certain image of herself in hopes of becoming a legend, a trait she apparently inherited from her father.

When her mother moved to California after marrying Peter Morton, founder of the Hard Rock Café and Hotel chain, Domino stayed behind in an apartment in London’s Notting Hill Gate neighborhood. She joined her mother in Los Angeles at age 20, at which time she was put in rehabilitation for drug problems. After attempting to find a career as a firefighter then as a paramedic, Domino chanced upon classes for bail enforcement agents and decided to become



NEW LINE CINEMA

Keira Knightley stars as Los Angeles’ most infamous bounty hunter in “Domino.”

a bounty hunter. She sold her life story to Tony Scott in 1995 for \$360,000, about the same time her boss Martinez left Los Angeles, effectively ending Domino’s bounty hunting career. For the next few years, Domino got by on computer graphics jobs and part-time DJ-ing at nightclubs in West Hollywood, living with her half-sister Sophie in a cottage a block from the Pacific Design Center.

The real Domino Harvey was involved in the production of the movie. She was often on set as technical consultant for the movie, and although there were many reports that she was upset with her portrayal and the liberties taken by Scott in the movie, she was delighted with the movie and resented the reports of conflict. The real Domino Harvey also appears in a short shot at the end of the cast credits. Interestingly enough, however, the movie does downplay Domino’s drug problems and the fact that she was bisexual. Just this May, Harvey was arrest-

ed with charges concerning methamphetamine, and put under house arrest. Domino girded herself for several personal battlefronts, including suing publications for describing her as a lesbian, breaking her drug addiction for good, and creating a documentary of her life. However, on the night of June 27, Harvey was found unconscious in her bathtub, and at 11:28 p.m. that night, she was pronounced dead. Rourke and Scott were among those who attended Domino Harvey’s funeral on July 1. Scott also added an “In loving memory” card for her at the end of the movie.

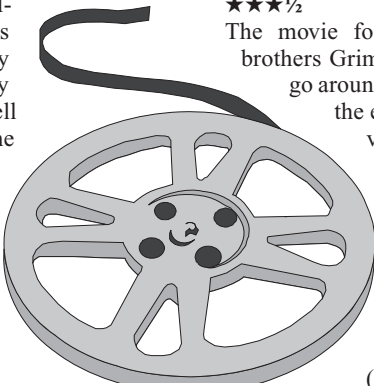
This intriguing take on a true story is definitely worth watching, whether or not the audience appreciates the truth lying behind it. Although knowing the real story of Domino Harvey adds another layer of appreciation to the experience, the movie itself is quite a package of action, adrenaline, emotion, and good old magical movie fun.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

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

★★½ **The 40-Year Old Virgin**  
Andy Stitzer (Steve Carell) is the consummate dork who collects action figures, bikes to work, and stays far away from women. Without any friends, there’s no one to tell him what he’s missing. The generally artificial scenes and outrageously unbelievable characters are not noticed much because the movie makes you laugh so hard that you can barely put more popcorn in your mouth. (Yong-yi Zhu)



★★ **A History of Violence**  
After killing two men in his diner out of self defense, Tom Stall (Viggo Mortensen) is forced by the mob to confront his past. There is a moment during the film when you wonder what it’s all about, not because it’s too deep, but because too many things are happening, and nothing seems to come together. (Yong-yi Zhu)

★½ **The Aristocrats**  
This film features Hollywood notables delivering and analyzing what co-creator Penn Jillette touts as “the dirtiest joke you will ever hear.” And with the rabid incest, bestiality, child rape, and bodily fluids (and solids), hopefully it is. The joke — too vulgar to repeat in any form here — isn’t even funny. (Kathy Lin)

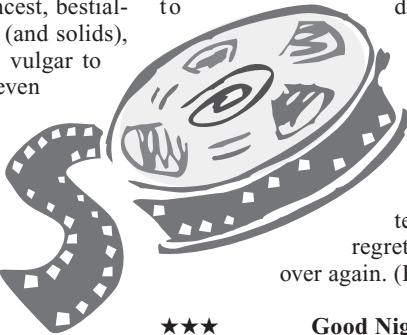
★★ **Broken Flowers**  
Bill Murray is Don Johnston, a modern-day Don Juan who one day discovers an unsigned letter in a pink envelope — one of his relationships 20 years ago apparently yielded a son. He embarks on a cross-country

journey to visit four former girlfriends and hopefully find the anonymous mother. The lack of a convincing plot, and more importantly, a point, means that those two hours of your life are better spent elsewhere. (Kelley Rivoire)

★★★½ **The Brothers Grimm**  
The movie follows the adventures of the brothers Grimm, the fairy tale authors who go around French-occupied Germany at the end of the 18th century ridding villages of evil that their buddies are cooking up. But their adventures take a turn for the worse when the French government summons them to investigate what appears to be genuine witchcraft evilness. Humor, adventure, and crazy violence ensue. (Bill Andrews)

★★★½ **The Constant Gardener**  
Though this may appear to be a film about the drug companies taking advantage of Africans, it is in fact a story about what a man will do for a woman he loves with every ounce of his strength. If you want a smart film that’s not only well done but is also pleasing to watch, this is a must. (Yong-yi Zhu)

★★★½ **Corpse Bride**  
Tim Burton’s latest feature is a dark-hued romantic fantasy, which combines an unconventional story with subtle satire and unusual cinematographic techniques to deliver a truly delectable treat. Factor in the vocal talents of a remarkable cast and Danny Elfman’s sparkling music, and you have a masterpiece you won’t regret watching over and over again. (Bogdan Fedeles)



★★★ **Good Night, and Good Luck**  
In the era of McCarthyism, one reporter from

CBS, Edward R. Murrow (David Strathairn), went on the air to take down Senator McCarthy and his fire-and-brimstone tactics. The gaudiness and questionable quality of current national news networks contrasts with the work done by Murrow in this film. It represents a quick break from the onslaught of violent images and biased reporting, providing a model for the highest level in TV broadcasting. (Kapil Amarnath)

★★½ **The Greatest Game Ever Played**  
Think “Cinderella Man” with golf clubs instead of boxing gloves. This movie easily falls short of the greatest golf movie ever made, but it will satisfy your appetite for a feel-good entertaining movie for the better portion of the two hours. (Yong-yi Zhu)



★½ **Into the Blue**  
Hollywood frequently brings us thrillers that fail to weave action and story together into an entertaining film. It’s been a while, however, since I’ve seen one with so little meaning in its story. With shots of treasure hunters swimming around in the Caribbean stumbling across some mystery, this movie is crammed full of cheesy drama and lacks quality action scenes. (Nikhil Nadkarni)

★★★★ **March of the Penguins**  
Capturing a range of stunning images from the lighthearted, with penguins coasting along the ice on their bellies, to the majestic, with a seemingly infinite line of penguins marching to the sea and jagged walls of ice, this documentary surely pulls at the heartstrings of all who watch it. (Kelley Rivoire)

★★★½ **Murderball**  
Murderball, the original name of quadriplegic rugby, was invented in Canada in 1979. The movie excels most when it relates the lives of its players to ours through familiar activities. Moreover, it gracefully portrays the impact of the sport on the journey quadriplegics travel, from coping with their condition to parent-

hood. (Kapil Amarnath)

★★★½ **Oliver Twist**  
Roman Polanski recreates this classic tale with sympathy and tenderness born of a childhood not unlike Oliver’s own. For all but the most hardened realists, the resulting fairy tale journey is a delight. (Rosa Cao)

★★★ **Proof**  
Hollywood once again successfully brings together mathematical genius and mental illness. For the first time on the big screen is a woman whose experiences highlight important challenges facing women in math and science today. (Kathy Lin)

