MIT's **Oldest and Largest** Newspaper



The Weather

Today: Sunny. High 34°F (1°C) Tonight: Mostly clear. Low 20°F (-7°C) Tomorrow: Sun and clouds. High 36°F

Tomorrow Night: Light snow begins. Low 25°F (-4°C) Details, Page 2

Volume 126, Number 7

Cambridge, Massachusetts 02139

Tuesday, February 28, 2006



A sign points blood donors to La Sala de Puerto Rico, located on the second floor of the Stratton Student Center. The blood drive will continue through 6 p.m. this Thursday, March 2.

Students Question Lack of Input Into Design of Future Grad Dorm

By Rosa Cao

Two weeks after MIT announced its plan to build a new graduate dormitory to replace Ashdown House, students and housemasters are expressing dismay at the lack of transparency during the administration's decision-making process.

A main point of friction has been students' apprehension that the relatively short timetable for finalizing floor plans for the new dormitory will not allow for adequate student input into room configurations and

common space allocations.

At a town hall meeting held last Thursday evening at Ashdown, emotions were running high. "Everything has been going on with no one being told that this is going on," said Ashdown Housemaster Terry P. Orlando. "Basically there has been no student input ... We were all frozen out of

It seems as if "the administration hasn't looked for student input," said Suddhasattwa Sinha G, Ashdown House Executive Committee president, at the meeting. "They think that

graduate students want lots of amenities. They don't understand that a lot of people can't afford to live in the new places."

But in an e-mail message, Dean for Student Life Larry G. Benedict expressed confidence that "there is plenty of time for quality student input into the size and scope of common space ... given that everyone is familiar with the needs of the graduate community.'

Undergraduates and graduate stu-

Ashdown, Page 11

Colleges File Briefs **Backing MIT Admins** In Shin Case Appeal

By Kelley Rivoire

Backed by prominent colleges and educational organizations from across the state and nation, two MIT administrators filed a petition Friday in Massachusetts Appeals Court asking for the dismissal of charges against them in a lawsuit filed by the parents of Elizabeth H. Shin '02, who committed suicide in 2000 while at MIT.

The administrators' petition argues that the Massachusetts Superior Court made a significant error in allowing charges against the them to persist, an error that could have chilling repercussions for universities across the nation. The petition was supported by three amicus curiae (friend of the court) briefs from 15 Massachusetts colleges, eight prominent universities outside of Massachusetts, and eight national educational organizations.

Massachusetts Superior Court Judge Christine McEvoy's ruling last June that non-clinician administrators could potentially be held accountable for Shin's suicide contradicts Massachusetts law, and unless reversed, the petition and briefs state, would create a detrimental and untenable environment in universities across the nation.

If administrators are found potentially responsible in cases of students who might harm themselves, the natural outcome will be for them to shrink from liability by avoiding involvement in such cases or to recommend stronger clinical action than

might be advisable, the briefs and petition argue.

The two MIT administrators who filed the petition are former Counseling and Support Services Dean Arthur Henderson and Nina Davis-Millis, housemaster of Random Hall where Shin lived and was found to have died by self-inflicted burns in 2000. A list of the universities and higher education groups filing briefs can be found on page 10.

The MIT administrators asked last August for McEvoy's June 2005 decision to be clarified and reconsidered, a request that McEvoy denied late January without issuing a written discussion. If the appeal filed by the administrators Friday is not successful, the charges against administrators, along with other outstanding charges against MIT Medical physicians, will proceed to a trial set for May 1. The high-profile \$27.65 million lawsuit was filed by Shin's parents in 2002. Charges against the Institute and MIT Police officers, also part of the lawsuit, as well as other charges against the administrators and MIT clinicians, were dismissed in the June 2005 ruling.

In their petition, Davis-Millis and Henderson argue that McEvoy's decision to allow charges against them to continue to trial violates Massachusetts law, which states that non-clinicians have responsibility to prevent suicide only in cases where they either caused the suicidal condition or the person involved was in

Shin, Page 10

Departing VP Emphasizes Child Care Need, Diversity

By Gabriel Fouasnon

After seven years as Vice President for Human Resources, Laura Avakian will retire in May, leaving her successor with the challenges of managing MIT's close to 15,000 employees.

Avakian's planned May retirement, announced last week, follows closely on the heels of a number of other departures by top administrators since the end of President Hockfield's first year at MIT, a period for which she asked administrators to remain in their positions.

Avakian said her decision to retire was motivated by considerations for her family. Although she was concerned that leaving was "going to look like piling on top of all the other retirements," now that Hockfield has been in office for a full year, the adjustment period is coming to an end, Avakian said.

The biggest challenge facing her successor will be learning how to work in a complex, wide environment that lacks centralization. The successor, she said, will have to "really understand the environment."

During her time as MIT's vice president of human resources, Avakian made substantial gains in improving MIT's child care system, created an employee leadership program, and led the efforts for an upcoming installation of an online database system that will include online time cards and require direct deposit, streamlining the functions of human resources and payroll.

But though child care has been proved, more work remains: the Stata Center child care facility waiting list has ballooned. "We need to have more space," Avakian said, and MIT is committed to fulfilling that need. Toward that goal, the Institute started a new backup child care system where MIT subsidizes child care provided by a backup company in the case of emergencies, she

Avakian's office is also seeking to improve staff diversity. "It's a big priority, and I think all of us would say we have not had huge success to date," she said. But the system has to

Page 12

Avakian, Page 13

Bruni Assumes Role of GSC President By Jenny Zhang

Following Emilie F. Slaby G's resignation last week from the position of Graduate Student Council president, Sylvain Bruni G has assumed her duties in addition to his existing ones as GSC vice president. Bruni will occupy both positions until the 2006-2007 GSC officers are elected and take office in May, in accordance with normal procedure

Bruni indicated GSC activities, such as the publication of the Graduate Student News graduate student ring ceremony, and joint party with Harvard, would continue as usual under his leadership.

Slaby said she will be putting focus on her thesis, and has stepped back to let the GSC proceed on its own. "I think I've had a great two years of involvement" and "wish them the best," she said.

As for his increased responsibilities, Bruni joked that his advisor was

While the major GSC focus in recent weeks has been the level of transparency and student input with

Slaby, Page 12



Sylvain Bruni G, vice president of the Graduate Student Council, is now also GSC President after the resignation of former president Emilie F. Slaby G.

News MIT Considers Collaboration With Portugal

Comics..... 8

THE TECH February 28, 2006 Page 2

World & Nation

Justices Take Up Campaign Finance, **Redistricting Cases**

By Linda Greenhouse

THE NEW YORK TIMES

WASHINGTON

The most pressing and unsettled questions in election law are those that concern the role of money, the role of race and the role of partisanship. The Supreme Court will take up all three this week.

Hearing arguments in a campaign finance case from Vermont on Tuesday and a congressional redistricting case from Texas on Wednesday, the justices will venture onto a shifting landscape where the controlling legal precedents are either unclear or unstable and the prospect for fundamental change looms on the horizon.

On many of the questions, the new Roberts court will almost certainly be as closely divided as was the Rehnquist court. Two years ago, for example, Justice Sandra Day O'Connor, who was succeeded last month by Justice Samuel A. Alito Jr., cast the decisive fifth vote to uphold major provisions of a new federal campaign finance law. The justices were unable during that same term to agree on a majority opinion in a case from Pennsylvania on whether the Constitution prohibits a partisan gerryman-

While decisions in the new cases are not likely until June, the arguments this week could offer a hint of the court's direction and appetite for

U.S. and Colombia Reach Trade Deal After Two Years of Talks

By Juan Forero

THE NEW YORK TIMES

BOGOTA, COLOMBIA

After nearly two years of negotiations, the United States and Colombia agreed on Monday to a trade deal that would be the largest Washington has concluded with a Latin American country since signing a free trade pact with Mexico in 1993.

"For the good of the country, we have completed this negotiation," Colombia's commerce minister, Jorge Humberto Botero, said in Washington after talks ended with an agreement at 4 a.m. on Monday.

The pact was a rare victory in Latin America for the Bush administration, which in the last two years has had to redirect efforts away from fashioning a 34-country trade bloc to negotiating deals with individual countries. Big players like Brazil have balked at talks because of hurdles like American farm subsidies, while Venezuela's president, Hugo Chavez, has led the charge against free trade on ideological grounds.

President Bush signed a pact with Central America last summer, and American negotiators concluded a trade deal with Peru in December. The United States is working on a pact with Ecuador, which is under pressure now that its two much larger neighbors have reached agreements.

New Bill Aims to Cover Half The Massachusetts Uninsured

By Scott Helman and Scott S. Greenberger

The state Senate, in an 11th-hour bid to keep \$385 million in annual federal Medicaid money coming into Massachusetts, will debate a slimmed-down healthcare bill Tuesday that aims to cover roughly half of the state's uninsured residents through new subsidized insurance plans.

Senate President Robert E. Travaglini released the new plan after talks with the House over a more comprehensive healthcare measure deadlocked. The state, he said, faces an "emergency situation" because it could lose the Medicaid money if the Legislature doesn't act immediately on a federal mandate: begin moving the 500,000 to 600,000 uninsured people into insurance plans.

Unlike House Speaker Salvatore F. DiMasi and Governor Mitt Romney, Travaglini has long advocated a gradual approach to covering the uninsured, laying out a broader plan last year to cover about half of

Violence in Darfur Spreading **Across the Border Into Chad**

By Lydia Polgreen

THE NEW YORK TIMES

ADRE, CHAD

The chaos in Darfur, the war-ravaged region in Sudan where more than 200,000 civilians have been killed, has spread across the border into Chad, deepening one of the world's worst refugee crises.

Arab gunmen from Darfur have pushed across the desert and entered Chad, stealing cattle, burning crops and killing anyone who resists. The lawlessness has driven at least 20,000 Chadians from their homes, turning them into refugees in their own coun-

Hundreds of thousands more people in this area, along with 200,000 Sudanese who fled here for safety, now find themselves caught up in a growing conflict between Chad and Sudan, two nations with a long history of violence and meddling in each other's affairs.

"You may have thought the terrible situation in Darfur couldn't get worse, but it has," Peter Takirambudde, executive director of the Africa division of Human Rights Watch, said in a recent statement. "Sudan's policy of arming militias and letting them loose is spilling over the border, and civilians have no protection from their attacks, in Darfur or in Chad."

Indeed, the accounts of civilians in parts of eastern Chad are agonizingly familiar to those in western Sudan. One woman, Zahara Isaac Mahamat, described how Arab men on camels and horses had raided her village in Chad, stealing everything they could find and slaughtering all who resisted.

The dead included her husband, Ismail Ibrahim, who tried to prevent the raiders from burning his sorghum and millet fields. Like so many others in this desolate expanse of dust-choked earth, she fled west with her three children, much as people in Darfur have been forced to do in recent years.

"I have lost everything but my children," she said, her face looking much older than her 20 years. She is now a refugee, with thousands of other displaced Chadians, in Kolloye, a village south of here. "We have three bowls of grain left," she said. "When that is gone, only God can help us."

The spreading chaos is a result of two closely connected conflicts in the neighboring countries.

In Darfur, rebels have been battling government forces and the janjaweed, Arab militias aligned with the government, in a campaign of terror that the Bush administration has called geno-

The U.N Security Council has agreed to send troops to protect civilians, but they will take months to arrive. In the meantime, President Bush has said, NATO should help shore up a failing African Union peacekeeping mission there, but a surge of violence has chased tens of thousands of people from their homes in recent weeks.

In Chad, the government is fighting its own war against rebels based in Sudan and bent on removing Chad's ailing president, Idriss Deby, from power.

The rebels include disgruntled soldiers who defected and tribes tired of being ruled by members of the president's tribe, the Zaghawa, who represent just a small percentage of the population but have long dominated politics and the military.

In a sign of how inseparable the two conflicts have become, Deby has accused Sudan of supporting the rebellion against his government, and Sudan has long suspected members of Deby's family of supporting Zaghawa-led rebels in Darfur.

Government Will Pay \$300,000 To Settle Muslim Detainee Suit

By Nina Bernstein

NEW YORK

The federal government has agreed to pay \$300,000 to settle a lawsuit brought by an Egyptian who was among dozens of Muslim men swept up in the New York area after Sept. 11, held for months in a federal detention center in Brooklyn, and deported after being cleared of links to terrorism.

The settlement, filed in federal court late on Monday, is the first the government has made in a number of lawsuits charging that noncitizens were abused and their constitutional rights violated in detentions after the terror attacks.

It removes one of two plaintiffs from a case in which a federal judge ruled last fall that former Attorney General John Ashcroft, the director of the FBI, and other top government officials must answer questions under oath. Government lawyers filed an appeal of that ruling on

In the settlement, which requires approval by a federal judge in Brooklyn, lawyers for the government asserted that the officials were not admitting any liability or fault. In court papers, they have said that the Sept. 11 attacks created "special factors" — including the need to deter future terrorism — that outweighed the plaintiffs' right to sue.

It is unclear what the settlement may portend for the government's stance in another lawsuit, brought as a class action on behalf of hundreds of detainees, that is pending before the same judge. A spokesman for the Justice Department said officials would not comment on the agreement. But lawyers who represent both the Egyptian, Ehab Elmaghraby, who used to run a restaurant near Times Square, and the second plaintiff, a Pakistani who is continuing to pursue the lawsuit, described the outcome as significant.

