

Freshmen In Next House Can Take Part In REX

By Arkajit Dey
STAFF REPORTER

Beginning next fall, freshmen placed in Next House during the summer will be able to participate in Residence Exploration and enter the Housing Readjustment Lottery. McCormick Hall was not included in the change.

In past years, freshmen placed in Next House and McCormick were not able to switch into a different dormitory during their first year because of Residence-Based Advising.

In order to have time to process the advisor changes of students who move in or out of Next House next fall, the timetable for REX will be moved up, with freshmen arriving earlier and the Readjustment Lottery closing a couple of hours earlier as well.

Next House President Franklyn F. Lau '08 said that while the change is primarily for those students who go through REX and wish to switch to a different community, it also helps the rest of Next House and the student body.

Dormitory Council President Sarah C. Hopp '08 said the change was "really good news" for Next House residents. "They can focus on getting a community that wants to live in Next House without worrying about not being able to move out," Hopp said.

Lau said that during this year's REX, Next House Housemaster Muriel Medard observed that there were several students who wanted to move into Next and several who wanted to move out, but none were allowed to make the change. As a result, Medard entered the negotiation process this fall to push for the change, Lau said.

Negotiations began during the spring between the Next House government, the Office of Undergraduate Advising and Academic Planning, and the Housing Office.

By that time, housing information had already been mailed out to incoming freshmen and it was too late to change the policy for the Class of 2011, said Senior Associate Dean Julie B. Norman of the UAAP.

Instead, the talks continued into the fall and culminated last Thursday, said Lau, who actively pushed for the change because many students at Next House "wanted this flexibility."

McCormick Hall, which also has RBA, is not part of the REX change. Norman said McCormick was involved in the negotiations in the spring, but was not as committed as Next House, since the current system

RBA, Page 11

Falling Limb From Baker Tree Injures Student

By Jeff Guo
STAFF REPORTER

A senior was injured by a falling tree limb at Baker House Saturday, according to Campus Police Captain David Carlson.

Wei-Hsuan "Jessie" Ho '08, was struck by a large branch from the Class of 1950 Willow Tree in front of Baker House, Director of Operations and Security John DiFava said. The willow has since been removed, according to DiFava, due to concerns about the stability of the tree in Saturday's high winds.

An emergency call was made to campus police at 11:17 a.m. on Saturday, Carlson said. Police officers arriving on the scene administered first aid and called an ambulance that arrived about nine minutes later.

Ho is currently in "good condition" at Massachusetts General Hospital according to the hospital's media affairs officer Valerie Wencis.

The willow was a gift dedicated by the MIT Class of 1950 that was recently rededicated in 2000. On the afternoon following the accident, major branches were trimmed, and by the end of Monday the entire tree — including the stump — was



DAVID M. TEMPLETON—THE TECH

A limb from the Class of 1950 Willow Tree in front of Baker House injured Wei-Hsuan "Jessie" Ho '08 on Saturday. Since then, the tree has been removed.

gone.

DiFava said that all large trees on campus are checked regularly

by the Department of Facilities for safety and the Baker willow was no exception. "I know on Saturday the

winds were vicious," DiFava said. "A tree may look hard and sturdy, but it might have hidden problems."

New Bose System Ready for Next Step

Alumnus Bose Plans to Partner With Car Manufacturer Within Next Year

By Jeffrey Krasner
THE BOSTON GLOBE

FRAMINGHAM, MASS.

Fifty years ago, Amar G. Bose '51, the founder of Bose Corp., was a car nut. A geeky kind of car nut.

He wasn't concerned with the obsessions of the day: horsepower, speed, and tail fins. He just wanted the smoothest ride possible.

Six years before the young Massachusetts Institute of Technology professor founded the company that's now synonymous with high-end stereo speakers, he bought a 1958 Pontiac, which featured something called Ever-Level air suspension in which air bags replaced steel springs to absorb bumps.

It wasn't good enough. He tinkered with the suspension for a decade, and then he bought a Citroen DS-19, a French oddball renowned for its radically streamlined shape

and a pressurized fluid suspension with nitrogen shock absorbers. It once broke down on him at the Tanglewood music center, and he had to have it towed back to Boston.

Long after those cars were gone, the problem still gnawed at Bose: How can you design a suspension system that combines a smooth ride with superior handling?