★★★½ **Serenity**  
This film, an adaptation of the TV show “Firefly,” is both a fanatic-pleasing romp and an action-packed introduction to a fabulous new world. See it because you’ll experience adventure, laughter, thoughtfulness, intelligence, and damn good storytelling. (Nivair H. Gabriel)

★½ **Two for the Money**  
This drama about high stakes sports gambling examines a failed football star drawn into the sports betting business. The lack of development leaves the audience feeling cheated and empty, which makes the movie nice to look at but not so wonderful to think about. (Yong-yi Zhu)

★★½ **Wedding Crashers**  
Owen Wilson and Vince Vaughn never seem to do their real jobs as divorce mediators; instead they crash weddings on a regular basis (going to weddings uninvited, drinking free booze, and meeting, then sleeping with girls there). If you’re looking for a lighthearted summer comedy with some stupid humor and superfluous sex, then “Wedding Crashers” may be the perfect movie for you. (Yong-yi Zhu)



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ON THE GREEN LINE AND A SHORT WALK TO KENDAL SQUARE

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The Sim, Hye-Kyung Dance Company, based in New York, brought a host of musicians and dancers to perform at the Korean Culture Show, held last Sunday, Oct. 9 in Kresge Auditorium.

(This page, clockwise from top)  
Daeseok Jeong, Joo Yun, Nara Seol, and Solip Kim play traditional Korean instruments in a performance entitled “Pangut.”  
A dancer shows off her elaborate costume during a Mu Yong dance called “Chongryun Flower.”  
A dancer poses during a Mu Yong performance called “Scent of Korean Woman.”  
Four dancers pose during “Scent of Korean Woman.”  
Two dancers perform a sword dance entitled “Sin-Jong-Dae-Up-Ji-Moo.”

(Opposite page, clockwise from top right)  
A group of dancers form a circle during a performance simply called “The Fan Dance.”  
A musician shouts while playing a Jang-Go drum during a performance called “Sound of Jang-Go.”  
Another musician plays a gong for a performance entitled “Korea’s Samulnori.”  
A dancer poses during “The Fan Dance.”

Photography by Omari Stephens



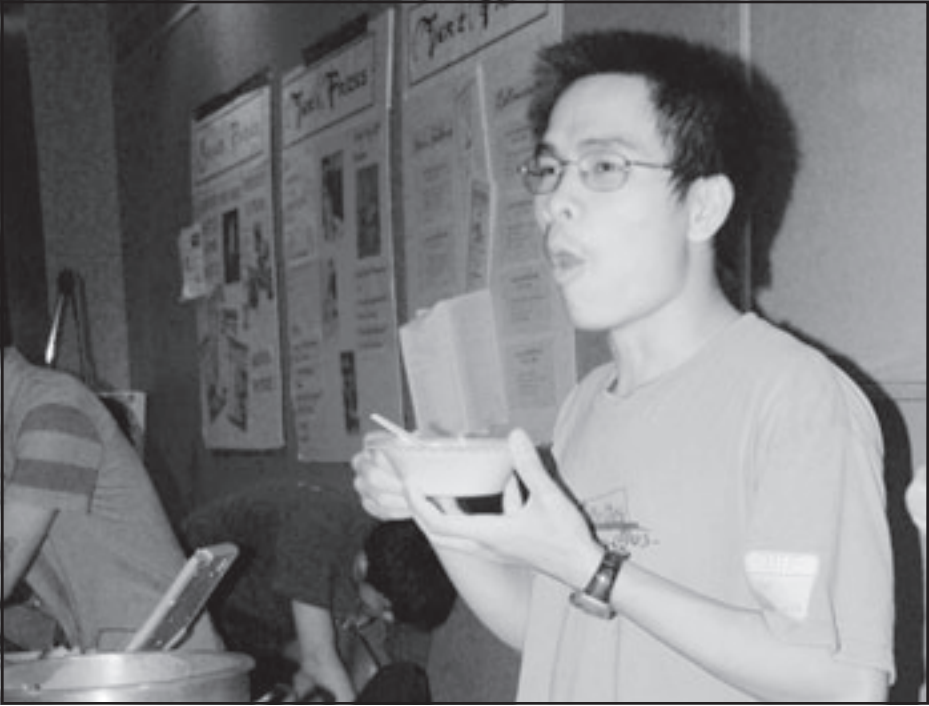


# Nightmarket Celebrates Asian Culture

Nightmarket, a festival of Asian cultures, was organized by the Chinese Students Club and was held in Lobdell Food Court on Friday, Oct. 7. Clockwise from top left:

Gloria C. Chao '08 performs a Chinese dance with ribbons.  
A henna artist draws patterns and designs onto Night Market visitors.  
Bao H. Truong '07 takes a break from serving Vietnamese food to eat.  
Gloria C. Chao '08 and Jason Pan of Dance Revelasian put on a performance.  
Jessica K. Lee '08 tries her hand at the Chinese Yo-Yo.

Photography by Christina Kang



# MIT Refutes ABC Reactor Safety Claims

Reactor, from Page 1

ical and nuclear power research, said Vice President for Research Alice P. Gast. Nuclear power is likely to play an increasingly important role in America's energy supply as gas reserves decline and fuel prices rise, as stated by a report on nuclear power released by MIT in 2003.

### Down and dirty with uranium

MIT's reactor runs on highly enriched uranium (HEU), a possible ingredient for nuclear weapons. The fuel can also be used in "dirty bombs" that disseminate vaporized harmful radioactive material over a large area.

Most research reactors have converted to low enriched uranium (LEU) in a slow process funded by the Department of Energy, and MIT will follow suit when the DOE provides funding, Gast said. LEU fuel must undergo a complex reaction to be turned into weapons-grade material, but can still be used in dirty bombs.

Attacking a nuclear reactor is not as simple as blowing it up or walking in with guns blazing, however. MIT's reactor is shielded by many layers of metal and concrete, making it difficult for an external explosion to vaporize the radioactive material inside. ABC's report raises questions over what security measures are needed to deter attacks and also over what scenarios pose a significant danger.

The Nuclear Regulatory Commission, which oversees security requirements at research reactors, is examining evidence provided by ABC to see whether further action needs to be taken at any facility, said Elliot Brenner, director of the NRC Office of Public Affairs.

"Nothing about the access or tour has been criticized by ABC," Moncton said, referring to the undercover tour taken by two ABC journalist interns. MIT has more security measures in place than many reactors, and ABC found that MIT's reactor was one of only two with armed guards.

ABC Media Relations spokesperson Adam Pockriss did not respond to questions submitted on the story yesterday.

### ABC reports weak security

After a four-month investigation during which journalism interns traveled to the 25 reactors on college

campuses across the country, ABC reported finding "unmanned guard booths, a guard who appeared to be asleep, unlocked building doors and, in a number of cases, guided tours that provided easy access to control rooms and reactor pools that hold radioactive fuel."

The story also highlighted the issue that "many of the schools permit vehicles in close proximity to the reactor buildings without inspection for explosives."

Whether or not an external explosion could release radioactive material into the atmosphere depends on the design of the reactor.

"A pretty big plane could fly into it and not damage it," Moncton said, referring to MIT's reactor core.

In the "worst case scenario, that building is going to implode, not explode," DiFava said.

On the other hand, the televised investigation reported that the interns were able to walk up to another college's open water reactor with large tote bags that were not searched by staff.

The two major concerns raised by the investigation regarding MIT's reactor in particular did not involve direct access to the reactor, but rather access to online information and the ability to drive a truck to within 30 feet of the reactor building.

Given that the reactor is about 50 feet from Albany Street and about 300 from Massachusetts Avenue, regular traffic passes nearly as close as the ABC truck had reached. A large bomb would have to be closer to significantly damage the building, Moncton said.