"This is a substantial settlement and shows for the first time that the government can be held accountable for the abuses that have occurred in Abu Ghraib, Guantanamo Bay and in prisons right here in the United States," said one of the lawvers, Alexander A. Reinert, of Koob & Magoolaghan.

The lawsuit accuses Ashcroft and the FBI director, Robert S. Mueller III, of personally conspiring to violate the rights of Muslim immigrant detainees on the basis of their race, religion and national origin, and names a score of other defendants, including Bureau of Prison officials and guards at the Metropolitan Detention Center in Brooklyn.

WEATHER

The Olympics Are Over

If you happened to watch any of the Olympics on TV, you saw a wide range of weather conditions. Many days it was snowy in the Alps, yet there was little or no precipitation in the city of Torino. In fact, the average February precipitation in Torino is only about 2 inches, compared to over 3 inches in Boston. This is due to something we like to call an "orographic effect."

As a storm system moves toward mountains, it has to rise into cooler air. When the air cools, its moisture begins to condense, forming clouds. When enough moisture has condensed, the clouds cannot hold it any longer and precipitation begins. By the time the system has progressed past the mountains, most, if not all, of the moisture has been precipitated out. Therefore, locations on the far side of the mountains (given the direction of the prevailing winds), such as Torino, are significantly drier than locations high in the mountains.

Closer to home, we can expect another chilly week (though not nearly as cold as the past few days), with a storm system threatening Boston on Thursday. The temperature will be right around freezing, so this weather event might include both rain and snow, but snow is more likely. Until then, enjoy the cold winter sun.

Extended Forecast

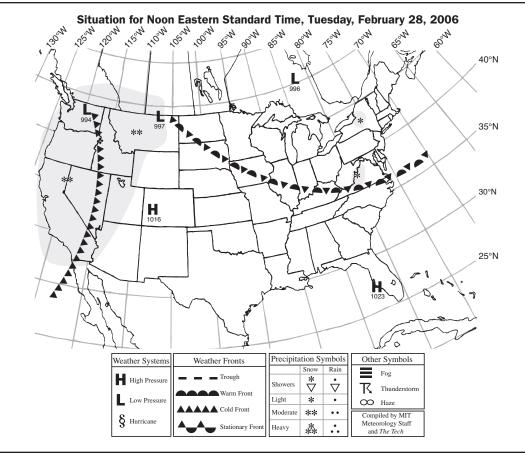
Today: Sunny. High 34 °F(1°C)

Tonight: Mostly clear. Low 20 (-7°C)

Wednesday: Sun and clouds. High 36°F (2°C) Wednesday Night: Light snow begins. Low 25 (-4°C)

Thursday: Snow and/or rain likely. High mid 30's (1°C) **Thursday Night:** Precipitation diminishing. Low mid 20's (-4°C)

Friday: Some clouds. High mid 30's (1°C)



Atomic Agency Calling for Iran To Disclose Nuclear Activities

By Elaine Sciolino

The International Atomic Energy Agency released a report on Monday saying that it cannot conclude that Iran's nuclear program is intended for peaceful purposes only, as Tehran insists, unless Iran provides more information about its past activities, an agency official said.

The report was sent to the 35 nations that make up the agency's board of governors, who are to discuss the looming showdown over Iran at a meeting next week in Moscow. On Feb. 4, the board voted to refer Iran's case to the U.N. Security Council, but it extended a grace period of a month to allow for diplomatic efforts

In the report, the agency's director, Dr. Mohamed ElBaradei, wrote that "it is regrettable and a matter of concern that the uncertainties related to the scope and nature of Iran's nuclear program have not been clarified after three years of intensive agency verification."

The report did not conclude that Iran is pursuing nuclear weapons,

but rather that the agency cannot be sure that nothing is being hidden unless Tehran adopts an attitude of "active cooperation," the agency official said.

Iran's cooperation so far has been "very limited," said the official, who spoke on condition of anonymity because he was not authorized to discuss the report publicly.

Iran acknowledged in 2003 that it had deceived international inspectors for many years, but it said that its program was now meant solely to develop reactors to meet its needs for electricity. The United States, and more recently its European allies, have argued that Security Council action is needed to block Iran from the road to nuclear weapons.

While the United States had emphasized the need to stop the program before Iran's scientists master the techniques of nuclear enrichment, ElBaradei and agency officials have focused in recent discussions on the need for "transparency" in clearing up unanswered questions from the period of violations.

They have noted that under the Nuclear Nonproliferation Treaty Iran has the right to conduct research and even to enrich uranium, although ElBaradei has called on Tehran to resume its research moratorium as a confidence-building measure as the international community considers its case.

The report released Monday also stressed that theme, saying that to dispel doubts about the program Iran needed to provide a level of cooperation "that extends beyond the formal legal requirements" of its agreement with the agency.

Otherwise, it said, "the agency's ability to reconstruct the history of Iran's past program and verify the correctness and completeness of the statements made by Iran, particularly with regard to its centrifuge (nuclear fuel) enrichment program, will be limited, and questions about the past and current direction of Iran's nuclear program will continue to be

The agency official said that full cooperation would include restoring an agreement that gave inspectors the right to conduct unscheduled visits and actively working to make documents and scientists available.

Short on Drivers, **Trucking Firms Facing Crisis**

By Ian Urbina

THE NEW YORK TIMES

The men gathered in front of the BZ Ballaz Club barbershop in a gritty, mostly Hispanic section of north Philadelphia are listening intently as Kimberly Cromer makes her pitch for a career in long-haul trucking.

"Why pull \$7 an hour cutting hair when you can make \$19 an hour driving an 18-wheeler?" Cromer said, handing the men a pamphlet in Spanish explaining the requirements for a federal commercial driver's license. "Seriously guys, don't you want to get a job with a future and get out of this neighborhood to see the country?"

Faced with what trucking experts describe as the worst labor shortage in the industry's history, recruiters like Cromer are canvassing cities and holding job fairs to entice new drivers.

Fueled mostly by retirements, the driver shortage grew dire, industry economists say, starting in 2000 when average wages in construction and other blue-collar jobs surpassed those of long-haul drivers.

'Guys figured, why be out on the road for three weeks when they could swing a hammer during the day, make more money, and sleep in their own bed each night?" said Bob Costello, chief economist for the American Trucking Assocation.

With predictions from the association that the current shortage of 20,000 drivers will grow nearly fivefold within a decade, trucking companies are offering generous 401(k), stock option, and health care packages to new recruits and cash bonuses and prizes to drivers who refer viable candidates.

Enron Figures Tell How Results Were Manipulated

By Alexei Barrionuevo

Two minor figures in the Enron story added on Monday to testimony that the company padded earnings and shifted hundreds of millions in losses from one division to another to disguise problems that might have

The former chief accountant of Enron's wholesale energy-trading unit, Wesley H. Colwell, testified that in 2000, the company dipped into reserve accounts set up for problem contracts to illegally pad earnings. And Wanda Curry, a former internal accountant, said she had led a project that uncovered problems with Enron Energy Services, the retail energy unit — problems that were covered up in part, she said, by transferring more than \$500 million in losses to the wholesale energy unit.

Their testimony could be important in prosecution efforts to show that Jeffrey K. Skilling, a former Enron chief executive, knowingly directed manipulations of Enron earnings and financial results and then lied about

Skilling is on trial in Federal District Court, along with the founder of Enron, Kenneth L. Lay. Both men are accused of conspiring to defraud Enron investors and face the possibility of spending the rest of their lives behind bars if convicted.

Testifying in the trial's fifth week, Colwell said he manipulated earnings on two occasions after receiving directions from Enron corporate officers that they wanted to beat analysts' estimates for each quarter. In both cases, he said, he dipped into a \$70 million reserve that had been set aside for a contract settlement with a utility. Colwell and previous witnesses have testified that it is illegal to dip into reserves to achieve earnings targets.

Colwell has admitted to manipulating earnings and has been fined \$500,000 by the Securities and Exchange Commission. He has an agreement with the Justice Department that requires him to testify to avoid criminal prosecution

Taiwan's Leader Defies Beijing's Warnings

By Keith Bradsher

THE NEW YORK TIMES

TAIPEI, TAIWAN

President Chen Shui-bian of Taiwan announced late on Monday afternoon that he was scrapping the island's unification council and guidelines for any political unification with mainland China, defying warnings from both China and the United States.

While the move seemed intended to strengthen his political position at home, he also hedged his remarks, saying in a televised address, "Taiwan has no intention of changing the status quo." He also avoided using the Chinese word for "abolish" in describing his action and did not say he would revoke the 1990 executive decision that created the council, leaving open the possibility that it could be reconstituted.

The council has been moribund since he took office in 2000, but has considerable symbolic importance. Chen promised in his first inaugural address that as long as the mainland had no intention of using military force against Taiwan, he would not undertake certain moves toward inde pendence, and specifically declared, "There is no question of abolishing the Guidelines for National Unification and the National Unification Coun-

The mainland's Taiwan Affairs Office had no immediate comment on Monday night, but had issued increasing warnings over the last month against tampering with the council and guidelines. "The escalated secessionist push of Chen Shui-bian will certainly trigger a serious crisis across the Taiwan Straits and destroy peace and stability in the Asia-Pacific region," the office said in a statement on Sunday.

First Woman Elected To Baseball Hall of Fame

By Jack Curry

THE NEW YORK TIMES

Effa Manley, a savvy businesswoman whose gravestone reads, "She Loved Baseball," became the first woman elected to the Baseball Hall of Fame Monday when 17 people from the Negro leagues and the predecessor era in black baseball were selected by a special committee.

Manley, who co-owned the Newark Eagles with her husband, Abe, handled the daily business operations of the team and was considered an expert in marketing and advertising. She was also diligent in fighting for better conditions for the players on the Eagles, who won the Negro leagues World Series in 1946.

While Abe had the money, she was really the one running the show," said Leslie Heaphy, a Negro leagues historian and member of the voting

Germany Denies Prior Knowledge Of Hussein Baghdad Defense Plan

By Richard Bernstein and Judy Dempsey

THE NEW YORK TIMES

The German government on Monday labeled as "false" a report in The New York Times that two agents of the BND, the German intelligence agency, obtained Saddam Hussein's plan for the defense of Baghdad before the U.S. invasion of Iraq and that the information was passed along to the U.S. Defense Intelligence Agency ahead of the war in early 2003.

"The New York Times allegations are wrong in all their details," Ulrich Wilhelm, the government spokesman, said at his daily briefing here on Mon-

"The claim that the two BND officers had acquired Saddam Hussein's plan to defend the Iraqi capital and handed it to the USA one month before the war's outbreak, as is stated in The New York Times, is false," Wilhelm said.

"The BND, and with it the German government, were unaware of such a plan until now," he said.

Referring to a portion of the report

was conceived at a meeting on Dec. 18, 2002, between Saddam and his top military commanders, Wilhelm said that the BND was not aware that such a meeting had taken place.

Wilhelm was reacting to a report in The Times and International Herald Tribune on Monday that the German government, which vehemently opposed the U.S. invasion of Iraq, had provided greater assistance to the United States than it had acknowledged. The article in The Times was based on reporting for a forthcoming book on the war.

The article was based largely on a classified study of Iraqi military strategy prepared in 2005 by the Pentagon's Joint Forces Command and includes a sketch of Baghdad illustrating Saddam's defense plan. It says the sketch and the information about the plan were provided by a German intelligence liaison officer to the U.S. Defense Intelligence Agency in Qatar in February 2003.

The executive editor of The Times, Bill Keller, in a statement released on Monday, strongly defended the article, noting that the study on which it was based was "explicit and unqualified" on the matter of German involvement.

"It shows a picture of the sketch, the one we reproduced in the paper today," he said. "The sketch is identified as a plan that was presented at a December 18, 2002, meeting of Saddam and his top commanders. The study states that the sketch was acquired by the U.S. Central Command in February 2003, a month before the war."

The article was the latest of several in both the U.S. and German press indicating that the German intelligence agency cooperated with the United States in its invasion of Iraq. The reports have kicked up a political storm in Germany, with opposition parties in particular demanding a formal investigation of whether the government deceived the public by publicly proclaiming opposition to the war while privately helping in it.

Last week the Parliamentary Control Commission, which oversees Germany's intelligence agencies, released a report acknowledging that German intelligence agents did provide some information to the United States before and during the inva-

EU Will Give Palestinians Emergency Funding Before Hamas Takes Power

THE NEW YORK TIMES

JERUSALEM

The European Union on Monday stepped forward to fill the immediate funding gap for the Palestinian Authority before a Hamas government takes power, providing some \$142 million (120 million euros) in aid, much of which will be funneled through the U.N. refugee agency.

About \$47.5 million will go to pay energy bills the Palestinians owe to Israeli companies, \$75.9 million will be channeled through the U.N. Relief and Works Agency for Palestinian refugees and \$20.7 million is cash — direct budget support to help pay salaries.

The European Union acted in partial response to a dire letter from James D. Wolfensohn, the special Middle East envoy of the grouping, the quartet, that included the United States, the European Union, Russia and the United Nations.