Bose began working on the project in secret in 1980, and didn't unveil the results until three years ago. His innovative system uses electromagnetic motors — powered by unique Bose electric power amplifiers and switches — to control the handling of the vehicle.

"In cars today, there's always a compromise between softness over bumps and roll and pitch during maneuvering," Bose, 78, said in a recent interview. "This system provides absolutely better handling than any

sports car, and the most comfortable ride imaginable."

The Bose suspension system will not be appearing in a showroom sometime soon. Having spent 27 years on the project, Bose isn't about to start rushing the technology to market. But after years of refinements, and an investment of more than \$100 million, Bose is ready to take the next step, and he plans to partner with a car manufacturer in the next year.

"There's no question in my mind that it's marketable," said Bose. "But it requires a company that's interested in more than styling and horsepower."

There is surprising overlap between the physics of auto suspension and sound speakers. Both deal with waves and energy. The Bose suspen-

Bose, Page 9

Wikipedia Will Pay Illustrators for Work

By Noam Cohen
THE NEW YORK TIMES

The foundation that runs Wikipedia has finally agreed to pay contributors to the online encyclopedia a modest fee for their work. But it won't pay the thousands of people who participate in creating the wiki pages just artists who create "key illustrations" for the site.

The payments are made possible by a \$20,000 donation from MIT Affiliate Philip G. Greenspun '82, who said he was moved to give the money because of his experience seeing technical books he had originally published online appear in print.

"In comparing the Web versions to the print versions, I noticed that the publishers' main contribution to the quality of the books was in adding professionally drawn illustrations," he wrote in an e-mail message. "It occurred to me that when the dust settled on the Wikipedia versus Britannica question, the likely conclusion would be 'Wikipedia is more up to date; Britannica has better illustrations.'"

The woman running the project for Wikipedia, Brianna Laughler, says the plan is to create a list of articles that need illustrations and then solicit the work. The first list is expected to have 50 illustrations

and be completed this month. Contributors will be able to sign up for an illustration and have two weeks to submit it; if it is accepted, the illustrator will be paid \$40.

"The standard payment will be \$40, and depending on how it is received it could change in the future," she wrote in an e-mail message. "I really don't know if we will be flooded by illustrators clamoring to join, or if the general response will be one of apathy."

While the German chapter of Wikipedia has received a grant from the government to write on sustain-

Wikipedia, Page 16

Safe Stolen From Student Life Programs Office

A safe was stolen from the Student Life Programs Office sometime over the weekend, prompting the cancellation of

checks and a delay in student group reimbursements.

The safe, which was located behind two locked doors, was discovered missing yesterday morning, said Jed Wartman, assistant dean for student activities. The safe held mostly checks and only a small amount of cash, so there should not be much loss from the theft.

Wartman said he was surprised to find the safe missing given its unwieldy size; the safe was approximately 3 feet tall, 2 feet wide, and 2 feet deep.

The theft, combined with other thefts in the Student Center, may give more priority to ongoing discussions regarding building security.

"There have been some conversations about proximity readers as opposed to keys," said Wartman, though he emphasized that the readers might not be the best solution.

Reimbursements for student groups will be delayed until this Friday, Dec. 7.

—Nick Semenkovich

NEWS

Alum develops advanced spam filtering.13
The life of a male student attending Wellesley.14
OLPC sees surge in orders. . .15

World & Nation.2
Opinion.4
Campus Life.5
Comics / Fun Pages. . .6
Sports.20

In Short

¶ **Muhammad Yunus**, winner of the 2006 Nobel Peace Prize, will deliver MIT's 2008 Commencement address. Yunus won the Nobel Prize for developing microlending, a system that offers small amounts of credit to the poor in developing nations.

¶ **The dismissal hearing for Star A. Simpson '10** was postponed yesterday. Simpson was charged with possession of a hoax device after she appeared at Logan Airport wearing a circuit board that was mistaken for a bomb. The hearing has been moved to Thursday, Jan. 3 at 9 a.m.

¶ **Anna L. Tang**, the Wellesley sophomore accused of stabbing Wolfe B. Styke '10, did not appear in court yesterday for a pretrial conference. The hearing has been postponed until Friday, Dec. 28 at 9 a.m.