He said a study on the effect of an explosion on the reactor was conducted by Lincoln Laboratory scientists with consultation of MIT faculty shortly after 9/11. The report showed that the reactor would not be significantly damaged by a large truck bomb at the distance of the security perimeter.

DiFava said that explosions from large bombs carry most of their force upwards, rather than outwards, lessening the impact on the reactor building.

"There wouldn't be any dispersal

of material," Moncton said, and that to be a dirty bomb, the explosion must vaporize the uranium instead of just blowing apart chunks of it.

Another problem ABC investigators reported was that they were able to find floor plans for the reactor using computers in Barker Library.

Moncton said that these plans are out of date and do not list the location of guards or security cameras.

Director of Reactor Operations John A. Bernard Jr. said that many nuclear engineering dissertations have the same diagrams as those available at Barker. The floor plans had been publicly available before Sept. 11, 2001, but were taken offline afterwards by MIT.

The final criticism leveled at MIT by ABC was that the schedule for the reactor was available online.

Moncton said that the availability of the schedule had been under discussion with the NRC for several months before ABC's investigation began. The schedule is used by off-campus researchers who use the reactor, he said.

Bernard said that about one month ago, after ABC's visit, MIT decided to stop publicly listing times when the reactor was inactive for fuel delivery, thus making it impossible

to tell when fuel deliveries were being received based on the activity of the reactor.

Some confusion seemed to prevail on NRC's awareness of the schedule being online. "That's something I'd want us to pursue, and we will," said Roy Zimmerman, director of the Office of Nuclear Security and Incident Response for the NRC, after learning about the online schedule from ABC lead investigator Brian Ross.

### Debate over fuel safety heats up

Perhaps the best recognized security threat posed by research reactors is the possibility that a terrorist could steal highly enriched uranium for use in a nuclear weapon.

Once HEU is placed in a reactor, however, it acquires a lethal level of radioactivity that would incapacitate a person in a few minutes. Accordingly, someone trying to steal active fuel would need extremely strong

protective shielding.

Before being placed in the reactor, HEU is both safe enough to hold in your hands and immediately usable for a nuclear weapon. MIT's reactor has at most two kilograms of fresh HEU on site at any time, Moncton said, a small fraction of what is needed for a bomb. He said the fuel is delivered on a just-in-time basis, so that the reactor does not need to stockpile fuel.

Transporting spent fuel is dependent on a political balancing act between the danger of storing fuel at the reactor and the danger of transporting it long-distance to another site.

"Being able to ship is a complicated alignment of a number of stars," Moncton said. The MIT reactor has sometimes been unable to send away its fuel for multiple years at a time, he said, although the current amount being stored is at a historical low.

"We could probably smooth out the bureaucratic process," Gast said. "I think nationally we need to deal with spent fuel as a national priority."

The difficulty of a terrorist transporting spent fuel is under debate. Moncton said that spent fuel can still incapacitate someone trying to carry it without shielding.

The international definition for what level of radioactivity is incapacitating is too low for a suicidal terrorist, though, said Matthew G. Bunn G, a senior research associate at Harvard who studies nuclear non-proliferation measures. "One person can pick it up and carry it away," Bunn said, referring to spent fuel from a reactor like MIT's. Bunn is also finishing his thesis in the Engineering Systems Division at MIT.

The effort needed to turn spent fuel into weapons material is not nearly as significant as that to produce enriched uranium from scratch, Bunn said.

The difficulty in shipping away spent fuel has been a problem for MIT in the past. Moncton said that reactor staff were unable to ship away fuel for long enough that last year they slightly exceeded the limit imposed by the NRC on how much total uranium could be stored on site, requiring MIT to notify the NRC of a regulations infraction.

One of the most significant security issues facing reactors, then, requires the coordination of state and federal regulators, as well as the vigilance of reactor staff.

*In the "worst case scenario, that building is going to implode, not explode."*  
—John DiFava, referring to MIT's nuclear reactor building

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## Next House Hosts Benefit Dinner

Next House held a service dinner last Oct. 10 in Next House dining. Proceeds from the event, \$413, were donated to the Boston Food Bank.

Ray C. Lee '09 fills a plate with chili made by Next House residents.

Jessica K. Lee '08 prepares to serve a chocolate cake made by Housemaster Liba Mikic, one of several homemade dishes made by Next House residents.

Photography by Christina Kang

# U.S. Must Sharpen Scientific Edge Soon, Panel Warns

By William J. Broad  
THE NEW YORK TIMES

A panel of experts convened by the National Academies, the nation's leading science advisory group, called Wednesday for an urgent and wide-ranging effort to strengthen scientific competitiveness.

The 20-member panel, reporting at the request of a bipartisan group in Congress, said that without such an effort the United States "could soon lose its privileged position." It cited many examples of emerging scientific and industrial power abroad and listed 20 steps the United States should take to maintain its global lead.

"Decisive action is needed now," the report warned, adding that the nation's old advantages "are eroding at a time when many other nations are gathering strength."

The proposed actions include creating scholarships to attract 10,000 top students a year to careers in teaching math and science, and 30,000 scholarships for college-level study of science, math and engineering; expanding the nation's investment in basic research by 10 percent a year for seven years; and making broadband access available nationwide at low cost.

"America must act now to preserve its strategic and economic security," the panel's chairman, Norman R. Augustine, retired chairman of Lockheed Martin, said in a statement. "The building blocks of our economic leadership are wearing away. The challenges that America faces are immense."

The underlying goal, the panel said, is to create high-quality jobs by developing new industries and new sources of energy based on the bright ideas of scientists and engineers.

The panel included Nobel laureates, university presidents, corporate chairmen and former presidential appointees. Their report, "Rising Above the Gathering Storm," said the proposed actions would require changes of law and new or reallocated funds. A

summary of the report and a list of the 20 members is online at <http://www.nationalacademies.org>.

At a news conference in Washington, panel members estimated the cost of the new recommendations at \$10 billion a year, a figure that may prove daunting to Congress in a time of tight budgets.

Nevertheless, two senators who helped initiate the effort — Lamar Alexander, R-Tenn., and Jeff Bingaman, D-N.M. — praised its findings.

"This report shines a spotlight on the fact our country is losing its competitive edge," Bingaman said. "Clearly there are steps we can take to regain our competitiveness, and the recommendations outlined in this comprehensive report give us a good place to start."

Increasingly, experts say, strides in Asia and Europe rival or exceed America's in critical areas of science and innovation, often with little public awareness of the trend or its implications for jobs, industry, national security or the vigor of the nation's intellectual and cultural life.

The panel cited many examples:

- ¶ Last year, more than 600,000 engineers graduated from institutions of higher education in China, compared with 350,000 in India and 70,000 in the United States.
- ¶ Recently, American 12th graders performed below the international average for 21 countries on general knowledge in math and science.
- ¶ Chemical companies last year shut 70 facilities in the United States and marked 40 for closure. Of 120 large chemical plants under construction globally, one is in the United States and 50 are in China.

"Thanks to globalization," the report said, "workers in virtually every sector must now face competitors who live just a mouse-click away in Ireland, Finland, China, India or dozens of other nations whose economies are growing."

Its 20 recommendations doubled

the number that lawmakers — including Sherwood Boehlert, R-N.Y., chairman of the House Science Committee, and Bart Gordon, D-Tenn., also on the committee — asked for nearly five

months ago.

To create a corps of 10,000 teachers annually, the report called for four-year scholarships, worth up to \$20,000 a year, that would help top

students obtain bachelor's degrees in science, engineering or math — with parallel certification as math and science teachers in kindergarten through 12th grade.