Writing on Feb. 25, Wolfensohn warned the quartet's foreign ministers that "unless a solution is found, we may be facing the financial collapse

ring to the Palestinian Authority. The acting Palestinian finance minister, Jihad al-Wazir told him he needed "\$60-80 million next week to begin to pay wages," Wolfensohn wrote, warning of "wide-ranging consequences" for "security and stability for both the Palestinians and the Israelis" should the payroll not be met.

The financial situation of the Palestinian Authority has worsened, said Wolfensohn, the former director of the World Bank. With estimated internal tax revenues of \$35 million a month and the loss of Israeli-collected tax and customs receipts of some \$50 million a month, the Palestinian Authority faces a monthly shortfall of \$130 million a month - \$80 million a month even if the Israelis were handing over receipts, and likely more, since the Israelis deduct from those receipts the costs of electricity and water.

For February and March, the period before a Hamas government is likely to take over, he said, the Palestinian Authority may need as much as \$360 million in new funds — because

to private suppliers of energy and other goods and the Bush Administration's decision to demand the return of \$50 million provided last year for infrastructure improvements and used as collateral for bank loans.

The money from the European Union, while welcome, will not solve the Palestinian money crunch for very long, especially since most of it is not in cash. It will, however, ease the burden of supplier repayments — a large Israeli oil company, Dor Alon, had said Monday it could no longer supply fuel oil and natural gas to the Palestinians because a check for some \$35 million from the Palestinian Authority bounced last week. The European money will presumably ensure the flow of energy to the Palestinians in a chilly, wet winter.

Israeli public companies supply electricity and water to the Palestinians, but deduct the cost from the customs and tax revenues the Israelis collect for the Palestinian Authority, but which Israel is now withholding because of the victory of Hamas in the Jan. 25 legislative elections.

Page 4 THE TECH February 28, 2006

OPINION



Chairman

Zachary Ozer '07

Editor in Chief Jenny Zhang '06

Business Manager Jeffrey Chang '08

Managing Editor
Michael McGraw-Herdeg '08

NEWS STAFF

Editors: Kelley Rivoire '06, Marissa Vogt '06, Marie Y. Thibault '08; Associate Editors: Benjamin P. Gleitzman '09, Angeline Wang '09; Staff: Curt Fischer G, John A. Hawkinson '98, Brian Keegan '06, Waseem S. Daher '07, Ray C. He '07, Tongyan Lin '07, Hanhan Wang '07, Michael Snella '08, Jiao Wang '08, Daniela Cako '09, Mei-Hsin Cheng '09, Hannah Hsieh '09, Diana Jue '09, Laura Nicholson '09, Kirtana Raja '09; Meteorologists: Cegeon Chan G, Robert Korty G, Jon Moskaitis G, Michael J. Ring G, Roberto Rondanelli G, Brian H. Tang G, Tim Whitcomb G, Angela Zalucha G; Police Log Compiler: Marjan Rafat '06.

PRODUCTION STAFF

Editors: Tiffany Dohzen '06, Austin Chu '08; Associate Editor: Rong Hu '08; Staff: Sie Hendrata Dharmawan G, Valery K. Brobbey '08.

OPINION STAFF

Editors: Beckett W. Sterner '06, Ruth Miller '07; Associate Editor: Aditya Kohli '09; Staff: Hector H. Hernandez G, Barun Singh G, Josh Levinger '07, Ali S. Wyne '08, Krishna Gupta '09.

SPORTS STAFF

Editors: Brian Chase '06, Travis Johnson '08; Associate Editor: Yong-yi Zhu '06; Staff: Chris Bettinger G, Caitlin Murray '06, Albert Ni '09.

ARTS STAFF

Editors: Jacqueline O'Connor '06, Nivair H. Gabriel '08; Associate Editor: Jillian Berry '08; Staff: Bogdan Fedeles G, Andrew Guerra '06, Yao-Chung King '06, W. Victoria Lee '06, Kapil Amarnath '07, Tony Hwang '07, Nikhil S. Nadkarni '07, Mirat Shah '08, Natania Antler '09

PHOTOGRAPHY STAFF

Editors: Stephanie Lee '06, Christina Kang '08, Omari Stephens '08, Ricardo Ramirez '09; Associate Editor: Yun Wu '06; Staff: Melanie Miller G, Stanley Hu '00, Scott Johnston '03, Liang Hong '06, Grant Jordan '06, Edward Platt '06, Fred Gay '07, Dmitry Kashlev '07, Scot Frank '08, Tiffany Iaconis '08, Nicole Koulisis '08, Mary-Irene Lang '08, David M. Templeton '08, Kenneth Yan '08, Connie Yee '08, Sally E. Peach '09, Yalu Wu '09.

CAMPUS LIFE STAFF

Editor: Bill Andrews '05; Staff: Kailas Narendran '01, Sarah Buckley '06, Nikhil S. Shenoy '06, Elizabeth Zakszewski '06, Victor Cabral '07; Cartoonists: Jason Burns G, Brian M Loux G, John David Payne G, Emezie Okorafor '03, Colin Dillard '06, Juan Pablo Mendieta '06, Josie Sung '06, Jia Lou '07, Ash Turza '08.

BUSINESS STAFF

Advertising Managers: Cokie Hu '08, Tai Ho Kang '08; Operations Manager: Jennifer Wong '07; Staff: Fan Yu '06, Julia Ye '09.

TECHNOLOGY STAFF

Director: Shreyes Seshasai '08.

EDITORS AT LARGE

Contributing Editors: Rosa Cao G, Brian Hemond G, Kevin G. Der '06; **Senior Editors:** Keith J. Winstein G, Jina Kim '06, Lucy Li '06.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, V. Michael Bove '83, Barry Surman '84, Robert E. Malchman '85, Deborah A. Levinson '91, Jonathan Richmond PhD '91, Saul Blumenthal '98, Frank Dabek '00, Ryan Ochylski '01, Satwiksai Seshasai '01, Rima Arnaout '02, Eric J. Cholankeril '02, Jordan Rubin '02, Nathan Collins SM '03, Akshay R Patil '04, Jyoti Tibrewala '04, B. D. Colen.

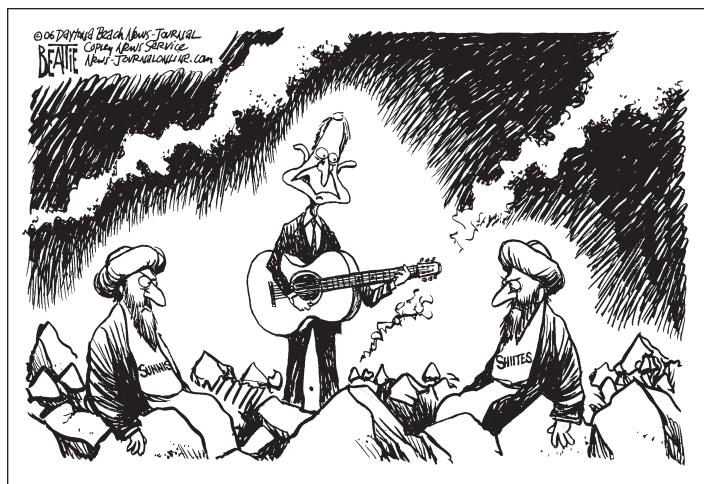
PRODUCTION STAFF FOR THIS ISSUE

Editors: Tiffany Dohzen '06, Austin Chu '08.

The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$45.00 per year (third class) and \$105.00 (first class). Third class postage paid at Boston, Mass. Permit No. 1. POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-8224. Facsimile: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 2003 The Tech. Printed on recycled paper by Charles River Publishing.

Corrections

The Feb. 21 article "Westgate Fire Due to Broken Steam Coil" incompletely described MIT Housing involvement in assisting Westgate residents while they were evacuated from the high rise part of the building. Although residents bought food with their own cash, Housing reimbursed them, as reported in Friday's article "Westgate Will Receive Power Through Tieline Power to be Provided by Tang Hall Connection."



"We need to keep this from degeneratin' into an all-out civil war.

Sit down and shut up while I sing 'Kumbaya.' "



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*. 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.

To Reach Us

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to <code>general@the-tech.mit.edu</code>, and it will be directed to the appropriate person. Please send press releases, requests for coverage, and information about errors that call for correction to <code>news@the-tech.mit.edu</code>. Letters to the editor should be sent to <code>letters@the-tech.mit.edu</code>. The Tech can be found on the World Wide Web at <code>http://the-tech.mit.edu</code>.

Killer Coke

Nakul Vyas

The Coca-Cola Company has conspired with paramilitaries to intimidate, assault, and murder Columbian workers in a systematic effort to destroy unions, slash wages, and eradicate worker benefits. The company has a presence at MIT, dispersing its products in campus vending machines and soda fountains. These two issues — Coca-Cola's human rights violations and MIT's contract with Coca-Cola — present MIT with an ethical predicament. Choices must be made, but let us take a closer look at the story first.

In January of 2004, New York City Councilman Hirarm Monserrate led a fact-finding mission to investigate Columbian allegations of violence and brutality. According to this report, nine trade unionists have been murdered by Columbian paramilitaries with Coca-Cola's complicity. Gunmen shot one man, Isidro Gil, seven times inside the Coca-Cola plant. A ten-foot iron fence encloses the compound and a guarded gate is the only access point. The report concludes that paramilitaries must have had "company knowledge and permission" to gain access to the plant. The paramilitaries returned two days later, lined up the workers, and at gunpoint forced them to sign letters forfeiting their union membership. The campaign of violence and intimidation has had its intended effects. The number of unionized workers at Coca-Cola has fallen from 1,300 to 450 over eight years. The Columbian bottling plants are operated by a Coca-Cola subsidiary, FEMSA. Coca-Cola is FEMSA's largest shareholder, owning 46 percent of the company, and therefore it bears responsibility for crimes committed in FEMSA bottling plants.

In the Fall of 2003, Deval Patrick, Coke's general counsel, offered to create an independent body to investigate the allegations made against Coca-Cola. Patrick made the offer at a dinner where he was being praised by Equal Justice Works — a nonprofit group that mobilizes law students to work for a more just society. Coke CEO Douglas Daft rejected the idea, and Patrick resigned. Since then, Daft has refused an independent investigation, reiterating that "ob-

Until a legitimate investigation is conducted, MIT should terminate its relationship with Coca-Cola as a matter of principle.

jective" investigations have already taken place. These investigations — inquiries by a Colombian Court, by the Colombian Attorney General, by the U.S. District Court in Miami, and by the Cal Safety Compliance Corporation — allegedly prove that Coke has done nothing wrong.

None of these reports is convincing. The Columbian judicial proceedings are undermined by the fact that the Columbian government has only prosecuted a trifling number of the thousands of trade unionist deaths in recent years, according to a U.S. State Department human rights report. A private monitoring corporation paid by other corporations (like Coca-Cola) to conduct investigations, the Cal Safety Compliance Corporation can hardly be considered an independent organization. Methodological inadequacies plague the conduct of its investigations not release its inspection data to the public, conducts interviews with workers inside the factory instead of at a neutral location often informs the managers beforehand about the inspection, and completes investigations in under three hours whereas a Department of Labor investigation takes 20 hours. The report also only covers the current conditions, not what they were around the time of the murders. As far as the U.S. District Court, Coca-Cola was cleared of responsibility for control over the bottling operations, but litigation is proceeding against the Coke-owned bottler, Coca-Cola FEMSA.

Allegations from other parts of the world further undermine Coca-Cola's credibility. In India, Coke bottling facilities have drained the water table at an "alarming" rate, according to a report from the Central Ground Water Board. The loss of water has harmed the environment and is destroying the livelihood of local farmers. A BBC report found that Coca-Cola has also been disposing toxic waste products by distributing the substances to local farmers as "fertilizer." Analysis at the University of Exeter confirmed that the sludge was useless as a fertilizer and contained dangerous levels of cadmium and lead.

Until a legitimate investigation is conducted,

Vyas, Page 6

Spotlight on Ashdown

Lost Trust and a Missed Opportunity

Let me spell out this practice

so there is no ambiguity:

administrators have consciously

kept the community in the dark

by making decisions

behind closed doors.

Sanith Wijesinghe

On April 6, 2005, at 5.30 p.m., I took a seat in 6-120 to participate in the closing round of debates for the 2005-2006 Graduate Student Council elections. I had only one question for the presidential candidates: "If the administration announces Ashdown House will be converted to undergraduate housing what would be your response?" To be honest, I never really received a convincing reply. From then I knew the coming year would be a challenging one for the GSC — our leadership and our resolve to represent a diverse constituency would be tested to its limits.

Even though I had struggled a year ago to contemplate the implications of such a decision, it was still with great dismay and sadness that I read news of the administration's ultimatum that

Ashdown will transition to an undergraduate dormitory in 2008 following the building of a new dorm for graduate students. The diffusion of the graduate community to the north-west quadrant began with the opening of the Warehouse graduate dorm in the fall of 2001, followed by the Sidney-Pacific graduate dorm

in the fall of 2002. The writing on the wall with regards to Ashdown's fate appeared much before this however. Graduate students going back many generations all have stories of how the administration tried to convert Ashdown House to undergraduate housing. It seems 2008 will finally be the year to say goodbye.

I intended for my question to bring to bear on the GSC the importance of building close ties with administrators during the decision-making process surrounding this transition. In addition, during discussions I had with Dean of Graduate Students Isaac M. Colbert on this topic, I stressed how the unique graduate student community at Ashdown would be at significant risk if the design of an alternative did not very closely incorporate the input of the current students. Speaking to my colleagues at MIT, it seems that both students and the administration have failed to join together in discussions as required. This is yet another lost opportunity to build trust and

closer working relationships and marks the repetition of another cycle of crying foul — the likes of which we should have been able to avoid from lessons learned in the past.

However difficult it might seem at the onset to open debate on a controversial topic, it is the ultimate sign of strong leadership to engage and bring to bare different points of view. By keeping plans of the new dormitory under wraps so to speak until it is almost, if not completely too late to effect the design of room layouts, common spaces, and rents, the administration has made the bold statement that it knows what graduate students want and has made the best possible decision given the economic reality and investment climate. But how can one truly boast about enhancing graduate student community by engaging in a practice that diverges from that ideal? Let me spell out this practice so there is no ambiguity: administrators have consciously

kept the community in the dark by making decisions behind closed

MIT's Student Life Programs as a whole prides itself in providing students a unique educational experience, one that helps them build skills not provided in a traditional classroom setting. The message we send our students with

the practice identified above is that when faced with difficult situations, resort to deception to minimize damage. In a game theory perspective this is a local strategy that does indeed work in the short term — the important stakeholders, the students, turnover at such a high rate that while their outcry will be intense, it will be over soon. In the long-term however this approach causes more damage than its worth. Remember, these students will be your Alumni.

Speaking of which, I recently received an invitation to the Graduate Alumni Convocation on April 21–22 for the purpose of "reminiscing, sharing, learning and community updates." My fellow alumni and I will most certainly be interested in learning about the new dorm and how the administration has worked to incorporate input from the current students.

Sanith Wijesinghe PhD '03 is a former Ashdown resident, and was GSC president 2002–2003.

Students Build Better Communities

Thomas Burbine

After fifty years of trying, the MIT administration seems to have gotten what it always wanted: Ashdown House (previously Graduate House) will become an undergraduate dorm. What is disconcerting to most former and current residents is that this decision seems to have seen made not to give graduate students a bet ter place to live, but to allow MIT to increase the size of the undergraduate population and make more money. If the administration really cared about the Ashdown residents, it would have involved them in the process much earlier instead of telling them that they will have a new place to live in two and a half years in a dorm that MIT has already designed. The reason Ashdown has so much character is that it was originally a hotel and not built by MIT.

What I would like to tell the administration is that graduate students are people and not commodities to be bought, sold, and traded. What makes Ashdown House an amazing place to live is that it is a community. Most graduate students come to MIT not knowing anybody and expecting their life just to be research and work. Ashdown is an oasis from that grind. Events such as coffee hour, house dinners, and barbecues are thrown by residents and housemasters to allow students to relax and make friends. This community is even more important to international students for whom Ashdown House is a first exposure to American life.

At least two Nobel Prize winners have lived in Ashdown, but happiness is a much harder thing to quantify. Most former graduate students I know who lived in Ashdown seem to have much fonder memories of MIT than those who lived elsewhere. While I was there, I considered it my home and not just a building.

Throughout its history Ashdown has also been blessed to have some amazing housemasters (Avery Ashdown, the Hulsizers, the Ingrams, the Orlandos) who have made sure the community stayed strong. These faculty residents have jobs of their own during the day, but during the night and weekends they make sure the dorm is a fun place to live.

The dorm has also evolved over time. Ashdown has gone from predominately male, with most foreign students originating from Europe, to containing men and woman from all ends of the earth. Students from America, Canada, China, India, Pakistan, Bulgaria, Russia, Brazil, Mexico, France, Greece, Iceland, United Kingdom, Japan, South Korea, Australia, South Africa, Italy, Egypt, Switzerland, Argentina, Columbia, Dominican Republic, etc. all live together under one roof.

Will the Ashdown community survive? I think it will in spite of the administration's best efforts because graduate students want to have a community and not just a place to live. Ashdown has previously withstood nine hundred apprentice seamen replacing graduate students during World War II, and I pray it can withstand another upheaval.

I hope the administration takes a step back and thinks about what it is doing. Most former and current residents only ask that residents be included in planning their future. If the administration chooses to impose its will on the graduate students, it may destroy a community that has benefitted graduate students since the 1930s.

Thomas Burbine PhD '00 is a former Ashdown resident.

Designing A New Pub Will Take Cooperation

Michael Rinehart

The reassignment of Ashdown House and the relocation of its residents reaches well beyond the understandable concerns of the Ashdown Community. The graduate student body must now consider significant sacrifices to their campus community because of the lack of graduate student input in the design for a new graduate resident hall.

One such potential sacrifice is quite dear to me, as well as to numerous graduate students across the campus. The Thirsty Ear Pub, the "Institution of the Institute," has been a hallmark of Ashdown House for almost 25 years. The basement space in Ashdown has been used as both a pub and ice cream parlor for over 50 years. The Thirsty Ear was officially founded in 1982, when a group of Ashdown residents planned several events in the house that were legendary across campus. Seeing the success of their student-driven event planning, the Dean of Student Affairs approached this group of students about starting another campus pub, since at the time the Muddy Charles only operated during the afternoon. The MIT administration even provided \$80,000 for equipment and renovations to help make this new campus business

During this period, it has emerged as a hub for social interaction at MIT and as a core component of graduate student life. When the Thirsty Ear's charter was rewritten in 2004, it was decided that the pub should service the so-

The Thirsty's long term commitment is to the graduate student body ... When the administration is ready to work hand-in-hand with us, we will be ready to listen and cooperate.

cial-development aspects of MIT's Educational Triad in a way that no organization on campus provided at the time.

Those who attend the Thirsty Ear's regular events can easily attest to its contributions to the MIT graduate community. Weekly Trivia Nights are one of the most populated and frequent trivia contests on the campus, and during Karaoke Nights it is typically difficult to find a place to sit. Additionally, the Thirsty Ear is the only comedy and live music venue on the MIT campus that features both MIT and Boston-based entertainers each and every week.

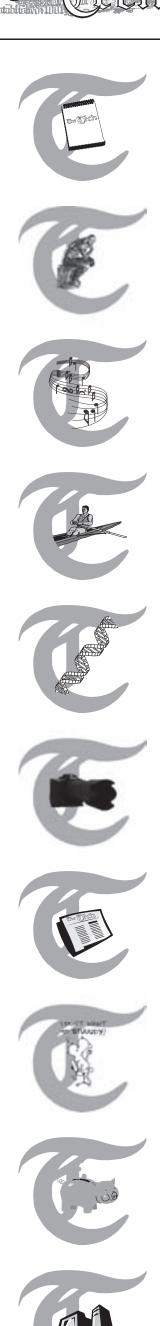
Clearly the Thirsty Far cannot co with the undergraduate dormitory that is slated to overtake Ashdown House, and therefore it seems logical to continue its success in the upand-coming northwest region of campus that is planned to become the new home of the graduate community. In fact, a number of graduate student leaders representing the residents of that region have over the years spoken in favor of establishing a similar pub in their community. After all, the Thirsty Ear provides a proven model for responsible alcohol service, community involvement, and graduate student governance. Ideally, the graduate students of The Thirsty Ear Executive Committee and the members of Campus Dining, Graduate Housing, and Student Life should cooperate on a new pub design and venue format that best meets the needs of the residents in the NW community.

However, although plans to convert Ash-

Rinehart, Page 6

For this spotlight, *The Tech*'s Opinion Department solicited contributions from current and former residents of Ashdown. We welcome columns or letters on Ashdown's future and the broader upcoming changes in MIT's housing system at *letters@tt.mit.edu*.





fun@the-tech.mit.edu

MIT's Help Beneficial to Thirsty Ear

Rinehart, from Page 5

down are certain, neither Student Life nor Graduate Housing has mentioned any concrete plans to construct a new pub to account for the loss of the Thirsty Ear. Is the administration planning to establish a pub in the NW area on its own terms, without graduate student influence in the process? I certainly hope not. The graduate students are the ones who best understand the needs of their community, and therefore it is in the best interests of MIT to include them in any such process.

Of course, TEEC does not believe the graduate student body should try to create a pub inde-

pendently. Student Life and Graduate Housing each offer significant experience and resources that are necessary when establishing a business such as an on-campus pub. TEEC's own coordination with Campus Dining, for example, has been enormously beneficial in the successful operation of the Thirsty Ear Pub. TEEC establishes programs and overarching operational codes; Campus Dining, acting through the pub's part-time manager, provides the experience and practical underpinning necessary to make these ideas a reality. Our experience is proof that, when working in cooperation, students and administrators can produce great venues for building community.

TEEC believes that cooperation in an honest, trusting, and open environment is the key to progress. After all, its long-term commitment is to the graduate student body — we're all volunteers anyway. When the administration is ready to work hand-in-hand with TEEC, we will be ready to listen and cooperate.

Let TEEC know how you feel about this issue — please send us an e-mail at ear-info@mit. edu. If you would like to learn more about the Thirsty Ear Pub, please visit us at http://web.mit.edu/thirsty-ear.

Michael Rinehart is a graduate student and the chair of the Thirsty Ear Executive Committee. He can be reached at mdrine@mit.edu.

Coca-Cola Doesn't Belong On Campus

Vyas, from Page 5

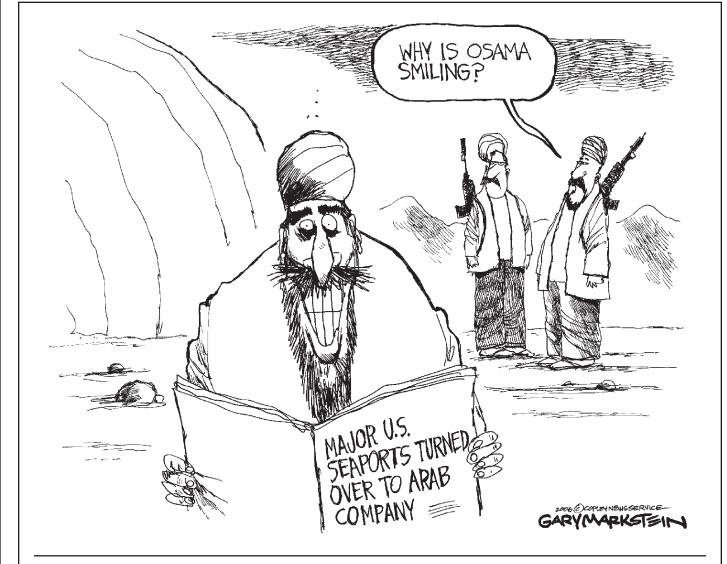
MIT should terminate its relationship with Coca-Cola as a matter of principle. All Coke products — including Sprite, Fanta, Minute Maid, Nestea, Powerade, Odwalla, and Dasani water — should be removed from campus and replaced by rival beverages. A product distilled in intimidation, pollution, and assassination, Coke tarnishes MIT's reputation and taints the Institute's integrity. Coke has no place here.

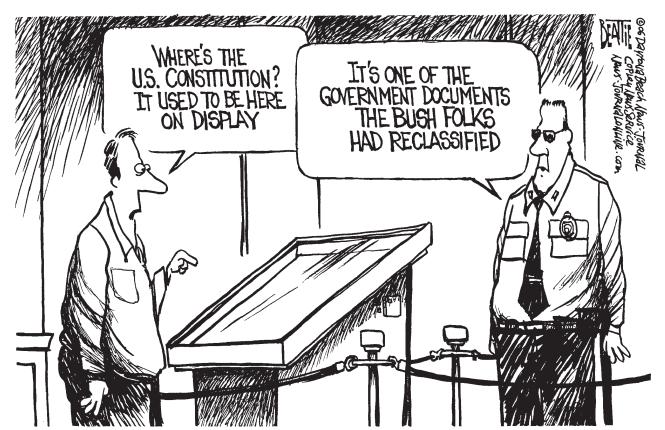
Recently, the University of Michigan be-

came the tenth U.S. college to end its relationship with Coke, citing the fact that Coca-Cola continues to refuse an independent investigation of its human rights record. The Killer Coke campaign does not aim to cripple Coke financially because campuses constitute a small share of Coke's market. Instead, the campaign targets Coke's image. Coke spends over two billion dollars a year on advertising. "It is impossible to over-estimate the damage caused when a brand goes from being seen as something good to something bad," said Tom Pirko, president of

BevMark, a beverage industry consultancy, to the *Financial Times*.

If you would like to become more involved, speakers from SINALTRAINAL — a Columbian union representing Coca-Cola workers — and United Students Against Sweatshops will be giving a presentation on Wednesday, March 8th. In hopes that the MIT community will take action, I end on this note — a sign hangs in a Columbian union office quoting Edmund Burke: "All it takes for evil to triumph is for good men to do nothing."





Campus Life

Imminent Collapse

Don't Fear the Beard

(or as I call it, my Matrix image)

has changed.