## RIAA Files Lawsuits Against 757

RIAA, from Page 1

MIT students since March.

"These lawsuits are part of our ongoing enforcement program and part of our overall effort to discourage illegal downloading and encourage music fans to turn to legal services," Hunter said.

In addition to MIT, the 757 individuals include students from 16 other universities, including Carnegie Mellon, Columbia, Harvard, Princeton, and the University of California, Berkeley, according to an RIAA press release.

Of the 23 MIT students the record industry sued this spring, court records indicate that at least three have settled.

One of those 23 said she settled with the RIAA in August, after the RIAA issued a subpoena to MIT to

obtain her name. She said as part of the settlement, in which she paid "just under \$4000," she remains anonymous so that only her IP address appears in the court records.

The RIAA has filed lawsuits against more than 14,800 individuals since September 2003, and over 3,400 cases have been settled so far, Hunter said.

This June, the Supreme Court ruled unanimously that music-sharing services such as Grokster encourage users to share copyrighted digital files. "If there was any doubt, there is now none — individuals who download music without permission are breaking the law," Hunter said. "These lawsuits have helped arrest the tremendous growth of illicit peer-to-peer use, and we will continue to aggressively pursue them."

*Tongyan Lin contributed to the reporting of this story.*

### MIT IP Addresses Named in Suits

| IP Address   | Residence       | Date    | Songs Allegedly Shared Illegally                                                                                                                             |
|--------------|-----------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 18.241.6.248 | New House       | 8/21/05 | Go West (Pet Shop Boys), That Don't Impress Me Much (Shania Twain), A Thousand Years (Sting), Crash and Burn (Savage Garden), Wheel of Fortune (Ace of Base) |
| 18.242.6.31  | Next House      | 9/9/05  | Fast Car (Tracy Chapman), Always On the Run (Lenny Kravitz), Streets of Philadelphia (Bruce Springsteen)                                                     |
| 18.248.7.245 | East Campus     | 9/10/05 | El Capitan (OPM), Brown Eyed Girl (Everclear), Why Can't We Be Friends (Smash Mouth), What I Said I Do (Clint Black)                                         |
| 18.242.6.153 | Next House      | 9/11/05 | On Sacred Ground (Yanni), Reason for Rainbows (Yanni), Going Home (Kenny G)                                                                                  |
| 18.215.1.212 | Phi Kappa Sigma | 9/12/05 | Hey Baby (No Doubt), Underneath It All (No Doubt), In My Head (No Doubt), Have You Ever (The Offspring)                                                      |
| 18.242.6.48  | Next House      | 9/14/05 | Sex and Candy (Marcy Playground), Ride Wit Me (Nelly), Man in the Mirror (Michael Jackson), Give It Away (Red Hot Chili Peppers), Girlfriend (Alicia Keys)   |

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The record industry filed a lawsuit against users at the IP addresses listed above for sharing songs without permission. The lawsuit, No. 05-11960 was filed in federal district court in Massachusetts on Sept. 29.

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# Empty Beds Remain a Financial Burden for FSILGs

RRI, from Page 1

The FTP, which ended last spring, distributed \$250,000 to FSILGs during the 2004–2005 year, Immerman said. IFC officials and MIT administrators disagreed over the total amount the FTP should have disbursed over its three years, with student officials asserting a \$220,000 shortfall.

Since Fall 2002, when all freshmen were first required to live in undergraduate dormitories, FSILGs with houses have had fewer residential members, resulting in less income for most.

Immerman was uncertain about the most recent gap between FSILG operating expenses and income.

**RRI to include retreats, speakers**

The RRI will fund several programs including a three-week leadership course, called Greek Institute, as well as Recruitment 101, a type of boot camp on recruitment methods, Rogers said. Participants will also listen to speakers and learn to change the way they think, act, behave, and recruit.

RRI will be successful if it becomes more than just a one-year fix and effects a long-term increase in FSILG pledges and permanent members, Rogers said. It aims to build a foundation for improvement, he said, and “we need to keep the momentum

going.”

FTP was based on a formula using numbers of empty beds, but the goal of RRI is to provide a lasting solution to the FSILG struggle to remain financially viable, he said.

Child said that he does not expect the RRI to have as direct and helpful an impact as the FTP since many fraternity members may not be aware of it. Even if they participate in the activities, the positive effects are unclear, he said.

While some details of the RRI are yet been determined, \$3,000 has already been spent on retreats, Rogers said. A committee, made up of members of the Association of Independent Living Groups, Interfraternity Council, Panhellenic Association, Living Group Council, and FSILG staff, is forming subcommittees focused on marketing and development, Rogers said.

**Empty beds an ongoing problem**

Has the financial viability of the fraternities improved over the last year? Immerman said that he was certain that on average it had, though the situation varies from chapter to chapter.

Child said that the main deterrent to financial viability has been the lack of members. There has been a dip this year and last year in freshmen pledges due to the both smaller size of and lower percentage of males in

the Class of 2009. Although recruitment percentage increased compared to last year, the actual number of pledges remained at the same low.

All houses are also eligible for aid through the Independent Residence Development Fund Construction Loans, Educational Project, and Educational Operating Grants. The educational grants reimburse

FSILGs for educational space such as libraries and study rooms in their houses. Christopher R. Rezek, executive director of the FSILG Cooperative, said that “pretty much everybody” has applied for IRDF grants, which amount to an estimated total of \$500,000 to \$700,000.

Students have become more interested in pursuing several activi-

ties, and some worry about the time commitment of an organization such as an FSILG, Immerman said. One if the aims of the RRI is to send a clear message about the value of being an FSILG member, he said.

The effects of RRI this year will be observed before decisions are made about future funding, Rogers said.



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# Residents' Reactions To Tax Rates Differ

Taxes, from Page 1

sachusetts. The windfall for taxpayers is being funded in large part by \$10 million from reserve accounts, which total \$53.5 million this year, up from \$35 million last fiscal year.

"I've been really happy with my taxes," said Cambridge resident Maura Kilcommons. While Cambridge is an affordable place to live, "I'm lucky, I bought my house 15 years ago," she said. As for the free cash reserves, "if they can use some of that money to alleviate the pressure on those who are old, who can't afford the high payments — I think that's great."

Lawmakers cited increases in non-property tax earnings, such as the motor vehicle excise tax, hotel taxes, and

*"I've been really happy with my taxes."*  
—Maura Kilcommons

property values, which in turn drive taxes higher, potentially driving people from their homes.

John Moot, president of the Association of Cambridge Neighborhoods, said that the City's free cash might be used for the West Cambridge Youth Center and other large capital projects, rather than for what are essentially tax rebates, to make up for the hike last year.

Stash Horowitz, vice president of the association, said the low tax rate might be unsustainable "if commercial value don't continue to rise," and said the city should try to reduce expenditures rather than dig into its reserves.

The city budget has been rising by about \$20 million per year for the last few years, while the property tax levy has been increasing by about half that. Other sources of income for Cambridge include charges for services and transfers from the state government.

Property taxes represent almost 60 percent of the city's operating revenue, while fines, licenses, and the PILOT agreements with Harvard and MIT together account for under 7 percent. The City Council also projects next year's residential property tax levy to be low.

The city's property database has recently been enhanced to show assessed values for residential units based on sales of similar units in the same neighborhood. In a meeting on Sept. 26, councillors said they hope this information will improve the transparency of the assessment process and convince residents that their taxes are fair.

## Police Log

The following incidents were reported to the MIT Police between Oct. 5 and Oct. 11. This summary does not include incidents such as suspicious activity, false alarms, general service calls, medical shuttles, or isolated incidents of theft.