By Bill Andrews
CAMPUS LIFE EDITOR

Like many of my fellow students, I saw this last IAP as a time of opportunity. Indeed, there was a plethora of options — should I take some cool job, some neato internship? Or perhaps spend all my new and fleeting free time going to the gym, eating lite, and buffing up? There's the new 2-hour-a-day sleeping schedule I've heard so much about, entire seasons of great TV shows to watch, great literature ... How's a guy to choose?

In the end, you'll be happy to know that, like so many of my classmates, I watched daytime TV (don't worry, it still sucks) and played video games. But I was left with a byproduct other than lowered intelligence and better hand-eye coordination: a shiny new beard. (Well, actually, it was more fuzzy than shiny, but whatever.)

Nor was I the only one. Upon my semi-triumphant return to mit.edu, I saw that many of my brethren (and, alas, some sistren) had also adopted the shaggy look. Now, I don't want to be mean or anything, so I'll just state without naming names that not everyone can grow a beard — just ask my cousin Dave. Alas, what some men grow is not a beard, just some of the component parts; they can still go on to live fruitful lives, of course, perhaps with subtle variations on the beardly theme (like

mustaches, soul patches, goatees, mutton chops). But even with the true beards, things can get a little hairy if you don't watch out.

After all, there's a subtle but noticeable between difference

having a nicely cultivated, full fledged beard and a free-for-all growth that merely tries. It's a big decision to make, because up till that moment you can go either way: "oh, uh, no I'm not sporting a beard, it's just been a while since I've shaved, that's all. But, y'know, maybe if I like how it looks ..." In fact, I would guess that at least half of all beards, and three

quarters of those grown during IAP, were unintentional, unplanned, and (in that loving description typically reserved for children) accidents.

I'd be lying if I said it wasn't great having a beard. Weeks without shaving, taking only a minute or two to touch up, extra warmth in

the winter, the list goes on and on. And for the most part, I benefited; For you see, my mental self-image I suddenly looked older, more sophisticated, more artistic, more collegiate. In fact, in all my bearded glory, only one person didn't

really like the change, and unfortunately (for my beard), that one person was my fiancée. After our IAP-long separation, her first words were, "I don't like it."

So off it went, as have so many of my beard's friends since term began, presumably to greener pastures, bigger faces, or whatever. After all, IAP's over, and it's time to put childish things (so to speak) behind us. I took some pictures, played a final game of "shampoo my face," and bade it a fond farewell.

But the memory of it lives on in me. For you see, my mental self-image (or as I call it, my Matrix image) has changed. Before, my Matrix image was totally clean-shaven; thus, the disparity between my expected reflection and my actual reflection would alert me to the need. Now, apparently, I'd always need a shave in the Matrix, because I can never tell when I need a shave in real life. Lucky for me, though, I happen to know someone more than willing to take over the task.

So, while my IAP may seem like wasted time to some, I say they are the ones who wasted their time (unless they also grew beards). I mean, fellas, how much do you really know about yourself if you don't even know how you look in a beard? Or even if you can grow one, should the need arise? The unexamined life is not worth living, says Socrates, but I say the ungrown beard is not worth wearing. Or, you know, the less gross equivalent.

Fo' the Shorties

Dear MIT hackers

By Chris C'abral, Wang Lei, and Nikhil Shenoy

Dear MIT Hackers,

Thank you for providing MIT with culture and rampant trichinosis (a disease transmitted by bare feet). We need your services to spice up our lives, because we are uncreative ham-bone frat guys, feminist sorority babes, and normal/boring west-campus students who are too busy copying your problem sets to come up with all those clever, ingenious little "hacks" of yours.

The days of police cars on the dome and pigeons in Harvard Stadium have been replaced by a sinking boat — literally and figuratively. We believe in you, and we want something spectacular. You East Campus freaks need to understand that dying your hair, building water rides, or smelling like Big Foot's crotch, are not as important as entertaining us. So put down that seven foot unicycle you're making and indulge us.

Hackers: don't take this the wrong way, we know you really live all over campus and not just at EC, but blanket generalizations, false assumptions, and illogical extrapolation are what make this Red country great.

Let's get down to business.

Could you change the amount of time in a day or make the sky green? I personally don't know how to do this because I got a C in 8.033, but I know that professor Max Tegmark said in class it was definitely possible.

How about a hack where you build an undergrad dorm with thousands of little windows and call it art? Better yet, go into a frat house and pretend to be college kids, then at the right moment reveal yourselves as undercover cops. (Aren't there other crimes going on in Boston besides underaged drinking, such as gouging of college students for tuition and serving of toxic waste in

the student center?) Dre said, "f--k the police," not us, but we don't completely

We've heard rumors that the reason for the long awesome-hack hiatus is because you have been planning a ridiculously sick hack targeting Boston frat

Creative?

Capable?

Intelligent?

Prove it! Join a team and

enter MIT's annual IDEAS

Competition to design and

strategize methods to benefit communities around the

globe. It is applied innovation

Visit us on the web at http://web.mit.edu/ideas

No excuses, only opportunities

This space donated by The Tech

for a better world.

PUBLIC SERVICE CENTER

guys, that would completely and utterly destroy our hopes of going to class.

But even if you did somehow pull off some ingenious hack just to get back at us upstanding Boston frat guys for making fun of you guys all the time, it wouldn't be original. We heard from a reliable source that Susan Hockfield is directly responsible for the daily, heartless torture known as Daytime Saferide. Good thing she doesn't read The Tech.

(If per chance you are reading this, Susan, don't take it the wrong way. Also, thought we'd let you know, we love your new energy initia-

We know we've given you EC guys a lot of grief, but are we frat guys really that different? We watch "24" (according to www.thefacebook. com, Jack Bauer lives in East Campus, and also Really Hates Kim Bauer!). We like playing 8-bit Nintendo too. When we were eight years old, we all watched the same episodes of "Teenage Mutant Ninja Turtles" and wanted to bang Kelly Kapowski (skeet skeet skeet).

Like we always say, "in the final analysis, our most basic common link is that we all inhabit this small planet, we all breathe the same air, we all cherish our children's futures, and we are all mortal." We can't remember if we said this or if it was the former United States President, the last great liberal, and our homeboy, JFK. But I'm pretty sure it was us. JFK was unavailable

In conclusion, we implore you to give us something to talk about. Something grand. Something inspirational. This is a call for a hack to own all hacks.

Wang(soyegg@mit.edu), Chris(vcabral@mit. edu), and Nikhil (nshenoy@mit.edu)

The Shopaholic Beaver A Geek's Search for Beauty

By Elizabeth Zakszewski

As a confessed shopaholic, I enjoy taking the occasional trip to the Cambridgeside Galleria. I know a lot of people who feel the same way, some who even make the trip a weekly excursion. And as a geek, I usually find shopping there a worthwhile effort.

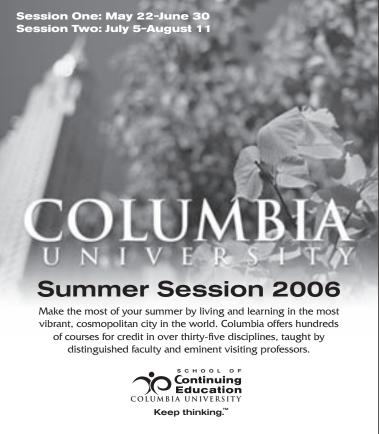
There's Best Buy, which covers movies, video games, and enough sexy gadgets (computers, cameras, etc.) to keep you ogling for some time. To expand your mind in a more literary fashion, go to Border's, right on the second floor. There's a good collection of specialty electronics stores on the first floor, too: Radioshack, Suncoast, Brookstone, Iris, that place that sells Creative Zen players, and the Apple store. I'm not really an iPod girl, but I hear the salesmen at the store are really hot, so it's even possible to ogle non-electronic things too. Yup, the Galleria is a trusted place to find gifts for your fellow beavers, and, if your shopping willpower is weak, for yourself as well.

Then just last week I was presented with a shopping challenge: my good friend needed to find a dress for a wedding. Like visiting the bathroom, dress shopping is best attempted in groups, so she asked me to join her. With our limited time, we had to choose carefully where to go. Back when I lived on West Campus, I knew girls who had successfully found dresses (for these things they have called "semi-formals") at Filene's Basement. If my friend and I couldn't find a dress there, though, it would end our trip pretty quickly, since I didn't know of any other (reasonably priced) stores in Downtown Crossing. And since there's the whole second and third floors of the Galleria with clothing stores, we went there thinking the odds would be better.

Boy, were we ever wrong. First, we tried Sears, and after wandering aimlessly we asked a clerk where the dress department was. "Oh, we don't sell formal dresses," she said, scoffing at our ignorance. A department store without dresses, what a world we live in! At Filene's we found the right department, which consisted of a whopping four racks of dresses. For the males (or non-shopping women) in the audience, let me explain that four racks present very poor odds of finding an appropriate dress, especially for a woman with a non-Twiggy figure. On top of that, approximately half of the dresses were black, and my poor friend didn't think that would be the best color to wear to a wedding.

We then tried every women's clothing store at the Galleria (and there weren't terribly many), but none of them sold evening dresses. We saw little cocktail numbers with exorbitant price tags, separates, and a number of other strange items that apparently lie in the realm of "fashion."

All in all, only one dress was tried. I learned several things during my shopping research: 1.) There is a 75 percent off sale of winter clothes at Sears right now. My friend got a really nice formal wrap that would look great over her non-existent dress. There was an unorthodoxly good women's selection for a clearance sale. 2.) If you need a skanky T-shirt (why I needed one is a whole 'nother story I'm not gonna get into), you can't go wrong with Wet Seal. 3.) If you find yourself in the unfortunate situation of being a poor beaver who needs to doll herself up in a dress, don't



www.ce.columbia.edu/summernyc



The **Tech**













February 28, 2006



THAT'S IT!!! I DON'T GET IT!

I've insulted you, ignored you,

abandoned you. Since we've

started dating, I've done nothing

but treat you like TOTAL CRAP!!!

neglected you, avoided you,





Page 8











by Emezie Okorafor

Trio

Check out the "links" section at ALUM.MIT.EDU/WWW/EMIE

Yet, here you are! STILL adoring me, STILL totally obsessed with me, STILL PISSING ME OFF! Showering

Why? IT MAKES NO SENSE! Why do you put up with this? Why do you put up WITH ME?! Why do you

me with brownies and stupid gifts!





Wow...you're good. You used exactly one-sixteenth of the words I used, and you still won. You're cute when perplexed.

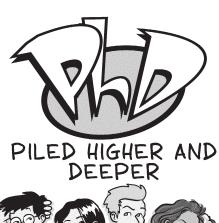
CARTOON PROPHET MOHAMMED PEACE BE UPON HIM. BLESSINGS DAVID PAYNE OY, VEY! HERE WE JOHN ی 200

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9. Solution on page 13.

	6		1				3	
7					2			9
				5		1	8	
4						3		
9								6
		5						1
	3	2		4				
6			9					7
	7				1		2	
	9	7 4 9 3 6 7	7	7	7	7 2 4 5 9 6 5 6 3 2 4	7 2 4 5 3 5 4 3 4 3 4 4 4 5 4 6 9 7 1	7 2 4 5 3 5 5 5 6 7

Solution, tips, and computer program at http://www.sudoku.com

FoxTrot by Bill Amend **Dilbert®** by Scott Adams





ACROSS

- 1 Magic Kingdom neighbor
- 6 Things with scales
- 10 TV's Dr.
- 14 Line of work
- 15 Brainstorm
- 16 First-class 17 Younger sibling's fashion
- 19 Theater box 20 Wedding declara-
- tion
- 21 Pops 22 Run about
- 24 Festive fallout
- 27 Rocky pinnacle 28 Apr. collector 29 Like a stored
- rope, often 34 Merits
- 37 Apollo's mother
- 38 Mystique 39 Stopper
- 40 Spring harbinger

- 41 Hounds
- 42 Got it!
- 43 Long periods
- 44 Betters oneself
- 47 Dramatist Jonson
- 48 Greek letter
- 49 Reluctant