**Oct. 5:** Zesiger Center Parking Lot (125 Vassar St.), malicious damage to a vehicle (incident occurred Sept. 30).

**Oct. 6:** Lambda Chi Alpha (99 Bay St. Rd.), two laptops stolen.

**Oct. 8:** Phi Kappa Sigma (530 Beacon St.), 3:25 a.m., student assaulted by second student; victim transported to MGH for treatment.

**Oct. 10:** Burton Conner (410 Memorial Dr.), 12:25 p.m., female reports suspicious person in hallway; tall, older black male hides and ducks down when residents come out of rooms; suspect gone on arrival.

**Oct. 11:** E17 (40 Ames St.), larceny of construction materials (incident occurred Sept. 29).

Compiled by Marjan Rafat and Tai DaCosta with assistance from other members of the MIT Crime Club.

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# Institute Alumnus Wins Nobel

**Aumann, from Page 1**

The best part about winning was hearing from old friends from as many as 60 years ago — “it’s too bad that I lost touch with these people, and here they are,” he said.

According to a news release from the Israel Ministry of Foreign Affairs, Aumann immigrated to Israel in 1956 and became an instructor at the Hebrew University, where he eventually rose to the rank of professor emeritus in 2000. He has also served as a visiting professor at many American universities, including Princeton, Yale, and Stanford. Aumann has authored nearly 100 scientific papers and six books.

Solution to Sudoku  
from page 7

|   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| 4 | 8 | 1 | 3 | 9 | 5 | 6 | 7 | 2 |
| 3 | 7 | 2 | 8 | 1 | 6 | 4 | 9 | 5 |
| 6 | 5 | 9 | 4 | 2 | 7 | 8 | 1 | 3 |
| 8 | 6 | 4 | 1 | 7 | 3 | 2 | 5 | 9 |
| 5 | 2 | 3 | 6 | 4 | 9 | 1 | 8 | 7 |
| 1 | 9 | 7 | 2 | 5 | 8 | 3 | 4 | 6 |
| 7 | 1 | 6 | 5 | 8 | 2 | 9 | 3 | 4 |
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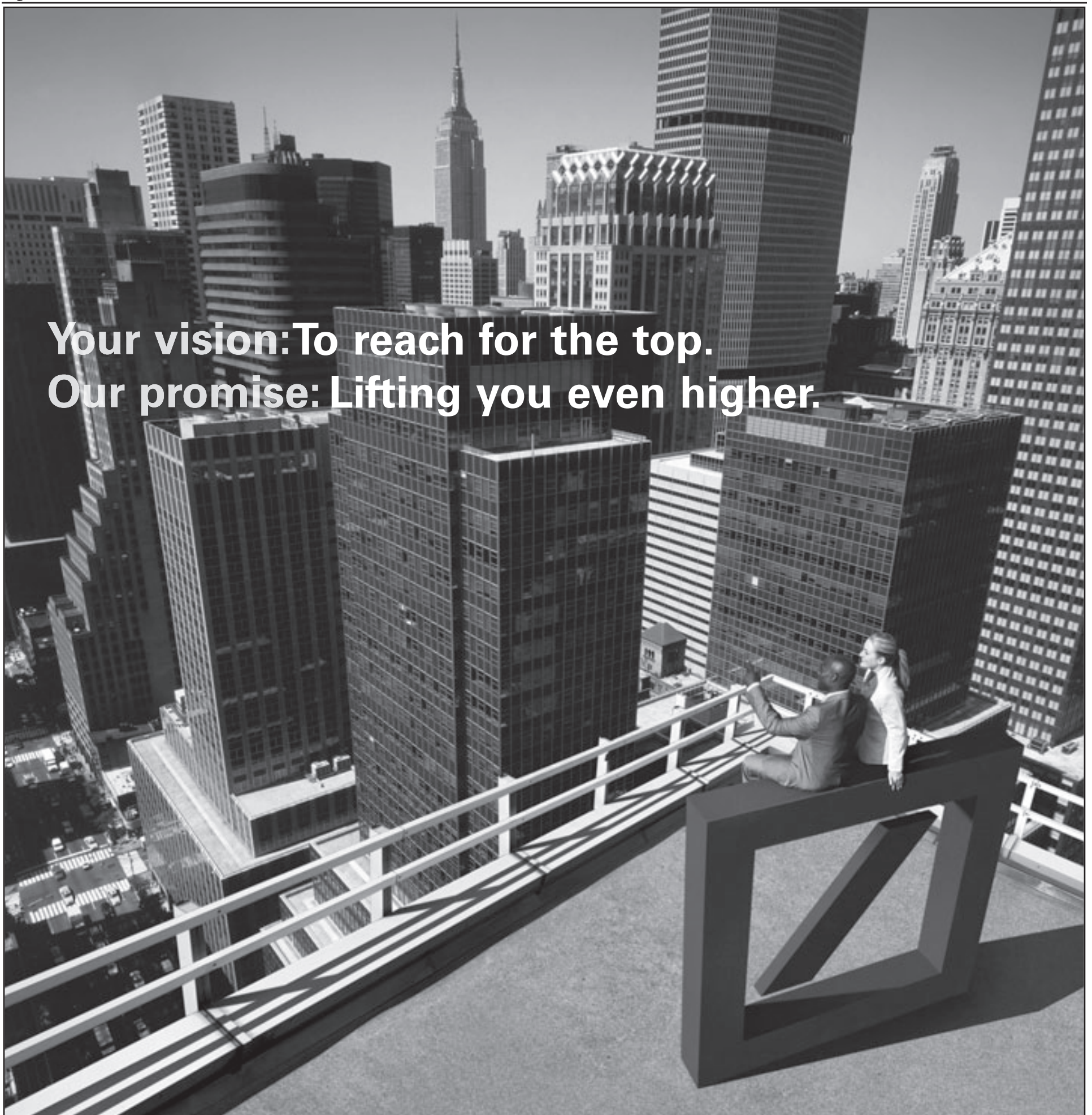
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committee on campus race relations





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# Look for the Steelers' Defense To Top Jacksonville on Sunday

By Yong-yi Zhu  
ASSOCIATE SPORTS EDITOR

This week's NFL Roundup:  
**Game of the Week:**  
**Jaguars at Steelers**

The Steelers might not have QB Ben Roethlisberger or even Tommy Maddox, but they still have a terrific defense. They also have the Bus to carry them. However, Pittsburgh will need to get through John Henderson and Marcus Stroud of the Jags' interior defensive line. The Jaguars are coming off a big Sunday night victory and are probably too excitable to win another big one. I look for the Steelers to win a huge defensive battle, by less than a field goal.

**Upset Special: Vikings at Bears**  
The Bears' defense might be great, but that's not enough to compensate for the Kyle Orton-led offense. The Vikings are being given three points, but I have a gut feeling that they are going to win this game outright. Vikes QB Daunte Culpepper will find the end zone more often than he has in previous games.