- 60 Wrinkly citrus
- fruit
- 64 Gung-ho

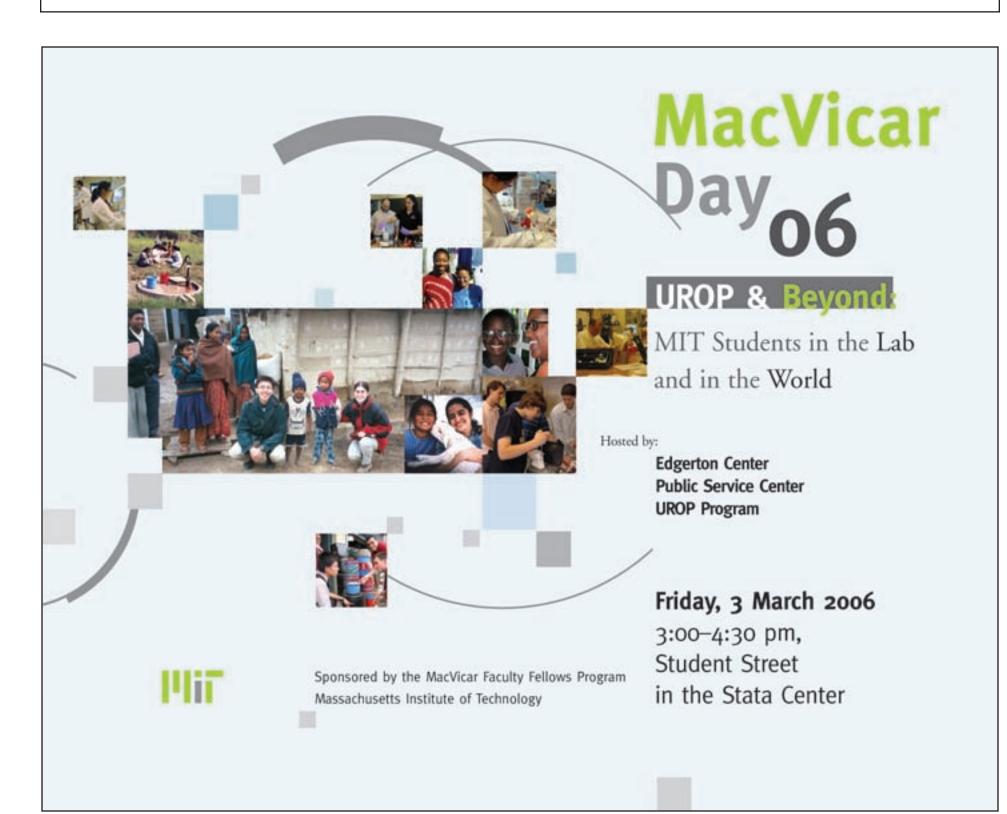
- 67 On its way
- 68 Moral wrongs 69 Type of salts

- 45 Passageway
- 54 Accessory for stretching exer-
- cises 58 PC key
- 59 Ref. set member
- 61 Travel option
- 65 Holliday partner
- 66 Post-crucifixion depiction

DOWN

- 1 Guiding philoso-
- Madrid museum
- Body of rules
- Curious 5 Hardens, as
- metal
- 6 Center Flap
- 8 Church seats Authoritative
- permission 10 Fortuneteller's specialty
- 11 Dunker's target 12 "Bus Stop" playwright
- 13 Lecher's look
- 18 Gets some grub 23 "You've got mail" co.
- 25 Kindergartner's medium
- 26 Maritime hazard 30 Redding of soul

- 31 Pairs
- 32 Prevail upon 33 Zoom by
- 34 Long poem
- 35 To boot
- 36 One who's sorry now
- 37 Brand marker
- 40 Branches out 44 Official
- entanglements 46 Belief system
- 47 Socket insert 50 Sloping
- walkways 51 Clinging vines
- 52 Acknowledge, in a way
- 53 Sparkle
- 54 Hearty laughs 55 Pointed arch
- 56 Secluded valley
- 57 Siamese, now 62 Big pot
- 63 Criticize



Page 10 THE TECH February 28, 2006



We Have **Computers**

You are **Probably** Course 6

Join *The* **Tech**

join@the-tech.mit.edu

Universities Claim Judge Erred in Ruling Non-Clinician Administrators Should Not Be Liable for Student Suicides, Groups Argue

their custody, neither of which was true in the Shin case. Furthermore, they write, McEvoy's contention that a "special relationship" existed between Shin and the administrator and

Universities worry the Shin case may lead student life staff to shy away from helping identify troubled students.

made them potentially liable because they "could reasonably foresee that Elizabeth would hurt herself without proper supervision," is a "dramatic departure from Massachusetts law."

But even beyond resolving the questions of Massachusetts law, the ruling has significant implications for colleges facing student mental

health problems, the administrators write in their petition. If McEvoy's ruling is sustained, they write, it will create an untenable situpitting ation administrators and clinicians against each other in a battle

to avoid liability, resulting in the sacrifice of the best interests of the students. Administrators will be left to choose from two damaging courses of action to evade liability: first, to avoid being knowledgeable about students' problems, and second to "take the most extreme approach by trying to force students who ap-

pear to be at risk to be hospitalized or withdraw from the university" or involve a students' parents, even though such measures might be detrimental to the student.

As a result of McEvoy's ruling, the eight national universities write in their brief, non-clinician student life staff members may be reluctant to identify troubled students or to coordinate treatment with clinical staff. "The Superior Court's ruling puts these caring student-life staff members to an impossible choice: either assuming a duty they are not qualified to fulfill (i.e., preventing suicide), or not offering the level of support they are committed to providing," the national universities write.

And if administrators begin to shy away from student suicide risks or feel obligated to overreact, it may "drive the suicide problem underground," as students feel less comfortable communicating with the administrators, 15 Massachusetts colleges write in their brief.

On the other hand, if non-clini-

The effects of the Shin

lawsuit have already been

felt by universities across the

country, as administrators

question their involvement

with suicidal students.

cian administrators must take action to secure the short-term safety of all suicidal students, the Massachucolleges write, they may be forced to violate students' rights, going against the current trends at

universities to grant more privacy and autonomy to students. Moreover, requiring an administrator to prevent a student from committing suicide "would create an almost unlimited number of situations that would likely give rise to litigation." As a result of McEvoy's decision, "administrators have been left to act at their peril because they do not know what they are required to do, when they are required to do it, and for how long they must continue to do it," the Massachusetts colleges

The eight national educational organizations filing a brief echoed the Massachusetts colleges' claims, arguing that the result will be "subjecting at-risk students to the inexpert medical judgment of non-clinicians and subjecting those university administrators staff to the specter of enormous liability meted out by juries acting in hindsight.'

The high-profile Shin lawsuit "does not exist in a vacuum," has been transmitted across the country, and is affecting colleges even now, the national universities write.

Already, the educational organizations filing a brief write, the Shin case has been cited "as a major factor" impeding the efforts of universities to identify and counsel suicidal students, as administrators fear liability that "they lack the expertise to avoid." Unless overturned, McEvoy's ruling will also "signal colleges and universities not to admit potentially unstable students," the organizations

The full text of the petition and briefs can be found at http://web.mit. edu/newsoffice/2006/appeal.html

Groups Filing Amicus Briefs

Massachusetts

Universities

Amherst College Boston University Boston College Brandeis University College of the Holy Cross Emerson College Lesley University Massachusetts College of Pharmacy and Health Sciences Northeastern University Simmons College Smith College Stonehill College Tufts University Wellesley College

Educational **Organizations**

American Association of Community Colleges

Association American Collegiate Registrars Admissions Officers

American Association of State Colleges and Universities American Council on Education Association of American Universities

National Association of Independent Colleges and Universities National Association of State Universities and Land-Grant Colleges

National Association of Student Personnel Administrators

National Universities

Brown University Cornell University Dartmouth College Emory University Rice University

Williams College

Stanford University University of Chicago University of Southern Califor-



THE TECH February 28, 2006

Common Space, Timeliness of Input Are Concerns

Ashdown, from Page 1

dents joined in expressing the importance of student input into decisions affecting student life in a UA/GSC resolution (page 11). The Undergraduate Association unanimously passed the resolution last night, and the GSC will vote on it Wednesday evening.

Students have found troubling the administration's failure to solicit input since a 2004 housing feasibility study, even from those who would be most affected by the decisions. Orlando, who was included in the 2004 study committee, called its dis-

cussions "very general," with nothing "about common space or types of rooms, only a footprint." With respect to Ashdown, "When I asked at the time, explicitly, I was told no decision had been made about Ashdown at that time.'

Former Ashdown resident and former GSC President Barun Singh said at the town hall meeting that administrators "just don't want the same things we want."

In a later interview, Singh, who had been asked by AHEC to participate in the process, added, "We have every reason to believe that we were

purposely misled ... Anytime between '04 and now they could have involved people in the process. Some things do have to be kept secret, but there are tons of things in that process that could have had student input; they were constantly being offered student input.'

GSC President Sylvain Bruni commented, "There are great examples of collaboration between grad students and the administration, and there are bad examples. We are ready to work with them, understand their constraints, to negotiate and compromise. It's about time they included

Preliminary architectural plans were originally shown at an informal meeting on Friday Feb. 17 to a group of stakeholders, including the housemasters of Ashdown, Sidney Pacific graduate residence and NW30 (the Warehouse). The plans fueled anger during the town hall meeting the following Thursday, when AHEC members revealed that they were dated July 2005, indicating they had been created long before graduate students and the Orlandos were directly consulted.

But Director of Housing Karen A. Nilsson said in an interview that making preliminary drawings was a necessary first step for MIT towards gaining approval from the City of Cambridge to build the dormitory.

For the project to remain on schedule, those involved will have until only March 31 to decide on final floor plans specifying room configurations and allocation of common space, Orlando said. That group will reconvene tomorrow.

Bruni said "When they started to have a good idea of what the dorm would look like, that's when our input was most valuable, not 30 days before the deadline."

Former GSC president Emilie F. Slaby said in an e-mail that the Council was surprised they were not asked for input sooner given the compressed timetable.

The Committee on Student Life, made up of faculty, undergraduates, and graduate students has said that "they supported student involvement in the design of the building, and hoped that the March 31 deadline would be extended," Orlando said.

But Benedict emphasized that March 31 will not mark the end of discussions. "We have two years of work to do on other aspects of the planning process which will also require and allow for quality student input," Benedict wrote in an e-mail.

A key concern about the new building is its apparent lack of common space. "The architecture of ev-

ery building if it's thought through carefully can encourage community — or not," Orlando said. "One doesn't want to be constrained to this small amount of space to build a community."

In an interview, Nilsson said that the proposed layout for the new building would include two-bedroom apartments and efficiencies. One source of input into the room configurations was "statistically, where are students living? We have the longest waiting lists for" Sidney Pacific, excluding shared bedroom quads, she said. On the other hand, she added, allocations for common space are not yet written in stone. "We don't just build buildings, if that doesn't work for students," she said.

According to data compiled by members of AHEC based on information from the Ashdown house manager and the preliminary plans, the new building, even including all of its as yet flexible space, will only have about half the common space currently available to Ashdown residents, but with 140 percent as many residents.

This is not the first time graduate students have leveled charges against administrators, calling them reluctant to seek student input. A GSC proposal dated September 2000 regarding the early stages of designs for Sidney-Pacific outlines an almost identical situation and student response.

"Since the proposed building is already very advanced in the design stages, we only discuss issues that can still be amended," that proposal states. "It should be noted that many of us would have proposed a different design of the building, if we were involved from the early planning

The proposal goes on to note that "the resident units seem too large, and that there is not enough common space," and provides suggestions to address those concerns that represented "minimum requirements for this dormitory to be consistent with Institute positions on residential life."

AHEC has created a Web site to serve as a "discussion mechanism." Students can provide input to the process by blogging their experiences, and leave comments about their opinions and concerns about Ashdown and the design of the new graduate dormitory at http://www. Ashdownhouse.org.



Eric G. Weese 'G, Housing and Community Affairs Co-chair for the Graduate Student Council, provides argument supporting the joint Undergraduate Association and GSC resolution passed vesterday night during the UA Senate meeting.

UA/GSC Resolution on Input Regarding Physical Resources

Whereas, students are the primary users of student residences, and are thus well positioned to provide input regarding the configuration of these

Whereas student residences are "existing or prospective physical resources" under Section II.C of the Statement of Government of Colleges and Universities, as endorsed by the American Association of University Professors, the American Council on Education, and the Association of Governing Boards of Universities and Colleges;

Be it resolved, by the Undergraduate Association assembled in Senate and the Graduate Student Council:

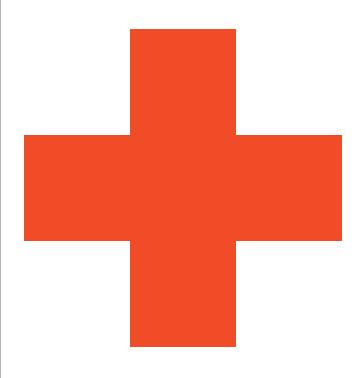
That input from both students and faculty should be solicited regarding plans for construction or major renovation of student residences; and That this input should cover topics including but not limited to

(i) the total amount of common space in the residence, (ii) the disposition of this common space, and

(iii) the type of residential rooms in the residence; and

That this input should be solicited at a time when it is still feasible to make substantive changes to the architectural designs regarding the three aforementioned topics.

Resolution passed by the Undergraduate Association Senate at its meeting last night. The Graduate Student Council will vote on the resolution at its meeting on Wednesday evening.



Give Life ...

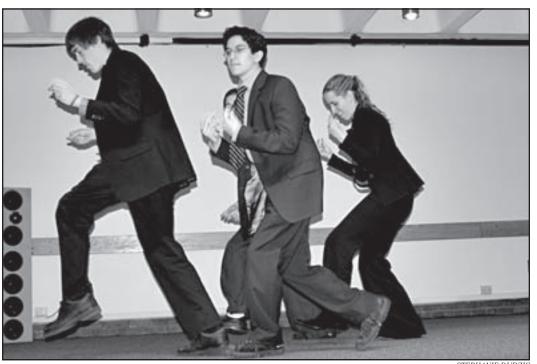
Give Blood.

Your blood donation will help save the life of a patient with cancer, heart disease, gastrointestinal disease, anemia, fractures and trauma, liver, kidney and lung disease, or bone and joint disease.