**The Rundown:**  
**Patriots at Broncos:** The Patriots gave up 298 passing yards to Matt Schaub. When was the last time Matt Schaub passed for any yards, let alone that many? Denver QB Jake Plummer is just a bit better than Schaub and the Denver running game will dominate the Pats' run defense. The Broncos will probably win by a touchdown or more.  
**Dolphins at Buccaneers:** This game reunites the two Auburn run-

ning backs who should have won a national title together. We now know how good that Tiger team really was, considering the difference both are making in their respective clubs. But at the end of the day, the Cadillac will be king, and the Bucs will win by at least a touchdown.  
**Panthers at Lions:** If the Panthers can only beat the Cardinals by four points, they might have trouble against the Lions. Let's just say that Panthers RB Stephen Davis needs to carry for more than 46 yards if Carolina is to win the game. Lions QB Joey Harrington should still be deported in my opinion.  
**Bengals at Titans:** The Bengals suffered a tough loss against the Jags last week, but against the Titans, they should not have nearly as much trouble. RB Rudy Johnson will run well against Tennessee since the Titans gave up 130 yards to Dominic Davis. The Bengals are three-point favorites, but should win by more than that.  
**Browns at Ravens:** The Ravens' defense was decimated last week by the Lions' rushing attack. However, Browns RB Reuben Droughns should not present them any problems. The Ravens are coming off a tough loss while the Browns are coming off a big win. The result will easily be flipped this time around.  
**Giants at Cowboys:** We saw two weeks ago why Giants QB Eli is a Manning. Unfortunately for him, the Cowboys are playing well, especially after having picked apart the Eagle defense. The Cowboys QB Drew Bledsoe, with his experience, will be the difference maker. The Cowboys will win by a couple of touchdowns.  
**Redskins at Chiefs:** Perhaps I was naïve in going with the Redskins last week; I won't make the

same mistake again. The Chiefs have what it takes to get through the Skins' defense, especially from the running game. The Arrowheaders will win the game, but probably not by a full touchdown.  
**Texans at Seahawks:** RB Sean Alexander is a wrecking ball in the Seahawks' offense, and apparently so is QB Matt Hasselbeck. Two touchdowns and 316 yards scored last week mean that Seattle is probably going to crush the Texans. The only difference between Houston and Tennessee is that the Seahawks will destroy the Texans in prime-time, rather than the afternoon.  
**Rams at Colts:** The Colts continue to roll. Without Coach Mike Martz, the Rams are a sinking ship without a captain. But I wouldn't give the Colts two touchdowns. Somewhere between 7 and 10 points is more likely to be the margin of victory.  
**Chargers at Raiders:** The Chargers played the Steelers tough Monday night; they won't have to do nearly as much against the Raiders this Sunday. The Bolts will win by at least a touchdown.  
**Jets at Bills:** QB Vinny Testaverde didn't prevent the Jets from losing last week, but the fact that the Jets only gave up four field goals was ridiculously impressive. The Bills are not even the caliber of team that the Bucs were. Look for this one to be an upset by the Jets.  
**Falcons at Saints:** Falcons QB Matt Schaub may be a better quarterback than Michael Vick, but he is not a better player. Now that Vick is back against the Saints, the Falcons will get on track dominating the running game and relying less on the pass. The Falcons will win this game by a touchdown.

# Amid Rain, Wind, and Mud, Football Team Defeats Western in Close Game

**Football**, from Page 24  
made one of a multiple of huge kicks, perfectly placing an onside kick that Blau recovered. Shortly after, Mancuso found Kilpatrick on a leaping grab for another 24-yard touchdown, and then on the following kickoff, Kalk forced a fumble that Blau promptly returned for another score. Within a mere 8 minutes, Tech had turned a blowout into a tight 27-24 contest.  
Western New England had multiple chances to put more points on the board, but crucial mistakes, including fumbles in their final two possessions, helped seal the Engineers' comeback victory.  
Perhaps one of the most telling stats of the game was Ramirez's av-

erage of 37.5 yards per punt through the pouring rain, including four that landed inside the 20-yard line. By Tech's final punt of the game with around 90 seconds to go, the game balls were clearly soaked and slippery in spite of being alternated and wiped down every few plays. The long snap fell well short of Ramirez, but he fluidly picked up the ball on one bounce and boomed a huge kick in one motion, salvaging what could have been disastrous field position. "Special teams was a key that we had talked about," said Coach Dwight E. Smith. "Ramirez came up big in this game."  
As the clock wound down to zeroes following MIT's fifth fumble recovery of the game, the Tech

players' cheers could be heard across campus. "This was a character builder for a young team," Smith said. "[This comeback] was definitely up there as one of the greatest I've been a part of."  
"Our kids simply had more will than the other team," said Offensive Line Coach Rick Adams.  
By the end of the game, the wind and rain hadn't slowed down one bit, and the temperature had dropped a couple of degrees. The composition of the field had become primarily mud, as had many of the players' jerseys. But after one of the greatest comebacks in MIT history, it felt like a sunny 80 degree day without a cloud in the sky.

# With Ludlum Shut Down, Women's Soccer Struggles to Score in Match Against Smith

**Soccer**, from Page 24  
they not score, there were only three shots by MIT in the entire first half. The Engineers were consistently able to strip the ball from Smith but then seemed to forget what to do with it. They are, to a player, aggressive and indefatigable, and in a one-on-one competition, MIT would come out on top. Unfortunately, they meshed poorly, and regardless of how effective any member of the team was at securing the ball, it was inevitably booted away on a bad pass seconds later.  
After halftime, as the 50-odd spectators were drenched in a sudden downpour, Smith took advantage of their lead and put all their resources into defense. Amy S. Ludlum '08, literally the team's only scorer, was double-teamed and removed from the equation. Without her, the Engineers were severely handicapped.  
Though the Tech defense recovered well and protected the net for the

remainder of the game, the offense lacked the patience and precision to control the ball long enough to launch a strong attack. The Engineers had only one shot throughout the second half.  
MIT's best chance to score came midway through the second period when Ludlum shook her marks and charged down the field on her own. The Smith goaltender, Lauren Bachtel, came out of the net and challenged Ludlum. In the resulting collision, Ludlum lost the ball, but Bachtel was injured and had to be removed from the game. After that, Smith put even more effort into covering Ludlum, and the Engineers went the rest of the game without a chance to score.  
The Engineers were shut out even though the Smith goaltenders had only

three saves.  
Friday's game was not an isolated incident. Of the six goals the team has scored over the course of the season, every one has been scored by Ludlum. MIT has had less than half the number of shots on goal as their opponents (41 compared to 95) and has scored half as many goals (6 compared to 12). The latter ratio would be significantly worse were it not for the undaunted efforts of Vater, who is second in the conference in save percentage and already holds the MIT record in that category. Only a junior, she is already fourth on MIT's all-time saves list.  
With five conference games remaining in the season, the Engineers have a chance to improve their standings. However, to do so would require kick-starting an offense that has been in a serious slump this season.

# Women's Tennis Defeats Clark 9-0

**Women's Tennis**  
The MIT women's tennis team wrapped up the 2005 regular season by defeating Clark University 9-0 Saturday afternoon to give the Engineers the No. 2 seed for the Championship Tournament to be held on Oct. 22 at Babson College.  
The Cardinal and Gray utilized its entire roster in the win, led by sophomores Mariah N. Hoover '08, Jusleen M. Karve '08, and Lisa M. Shank '08, who each shut out their opponents in singles play.  
Sophomores Hoover and Serena Y. Lin were named NEWMAC Doubles Team of the Week after failing to drop a single set at No. 1 doubles for MIT. They swept the team of Jackson and McDermott, 8-0, in the 9-0 win over Wheaton last Tuesday.  
Hoover and Lin stayed perfect for the week after defeating the team of Slack and Sneddan, 8-0, in Saturday's 9-0 win over Clark. It is the second time this season that the NEWMAC has given weekly recognition to a pair from MIT.  
—MIT Athletic Department

**Women's Volleyball**  
The women's varsity volleyball team continued its strong conference play when it won its sixth straight conference match this past Tuesday against WPI. The Engineers won the match 3-0 (30-17, 30-14, 30-10) to push their overall record to 19-5 and their NEWMAC conference record to 6-0. MIT is also currently ranked No. 2 in the New England region.  
The MIT offense was led by setter Amanda J. Morris '08, who dished out 34 assists on the night and distributed the ball well enough to get every hitter on the team at least one kill. Briana J. Stephenson '07 and Caroline D. Jordan '06 led the team in kills with 12 and 10, respectively, while classmates Alex N. Huston-Carico '08 and Ellen E. Sojka '08 added 5 kills each to the effort. Arlis A. Reynolds '06 and Carrie C. Buchanan '08 anchored the defense with 14 and 8 digs respectively.  
MIT will host a quad tournament this Saturday in Rockwell Cage with Colby-Sawyer College, Emmanuel College and Mount Ida College. Match times will be at 10:30 a.m., 1 p.m. and 3 p.m.  
—Paul Dill, Team Coach

**Tae Kwon Do**  
On Oct. 1, MIT sent a group of taekwondoists to the Ivy/Northeast Collegiate Taekwondo League (INCTL) All Stars Tournament at UPenn. Athletes competed individually at the advanced black belt level for the gold medal in their division and a coveted spot on the INCTL All Stars Team. At the end of the day, eight athletes (one man and one woman from each of four weight classes) were named INCTL All Stars and given the opportunity to attend a week-long intensive taekwondo training camp as part of the All Stars Team.  
MIT sent six competitors to compete in the All Stars competition. The double elimination tournament brackets meant that many competitors faced the same opponent twice. Sharon A. Lawrence '07 sparred hard in two matches against the eventual All Star of the women's bantam/featherweight division from UPenn, earning a silver medal.  
Alicia Y. Zhou '06 clobbered her opponent in her first match with head shots and hard body shots, kicking her way to a final score of 15-4. After conceding her next match to teammate and eventual All Star Erica Y. Chan '07, Zhou again faced and defeated the same opponent by a similar margin. In the women's fin/flyweight finals, Zhou and Chan met again, with Zhou conceding the match to Chan to avoid unnecessary injury and conserve energy for the upcoming MIT tournament.

On the men's side, Ryan B. Huang '06 sparred in the fin/flyweight division against a well-matched opponent from Temple University. After several rounds of mental chess, Huang took the silver in his division.  
In the men's bantam/featherweight division, Conor F. Madigan G and Bobby B. Ren G swept their respective sides of the bracket, defeating their competition by a total margin of more than 20 points. In the finals, Madigan and Ren faced off in a classic MIT-vs.-MIT match to resounding "Go Tech! Go Tech!" cheers from their teammates. At the end of a well-fought match, Madigan took the All Stars gold and Ren the silver.  
Aside from the black belt level All Stars competition, the tournament also included a Colorbelt Invitational competition that allowed beginner and intermediate level taekwondoists to compete as well. In the forms division, Gladys E. Priso G made her INCTL debut at the white belt level, and although she did not have a three-person team on which to spar, she was given the opportunity to spar an exhibition match against a UPenn opponent.  
On the men's side, Richard-Duane S. Chambers G made his league debut as well, capturing a bronze medal in green belt forms. Chambers and Iliya T. Tsekov '08 competed at both the beginner and intermediate sparring levels as a two-man team, winning a bronze medal in the beginner division. Learning quickly on his feet, Chambers used clean body shots and well-timed head shots to defeat his final opponent 17-5.  
MIT competitors returned home with two INCTL All Stars. With the MIT Tournament just two days away, (Sunday, Oct. 16 in du Pont Gymnasium) this first tournament marks the beginning of an exciting season to come.  
—Bobby Ren and Alicia Zhou, Team Members

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SPORTS

Engineers Come From Behind To Defeat Golden Bears 31-27

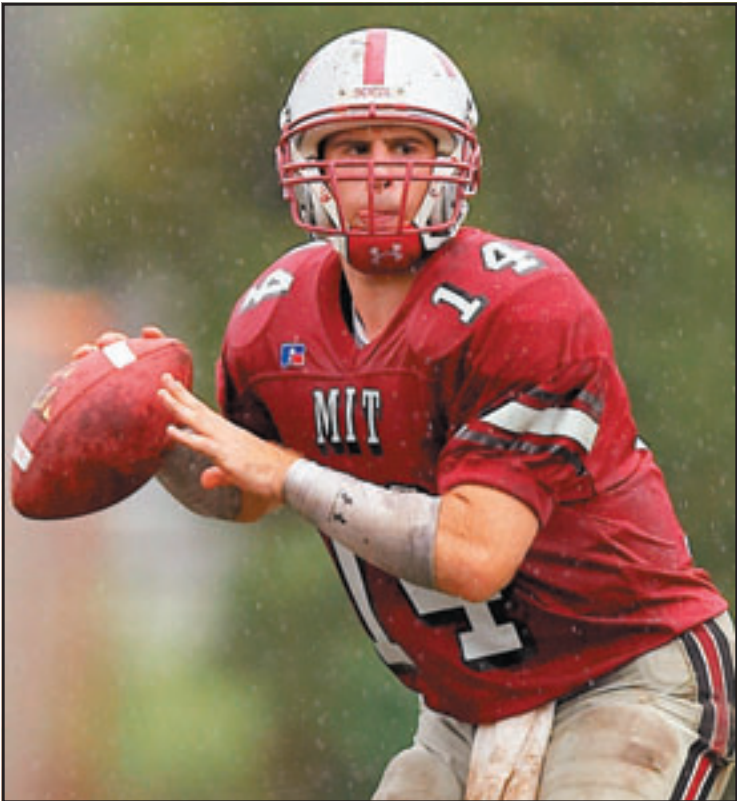
By Albert Ni

Perhaps more than any other sport, football is a game that rewards sheer determination and willpower. In MIT's stunning 31-27 victory over the Western New England Golden Bears, it took nothing less than every ounce of determination and willpower the Engineers had to engineer one of the greatest comebacks in school history.

MIT put up 28 unanswered points in the second half by capitalizing on every opportunity, diving on every loose ball, and simply refusing to wilt through relentless rain and wind. Quarterback Richard A. Mancuso '09 led a furious air assault, connecting on 24 of 56 passes for 277 yards and 2 touchdowns. Kevin T. Vogelsang '09 paced the receivers with 150 yards on 9 catches, while Thomas J. Kilpatrick '06 contributed another 78 yards on 6 catches. Defensive Back David A. Blau '06 added a huge 30-yard fumble recovery, following a monster hit by Defensive Back David O. Kalk '08, for a touchdown, and Christopher W. Ruggiero '07 capped off the scoring with a game winning 1-yard run.

The Engineer defense, led by Phillip T. Zakielarz '06, Brennan F. Sherry '06, and Kalk, came up big in the second half, recovering 5 of the 8 Golden Bear fumbles in the game, several of which led to scores or halted crucial Western New England drives. "Our kids simply had more will than the other team," said Offensive Line Coach Rick Adams.

Coming off consecutive blowout losses, a third one seemed almost inevitable for Tech going into halftime down 27-3. The deficit might have felt even larger than that, as



Richard A. Mancuso '09 looks for an open receiver during the men's football 31-27 come-from-behind victory. Mancuso set an Institute record with 56 pass attempts and finished 24-of-56 for 277 yards and two touchdowns.

the Golden Bears seemed to be able to move the ball at will in the first half, stringing together three long scoring drives while coming up with crucial interceptions that killed promising Engineer drives and produced a touchdown. Aside from a field goal following a fumble forced by Ryan L. Brunswick '09, Tech looked overmatched for the first 30 minutes of the game.

Due to a combination of the score and inclement weather (the game time temperature was around 70 degrees, with pouring rain and wind),

by the beginning of the second half a majority of the crowd present at the beginning of the game had dispersed. However, the Tech players' spirits were not dented, and within four minutes of the start of the third quarter, Mancuso found Vogelsang for a 22-yard touchdown pass. Vogelsang immediately followed that up with a sensational one-handed grab on the ensuing two-point conversion.