> Tuesday, Feb. 28, 10 a.m. - 4 p.m. Wednesday, Mar. 1, 12 p.m. - 6 p.m. Thursday, Mar. 2, 12 p.m. - 6 p.m. Student Center, 2nd Floor

Visit http://web.mit.edu/blood-drive/www/ to schedule an appointment. When registering, your donor card or positive identification is preferred but not required.

THE TECH Page 12 February 28, 2006



Jay M. Turner '08 (left), Adam V. Donovan '06 (center), Tal Goldenberg '09(center, obscured), and Courtney E. Lane '09 (right) participate in MacGregor's annual Entry Acts, performing a rendition of Ok Go's "A Million Ways" last Friday, Feb. 24.

T-SHIRTS

🖔 ... a necessary fact of college life

- Deal direct...no middlemen
- Fast turnaround
- Award winning & computer literate art department
- Free delivery & Reasonable prices
- · Most major organization logos on file for easy art work at no charge
- · Full color heat transfers no minimum!
- Web. print & graphic design

...and best of all - no boring lectures



ph - 617-625-3335

fx - 617-625-0404

email - info@grsts.com

www.qrsts.com

serving the M.I.T. Community since 1989

Collaboration With Portugal Considered Reuters Article 'Misleading' and Premature

By Curt Fischer

STAFF REPORTER

MIT is considering entering into science and technology cooperation with the nation of Portugal, but has not made any final decisions regarding the issue, said Chancellor Phillip L. Clay PhD '75.

Clay's stance contrasted with a Reuters report Saturday that said an accord had been signed. "The report is misleading," Clay said. "There is not an accord," and the Reuters announcement was premature, he

Over the next four to five months, MIT faculty will study the possibility of the collaboration before reaching a final decision. Clay emphasized that currently, MIT and Portugal share only mutual interest in exploring possibilities for collaboration.

The level of consideration MIT is giving to the pairing with Portugal is not unusual. "We get invitations [for collaborations] every week," Clay

MIT first assesses possible areas where collaboration could be mutually beneficial. If sufficient interest arises from the faculty, typically a small team of professors would then meet officials from the foreign entity to flesh out the scope and nature of the collaboration.

Professor Daniel Roos '61 of the Engineering Systems Division will lead MIT's assessment of possible collaborations with Portugal, Clay

Departing Slaby Cites Diversity, Future Dorm As Challenges for GSC

Slaby, from Page 1

respect to plans to close Ashdown House and build a new graduate dormitory next to the Sidney Pacific graduate residence, the GSC has taken on other initiatives as well. Bruni said the GSC is advocating enhancement of graduate committees, and encouraging people to apply and participate.

Reflecting on his experiences working with Slaby, Bruni said, "all GSC officers are thankful to Emilie" for her months and years of services.

The GSC has "a lot of really dedicated people" and works to make sure students "do not lose [their] voice on committees.

Slaby said she was especially proud of the Hurricane Katrina funding board, and feels that the biggest issues the GSC faces are diversity and the new graduate student residence. Reflecting on the past year with the GSC, Slaby said, "I think this was a growth year for everyone involved," as many members were new, but that the organization has become more efficient.



Uncertainty is a normal part of finding one's way.

Anxiety and self-doubt are common reactions to stress. MIT Mental Health is here for you.

Talk with us.

Mental Health Service

http://web.mit.edu/medical 617.253.2916



MIT Team Helps Disarm Bombs

By Bryan Bender

The Pentagon is staking \$3 million on a small team of students at the MIT to help the military identify new ways of disarming the kind of homemade bombs that insurgents are using to kill and maim U.S. troops in Iraq, according to Defense Department documents and researchers.

Under the auspices of the Office of Naval Research, the Pentagon will fund a research project led by MIT chemistry professor Keith A. Nelson that is analyzing the molecular interaction of explosive materials. The goal of the three-year program, Nelson said, is to study the physics and chemistry of improvised explosive devices — known as IEDs — and find techniques to detonate or short-circuit them before they cause harm.

"We are studying the microscopic mechanisms that are characteristic of the core materials that bad guys use in IEDS," Nelson said in an interview Monday. "There is a whole set of things that have to happen to get [a detonation] and we are studying the chemistry in small amounts of energetic materials.

"There are two objectives: developing countermeasures and developing safer and more reliable materials for our own use" to defend against them, he said.

The Defense Department be-

lieves the highly controlled experiments that 10 MIT researchers are conducting with research partners at Washington State University and Michigan Technological University hold great promise.

The funding is part of a military program called the Multidisciplinary University Research Initiative, which is designed to support technology advances and academic work in subjects "representing exceptional opportunities" for future military applications, according to a program description.

Composed of leftover Iraqi Army mortars, artillery shells, TNT, and a variety of other explosives available in postwar Iraq, IEDs pose perhaps the most troublesome problem for U.S. troops and commanders. The bombs, hidden along U.S. patrol and convoy routes, are relatively cheap to make, yet have become increasingly sophisticated, more powerful, and harder for the military to defend against.

Skilled insurgents have disguised IEDs as rocks or tucked them inside roadside debris and dead animals. The bomb detonators have ranged from remote-controlled devices activated by a nearby cellphone to thin, nearly invisible trip wires and sensors the size of postage stamps imbedded in the road.

The Defense Department has set aside \$3 billion this year to develop new technologies and training

techniques to help thwart what has become the single deadliest weapon US soldiers face in Iraq.

And Defense Secretary Donald H. Rumsfeld established a high-level office headed by a retired general to coordinate the military's projects addressing the IED problem.

According to an Army report to Congress earlier this month, the Pentagon's work on roadside bombs "has contributed to a 45 percent decrease in the rate of IED casualties since April 2004."

Yet the military has a long way to go before the weapon of choice of Iraqi insurgents and others targeting American forces is rendered a tolerable threat, according to specialists.

With the help of Washington State's Institute for Shock Physics, which studies the physical and chemical changes in solids and liquids under very rapid and large compressions, the MIT research work will include laboratory experiments to "shock materials and study in real time how they respond," Nelson said.

Other research will include testing different ways that explosives can be stimulated, or triggered — such as through heat, radiation, or mechanics.

The hope, said Nelson, is to use the knowledge gained to "make IEDs on the side of the road more vulnerable to stimuli we might launch at them"



Holy Eucharist
with imposition of ashes
Wednesday, March 1
5:15 pm MIT Chapel

Guest Preacher: The Very Rev. Jep Streit, Dean of Cathedral Church of St. Paul, Boston

Sponsored by the
Lutheran-Episcopal Ministry at MIT
http://web.mit.edu/lem/

Search For Next VP Begun

Avakian, from Page 1

be built, she said, and it will require the efforts of the entire administration to start seeing the desired numerical results. As part of the efforts to increase employee diversity, a Staff Diversity Council was created one year ago.

Avakian has served MIT in human resources since 1999. Before coming to MIT, she had worked in human relations at the Beth Israel Hospital for 20 years.

The search for a replacement for Avakian has already begun with MIT's interim executive vice president Sherwin Greenblatt interviewing several executive search firms last week, Avakian said. Once a search firm has been hired, it will work with a search advisory committee headed by Sloan School Professor Thomas A. Kochan. Avakian said her role will be limited to advising Kochan and reviewing the job description prior to the search process.

Solution to Sudoku from page 8										
5	6	8	1	9	4	7	3	2		
7	4	1	8	3	2	5	6	9		
2	9	3	6	5	7	1	8	4		
4	1	6	2	7	9	3	5	8		
9	8	7	3	1	5	2	4	6		
3	2	5	4	8	6	9	7	1		
1	3	2	7	4	8	6	9	5		
6	5	4	9	2	3	8	1	7		
8	7	9	5	6	1	4	2	3		

	Solution to Crossword													
	from page 9													
IE.	Р	С	0	Т		М	Α	Р	s		Р	Н	Т	
ΙT	R	Α	D	Ε		Ι	D	Ε	Α		Α	0	N	E
Н	Α	Ν	D	М	Е	D	0	W	N		L	0	G	Е
T	D	0		Р	Α	S		S	С	Α	М	Р	Ε	R
C	0	Ν	F	Ε	Т	Т	Τ		Т	0	R			
			Ι	R	S		С	0	Т	L	Е	D	U	Р
ΙE	Α	R	N	S		L	Ε	Т	0		Α	U	R	Α
Р	L	U	G		R	0	В	Τ	N		D	0	G	S
T	S	Ε	Ε		Α	G	Ε	S		R	Τ	S	Ε	S
C	0	R	R	Т	D	0	R		В	Ε	N			
			Р	S	Τ		G	R	U	D	G	Ι	N	G
Υ	0	G	Α	М	Α	Т		Α	L	Т		٧	0	L
U	G	ш	Ι		Н	Н	U	М	В	Α	R	Ι	D	Е
K	Е	Е	N		Е	Α	R	Р		Р	Ι	Е	Т	Α
S	Е	Ν	Т		S	Ι	N	S		Е	Р	S	0	М

SUBMIT YOUR TECHNOLOGY ARTICLES AND GET PAID. Anyone can get published Payouts for articles. Anyone can make money \$25,00 for the best two of the day \$250.00 for the best of the month \$500.00 for the best of 6 months elated: from video games and \$1000.00 for the best of the year component reviews to how-to's and That's a potential ew technology developments. payout of \$1775 for one article! great prizes! TECHNOLOGY **Royal Bengal**

Boston's only authentic Bengali Cuisine restaurant

Open Daily Except Monday 11:30 am – 11:30 pm Lunch Buffet \$6.95 Reasonably Priced Dinners 313 Mass. Ave., Cambridge (617) 491-1988 T: Red Line, Bus #1 – Central Square

Unique Bengali fish dishes include Paabda maachher jhol, Rui maachher kalia, Mochar ghanto, Shorshe Ilish

Take-out, platters, and catering available. Delivery with minimum order. 10% Discount on \$15 (or more) order with MIT ID. http://www.royalbengalrestaurant.com Free dinner on Sunday nights.

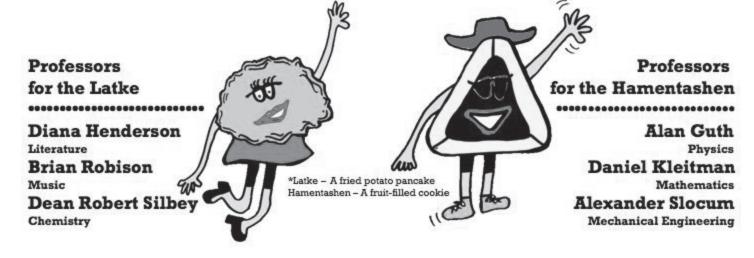


join@tt.mit.edu W20-483, 617-253-1541

Monday March 6 • 8:00 PM • 10-250

The Fourth Annual Latke/Hamentashen* Debate

Which is superior - The Hanukkah Latke or the Purim Hamentashen? The answer lies in the wisdom of our MIT experts



Free Latkes and Hamentashen will be served following the debate!

Sponsored by MIT Hillel – Supported by ARCADE, UA Finboard, and the Peter de Florez Fund for Humor

Questions? Contact lhd@mit.edu

Page 14 THE TECH February 28, 2006

Speculation Swirling About Summers Replacement

By Michael Levenson

HE BOSTON GLOBE

Everyone has a favorite.

Stephen Joel Trachtenberg, president of George Washington University, recommends Shirley Ann Jackson '68 who is a theoretical physicist, president of Rensselaer Polytechnic Institute, and the first African-American woman to receive a doctorate from MIT.

Donna E. Shalala, health and human services secretary in the Clinton administration, would be perfect, suggests Paul S. Grogan, president of the Boston Foundation, because she's "tough" and "politically savvy."

Leon Botstein, president of Bard College in New York, wants a scientist such as Shirley M. Tilghman, a molecular biologist and president of Princeton University who would push a bolder science curriculum.

As some of the nation's business, academic, and nonprofit leaders contemplate a new president for Harvard University, they offer an array of suggestions about who could triumph where president Lawrence H. Summers '75 stumbled, and successfully lead the country's oldest and most influential university. The Harvard presidency demands almost superhuman abilities: brilliance, worldliness, vision, charm, and tact, to name a few.

While those interviewed in recent days expressed a range of ideas, some common themes emerged.

There were numerous calls for a strong female or minority candidate, someone bold like Summers but more perceptive about people, with a soothing manner and an ability to inspire trust among a fragmented faculty. Others said that rather than a prominent figure, like Summers, the former Treasury secretary who occasionally autographed dollar bills for admiring students, Harvard might be well served by a longtime administrator who rose quietly through the ranks

Still for some, it's imperative that Harvard turn to a scientist to underscore a new direction, away from the campus culture wars of previous decades and toward a new era of scientific discovery.

There was near unanimity that the next leader must have more political acumen and ease with outsized egos than Summers did, and a better understanding of the megaphone effect that makes everything the Harvard president says and does reverberate far beyond Cambridge. The Byzantine politics of the job encompass everything from international issues to inter-departmental tiffs. And the president must relish the challenge of engaging with demanding students, donors, a prying media, and independent-minded professors.

"You have to have the respect of the faculty, and you have to demonstrate a high degree of respect for the faculty," said Paul E. Gray '54, a former president of MIT. "That doesn't mean you can't push... It just means you have to go about it in a way that maintains a sense of being part of the process."

"Upsetting people is not synonymous with good leadership," said Nancy Hopkins, an MIT biology professor and critic of Summers. "You've got to somehow be both able to lead and to serve — and I think that's hard — and to know and be

right."

Many say the new president must first soothe faculty anger if he or she hopes to realize a vision of a bigger, bolder Harvard.

Peter C. Wendell, a California venture capitalist and member of the Princeton University board, said Harvard's next president, no matter how much of an academic heavyweight, needs to listen well.

"The most important thing would be someone who would have the respect of the faculty and be able to lead them," Wendell said, "so it would have to be someone with a great intellect, because Harvard faculty are bright people who expect a bright leader — and also probably someone with two ears and one mouth used in that proportion."

Also important is the president's willingness to push professors in powerful perches, to collaborate, for instance, with junior colleagues in other departments, said James A. Champy, chairman of Perot Systems Corp.'s consulting practice and a member of the MIT board.

"They've got to have the strength to force an openness and transparency between the schools and departments," Champy said. "There's going to be some forcing action involved — a strong hand is still what's required."

After several prominent African-American professors, including Cornel West and K. Anthony Appiah, left during the Summers presidency, the new leader must build better relations with people of different backgrounds, said Beverly Daniel Tatum, president of Spelman College. Harvard has never had a minority or woman at the helm.

"The Harvard of the 21st century needs to be setting an example for people different from its historic constituents," she said. "This is a conversation that is important for the Harvard community itself to take un"

While some in academia shy from suggesting a specific person for the job, others gleefully recommended candidates. Trachtenberg said Jackson would be "the answer to every complaint alleged about Summers."

A past president of the American Association for the Advancement of Science and an insatiable intellectual, she has lectured on topics as diverse as Ethiopian art and opto-electronic materials, and has established a biotechnology center at Rensselaer, dedicated to combating what she calls a "quiet crisis" of too few American engineers and scientists.

"African-American. Woman. Physicist. Proven university administrator," Trachtenberg said. "She has the charm of being both right for the moment at Harvard, a radical departure and answer to the critics of the last five years, and simultaneously capable of doing the job. What a wonderful thing when two things like that come together in one person at the right time."

Another Summers critic, Denice Denton, chancellor of the University of California at Santa Cruz, called Jackson her top choice, saying, "She's bold and she speaks out."

James F. Jones Jr., president of Trinity College, suggested Nannerl O. Keohane, a member of Harvard's governing board and past president of Duke University and Wellesley College. A scholar of political philosophy, she has written on France and feminism.

"People have respected Nan Keohane for 20 years," Jones said. "She would just be the perfect person."

He said he was not sure, however, whether she would want to serve again as a university president.

Though he said he could not name a suitable scientist for Harvard's top job, Botstein said he was certain science should be the new president's discipline.

"It's not about the culture wars and the social sciences and the humanities or the arts," he said. "It's a question of the role of science in society and democracy, and for that you need a scientist, it seems to me."

Grogan, who recommended Shalala, now the president of the University of Miami, said she would help tackle the politics of Harvard's expansion into Allston. "The whole Allston thing would be right up her alley in terms of leading that process and getting more of it executed," he

Harvard's 28th president will be selected, under no timeline, by Harvard's board, known as the Corporation, with the support of the university's Board of Overseers. The board so far has been silent on its preferred candidates. That person will become an instant force, Botstein said.

"It is indeed a presidency unlike any other," Botstein said. "It's important to all of us who the president of Harvard is, even where we have no relationship to Harvard, because the job is so important, so visible," he said.





Got News? Let *The Tech* know! E-mail news@the-tech.mit.edu



Three Pt. Plays Put MIT Ahead For Good

Basketball, from Page 16

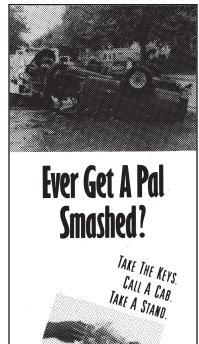
back three point plays from D'Auria and Bartolotta and a sweet three pointer by Alexander G. Krull '07, shooting with a hand in his face.

MIT continued to roll in the second half by keeping the pressure on the Bears' guards and finally getting some penetration, most spectacularly on no-look passes from Kanamori and D'Auria. Soumare added a three point play of his own, and when the Coast Guard fans chanted "OVER-RATED" during his extra point attempt, he sank it and wiggled his fingers at them while running back the other way.

William D. Mroz '08 got MIT fans cheering when he substituted in with nine minutes left in the game and immediately sank two three pointers, pushing the MIT lead up to 62-39 with under 8 minutes to go.

After that point, Coast Guard got desperate, beginning to lose control on offense and tossing up more off-balance shots. They also experimented with full-court pressure and double-teaming the MIT ball carrier when he crossed half court. MIT did only score seven points the rest of the way, but it's questionable whether this was because of Coast Guard's defense or because MIT was trying to use the clock rather than worrying as much about scoring. Either way, Coast Guard was not able to capitalize and could only watch as the seconds ticked away, leaving the team 12 points away from the advancing to championship game when the clock hit 0:00.

D'Auria was MIT's top scorer with 17 points on six field goals, two threes, and three free throws. Bartolotta followed closely behind with 14. Soumare was Tech's leading rebounder with 7 (three of them offensive boards), followed by Bartolotta with 4. Coast Guard's top scorer was Jeff Prebeck, with 23 points, nine of them free throws. MIT shot only 47 percent on the night to Coast Guard's 50 percent, but took 27 more shots, as Coast Guard committed 21 turnovers to Tech's 10.



FRIENDS DON'T LET FRIENDS Drive Drunk.

Ad u.s. Department of Transportation
This space donated by *The Tech*

make someone's day!

Nominate students, faculty, and MIT community members for the 2006 Awards Convocation

Here's how:

- → Browse the award descriptions at web.mit.edu/awards
- → Submit a nomination by Friday, March 17 by email to awards@mit.edu or by mail to room W20-549
 Massachusetts Institute of Technology



Page 16 THE TECH February 28, 2006

SPORTS

Men's Hoops Makes Their First NEWMAC Title Game

By Brian Chase

MIT Men's Basketball outhustled, outplayed, and outstripped Coast Guard in a 69-57 victory Sat-



Coast Guard in shooting percentage, rebounds, and free throws, MIT led by 20 with five minutes remaining, thanks to 21 Coast Guard turnovers that limited their shots and allowed MIT to cruise to victory in the closing minutes.

In the first two minutes, although MIT could not get good dribble or pass penetration in the paint, Coast Guard turned the ball over twice, once to Michael W. D'Auria '06 and once to James M. Bartolotta '09, leading to 3 MIT points. Coast Guard responded by getting passes inside the paint on their next two possessions, resulting in four points on a bucket and two free throws.

The rest of the half progressed similarly — MIT had trouble getting near the basket, but managed to sink enough three-pointers and jumpers to stay in the game. Coast Guard, for its part, turned the ball over twice as many times as MIT, but their inside penetration helped them make the shots they did get. MIT's perimeter defense, led by D'Auria, Bartolotta,

and Daniel F. Kanamori '06 should get a lot of credit for hassling the Coast Guard ball handlers and creating easy transition buckets.

Hamidou Soumare '08 helped MIT's guards in the first half with

three rebounds and two steals. The second steal occurred with a little under four minutes remaining in the half and MIT up 25-24, as Soumare (or "Dou" as the MIT fans were chanting) leapt on a Coast Guard

pass and punched it up the court. Running after the ball, he scooped it up and elevated for a thunderous dunk. Flustered by the slam, Coast Guard's Al Sowers sailed a pass out of bounds and the entire arena shook with the cry of "DOUUUUU."

MIT picked up the momentum from there and closed the half on an 11-6 run, helped along by back-to-

Basketball, Page 15

VPI Beats MIT 69-57 in Championship Game

By Travis Johnson

SPORTS EDITOR

Cold outside shooting and a size disadvantage cost MIT Men's Basketball Sunday, as the team fell to

WPI 56-69 in its first ever visit to the NEW-MAC Championship Game.

The game was

close for the first fifteen minutes, as neither team could get on track. MIT (20-8, 8-4) got their only lead of the match, a 20-19 advantage, with 5:29 to play in the first half.

WPI (22-3, 9-3) then went on a run that proved to be decisive. They controlled play from the next five minutes and shot a high percentage to open up a 37-26 lead by half-time.

The second half resembled the first fifteen minutes of the first half, with WPI unable able to pull away and MIT unable to come back. WPI increased its lead by 2 points in the second half to win 56-69.

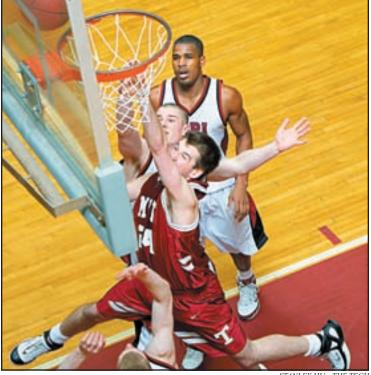
MIT's leading scorer, Michael W.

D'Auria '06, ended his remarkable career with a forgettable night. He shot a meager 4-18 from the field and 1-6 from beyond the arch, reflecting effective WPI defense as well as poor accuracy on his part. He did hit all four of his foul shots to boost his point total to 13.

James M. Bartolotta '09 picked up the slack for MIT, scoring 18 points on 7-13 shooting, and also led the team with 11 rebounds. With D'Auria and co-captain Daniel F. Kanamori '06 graduating, it's clear that Bartolotta will be the new team leader for next season.

WPI's key approach was a balanced attack that included offense from both perimeter and post players. All five Worcester starters scored 9 or more points, while MIT only had three players attain that level of production (D'Auria, Bartolotta, and Alexander G. Krull '07).

As was the case in two earlier meetings this season, both won by WPI in dramatic fashion, the Worcester size advantage played a big factor. On Sunday that advantage manifested itself in post scoring: WPI outscored MIT 28-18 in points in the paint.



Michael W. D'Auria '06 goes up for a shot during MIT's 56-69 loss to Worcester Polytechnic Institute in the NEWMAC championship game at WPI Sunday, Feb. 26. D'Auria, the team's captain, scored 13 points.

Men's Volleyball Wins 3-0 With a Balanced Attack

By Travis Johnson

SPORTS EDITOR

For MIT Men's Volleyball, Saturday's match against Milwaukee School of Engineering was all about

efficiency. Scoring on a remarkable 40 percent of their hits in the first game, MIT started quickly and coasted to a 3-0 win.

With both teams feeling confident after beating Wentworth earlier in the afternoon, MIT coach Paul Dill "tried to impress upon the team how important it would be for us to set the tone of the match early."

MIT (13-4, 5-1 NECVA) did just that, taking a 19-9 lead on nearly mistake-free volleyball. The digs went straight to setter Jordan X. Wan '06, who passed it to the hitters in rhythm, resulting in 14 kills in 25 attempts and only 4 errors in the first game.

The MSOE (2-7) offense, by contrast, was in disarray. With their usual starting setter Adam Friedman not playing, mistakes piled up early and the Raiders weren't able to recover, giving MIT a 30-19 win.

The second game was much closer, as outside hitter Mike Mocchi played an excellent game both offensively and defensively, intimidating MIT with his blocks and keeping MSOE in the game with powerful hits.

However, other than Mocchi, the Raiders trouble with errors continued. Backup setter Kevin House could not get the ball to his hitters in positions they liked, causing many hits to go too long.

With the rest of the team struggling, Raiders offense turned to Mocchi on nearly every play. MIT encouraged this because it made their opponents predicable.

"We were putting them under a lot of pressure with our serve so their setter was forced into a position where he could only set one hitter (Mocchi)," Dill said after the game.

MIT was able to defend well down the stretch of the second game and take a 30-25 victory.

The third game looked like it would be a blowout, with all the energy and a 16-9 advantage on MIT's

Freshmen hitter T. Scott Pollum had a good third game after sitting out the second with a bloody nose. Unlike the Raiders, MIT used a variety of hitters throughout, including Pollum, Praveen Pamidimukkala '08, and Ryan G. Dean '08. Dean and Pamidimukkala lead MIT with 10 kills each on the day.

Although the Engineers extended their lead to 24-16, some good blocking by MSOE and a few MIT mistakes brought the MCOE deficit to 4 at 28-24.

Wan finished the match from there with a tip over the net and a service ace, making the final tally 30-26.

Dean had a productive day with hitting: he converted 10 kills on 18 attempts with only one error, good for a 50 percent efficiency rating. He also had 4 assists, second to Wan's 36.



DAVID TEMPLETON—THE TEC

Gary R. Atkins '06 guards Worcester Polytechnic Institute's Antoine Coleman during the first period of the Engineers' 56-69 loss in the NEWMAC championship game on Sunday, Feb. 26.



Richard Sinn '06 spars against Cody Aguirre from City College of San Francisco during the 31st National Collegiate Taekwondo Association Championships, held on Saturday, Feb. 25 in Johnson Athletic Center.



Expires on 03/10/06

Valid Mon-Fri 8am-8pr

Valid only at 600 Technology Square, Main Street, Cambridge Location.

Not valid on delivery orders. Limit one coupon per person per visit. May not be combined with any other offer or coupon. No cash value. No substitutions. Void if copied or transferred and where prohibited.