Next, Kicker R. Matt Ramirez '06

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Defense back David O. Kalk '08 (#1) tackles Western New England College's Jarod Johnson to force a fumble that led to a 30-yard touchdown return, giving the Engineers the game-winning points on Saturday, Oct. 8. The Engineers scored 28 unanswered points in the second half and recovered eight fumbles by WNEC to stun the Golden Bears, 31-27.

UPCOMING HOME EVENTS

Saturday, Oct. 15, 2005

Varsity Rifle vs. VMI, Mass. Maritime, Wentworth  
Varsity Sailing — Brass Rat Regatta  
Varsity Women's Volleyball vs. Mount Ida College  
Varsity Men's Soccer vs. WPI  
Varsity Field Hockey vs. Mount Holyoke College  
Varsity Women's Volleyball vs. Emmanuel College  
Varsity Women's Volleyball vs. Colby-Sawyer College

8:00 a.m., MIT Rifle Range  
9:30 a.m., Charles River  
10:30 a.m., Rockwell Cage  
1:00 p.m., Steinbrenner Stadium  
1:00 p.m., Jack Barry Field  
1:00 p.m., Rockwell Cage  
3:00 p.m., Rockwell Cage

Sunday, Oct. 16, 2005

Varsity Sailing — Boston University Invitational  
Varsity Sailing — Brass Rat Regatta

9:00 a.m., Charles River  
9:30 a.m., Charles River

Women's Soccer Weak In Loss Against Smith

By Caitlin L. Murray

STAFF WRITER

Friday, while the Red Sox's post-season was coming to a sudden, anticlimactic end, the MIT women's soccer

team put in an equally dismal performance, losing to Smith College 2-0. This loss puts them squarely in seventh place in the NEWMAC standings, with only Mount Holyoke and the Coast Guard Academy below them.

Smith took control from the opening whistle, with their star forward Catherine Peo leading the onslaught.

Seven minutes into the game from fifteen yards out, she launched the ball across the net and into the corner, past MIT goaltender Katherine A. Vater '07.

Five minutes later, with MIT still on its back, Smith scored again, giving the spectators a clear vision of what was in store for the Engineers for rest of the match. On a pin-point perfect assist from Brittoni Famous, Smith's Estafi Alvarez snuck the ball past Vater into the far corner of the net.

MIT never recovered. Not only did

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NEWMAC SCOREBOARD

Field Hockey

| NEWMAC Only |               |     |      |       | Overall |      |       |
|-------------|---------------|-----|------|-------|---------|------|-------|
|             | Team          | Win | Loss | Win % | Win     | Loss | Win % |
| 1           | Babson        | 5   | 0    | 1.000 | 12      | 3    | .800  |
| 2           | Springfield   | 3   | 1    | .750  | 11      | 2    | .846  |
|             | MIT           | 3   | 1    | .750  | 11      | 2    | .846  |
|             | Mount Holyoke | 3   | 1    | .750  | 8       | 3    | .727  |
| 5           | Wellesley     | 2   | 2    | .500  | 7       | 4    | .636  |
| 6           | Clark         | 1   | 3    | .250  | 2       | 10   | .167  |
|             | Smith         | 1   | 3    | .250  | 6       | 6    | .500  |
| 8           | Wheaton       | 1   | 4    | .200  | 4       | 9    | .308  |
| 9           | WPI           | 0   | 4    | .000  | 5       | 7    | .417  |

Men's Soccer

| NEWMAC Only   |     |      |     |       | Overall |      |     |       |
|---------------|-----|------|-----|-------|---------|------|-----|-------|
| Team          | Win | Loss | Tie | Win % | Win     | Loss | Tie | Win % |
| 1 Babson      | 3   | 0    | 0   | 1.000 | 8       | 2    | 4   | .714  |
| Clark         | 3   | 0    | 0   | 1.000 | 10      | 1    | 0   | .909  |
| Wheaton       | 3   | 0    | 0   | 1.000 | 8       | 4    | 1   | .654  |
| 4 Coast Guard | 1   | 1    | 0   | .500  | 4       | 6    | 1   | .409  |
| 5 Springfield | 0   | 3    | 1   | .125  | 1       | 9    | 1   | .136  |
| WPI           | 0   | 3    | 1   | .125  | 5       | 5    | 1   | .500  |
| 7 MIT         | 0   | 3    | 0   | .000  | 6       | 5    | 0   | .545  |

Women's Soccer

| NEWMAC Only     |     |      |     |       | Overall |      |     |       |
|-----------------|-----|------|-----|-------|---------|------|-----|-------|
| Team            | Win | Loss | Tie | Win % | Win     | Loss | Tie | Win % |
| 1 Wheaton       | 5   | 0    | 0   | 1.000 | 10      | 4    | 0   | .714  |
| 2 Clark         | 4   | 0    | 0   | 1.000 | 8       | 3    | 0   | .727  |
| Springfield     | 4   | 1    | 0   | .800  | 7       | 4    | 2   | .615  |
| 4 Smith         | 3   | 1    | 0   | .750  | 6       | 3    | 1   | .650  |
| 5 Babson        | 2   | 2    | 1   | .500  | 7       | 5    | 1   | .577  |
| Wellesley       | 2   | 2    | 1   | .500  | 5       | 4    | 2   | .545  |
| 7 WPI           | 1   | 3    | 0   | .250  | 4       | 7    | 1   | .375  |
| MIT             | 1   | 4    | 0   | .200  | 3       | 9    | 0   | .250  |
| 9 Mount Holyoke | 0   | 4    | 0   | .000  | 4       | 6    | 0   | .400  |
| Coast Guard     | 0   | 5    | 0   | .000  | 2       | 9    | 0   | .182  |

Women's Tennis

| NEWMAC Only     |     |      |       | Overall |      |       |
|-----------------|-----|------|-------|---------|------|-------|
| Team            | Win | Loss | Win % | Win     | Loss | Win % |
| 1 Wellesley     | 7   | 0    | 1.000 | 7       | 0    | 1.000 |
| 2 MIT           | 6   | 1    | .857  | 7       | 2    | .778  |
| 3 Babson        | 5   | 2    | .714  | 7       | 3    | .700  |
| 4 Wheaton       | 4   | 3    | .571  | 7       | 5    | .583  |
| 5 Mount Holyoke | 3   | 4    | .429  | 4       | 5    | .444  |
| 6 Springfield   | 2   | 5    | .286  | 3       | 10   | .231  |
| 7 Clark         | 0   | 6    | .000  | 2       | 9    | .182  |
| Smith           | 0   | 6    | .000  | 0       | 7    | .000  |

Volleyball

| NEWMAC Only   |     |      |       | Overall |      |       |
|---------------|-----|------|-------|---------|------|-------|
| Team          | Win | Loss | Win % | Win     | Loss | Win % |
| 1 MIT         | 6   | 0    | 1.000 | 19      | 5    | .792  |
| Springfield   | 6   | 0    | 1.000 | 21      | 4    | .840  |
| 3 Coast Guard | 5   | 1    | .833  | 15      | 3    | .833  |
| 4 Smith       | 4   | 2    | .667  | 14      | 4    | .778  |
| 5 Wellesley   | 3   | 3    | .500  | 14      | 8    | .636  |
| 6 Wheaton     | 2   | 3    | .400  | 7       | 13   | .350  |
| 7 Babson      | 1   | 5    | .167  | 4       | 13   | .235  |
| Mount Holyoke | 1   | 5    | .167  | 7       | 9    | .438  |
| WPI           | 1   | 5    | .167  | 8       | 12   | .400  |
| 10 Clark      | 0   | 5    | .000  | 5       | 14   | .263  |

The New England Women's and Men's Athletic Conference is a Division III league in which MIT competes.