Send news information and tips to news@the-tech.mit.edu.

WORLD & NATION

Giuliani's Firm Lobbied for Bill That Administration Considers a Threat

By Eric Lipton
and Russ Buettner

THE NEW YORK TIMES

WASHINGTON

Although Rudolph W. Giuliani is campaigning as President Bush's staunch ally in the war on terror, his law office has lobbied Congress on behalf of legislation that the Bush administration calls a threat to anti-terrorism efforts in the Horn of Africa.

Giuliani was not personally involved in the lobbying last year on behalf of the company's client, the American wing of a dissident Ethiopian political party known as the Coalition for Unity and Democracy, leaders of the group said.

But the firm, Bracewell & Giuliani, used Giuliani's name in its pitch to win the assignment, and his clout was a reason it landed the job, said Seyoum Solomon, an Ethiopian-American from Maryland who helped negotiate the deal.

"He is a popular Republican, a good friend of the president, and he might have some influence on the State Department," Solomon said to explain the hiring decision.

Analysts Say Paulson's Subprime Mortgage Proposal Would Help Few

By Edmund L. Andrews

THE NEW YORK TIMES

WASHINGTON

The Bush administration's effort to help borrowers in danger of defaulting on their subprime mortgages could help only a small number of those who took out such loans, industry analysts said Monday.

Though administration officials have yet to agree on crucial details with mortgage lenders and the securities industry, a similar effort in California is likely to help about 12 percent of borrowers in the state with adjustable-rate subprime loans, according to estimates by Barclays Capital.

About 2 million people have subprime mortgages with monthly payments that are likely to jump sharply in the next year or so as their introductory teaser rates expire.

On Monday, Treasury Secretary Henry M. Paulson Jr. said he hoped to reach agreement this week with lenders and institutional investors on a plan to temporarily freeze the teaser rates for certain qualified borrowers.

Speaking at a housing conference here organized by the Office of Thrift Supervision, Paulson said he wanted to "develop a set of standards" for modifying subprime loans that the industry could use to speed up decisions on the hundreds of thousands of borrowers at risk of losing their homes.

Clinton Starts to Attack in Content, If Not Tone

By Patrick Healy

THE NEW YORK TIMES

CLEAR LAKE, IOWA

Sen. Hillary Rodham Clinton doesn't sound angry, look angry or act angry. But if you transcribe her recent speeches in Iowa and reread them, they do seem angry — or, at least, more negative toward other Democrats than she has been since the 1992 presidential primary campaign of her husband.

Like Iowa itself, where she is in a tight three-way race to win the Jan. 3 caucuses, attack-style campaigning is tricky political territory for Clinton. Going negative here has backfired (most recently, for Howard Dean and Richard Gephardt in 2004). Iowans have to put up with so many candidates for so long, they grow even wearier when the politicians rip into each other.

And such a strategy risks raising Clinton's unfavorable ratings; she has already been mocked by some voters and on political blogs for her campaign's opposition research published Sunday that Sen. Barack Obama had wanted to be president since kindergarten.

Analysis Finds Iran Stopped Nuclear Arms Effort in 2003

By Mark Mazzetti

THE NEW YORK TIMES

WASHINGTON

A new assessment by American intelligence agencies released Monday concludes that Iran halted its nuclear weapons program in 2003 and that the program remains frozen, contradicting a judgment two years ago that Tehran was working relentlessly toward building a nuclear bomb.

The conclusions of the new assessment are likely to reshape the final year of the Bush administration, which has made halting Iran's nuclear program a cornerstone of its foreign policy.

The assessment, a National Intelligence Estimate that represents the consensus view of all 16 American spy agencies, states that Tehran is likely to keep its options open with respect to building a weapon, but that intelligence agencies "do not know whether it currently intends to develop nuclear weapons."

Iran is continuing to produce enriched uranium, a program that the Tehran government has said is intended for civilian purposes. The new estimate says that the enrichment program could still provide Iran

with enough raw material to produce a nuclear weapon sometime by the middle of next decade, a timetable essentially unchanged from previous estimates.

But the new report essentially disavows a judgment that the intelligence agencies issued in 2005, which concluded that Iran had an active secret arms program intended to transform the raw material into a nuclear weapon. The new estimate declares instead with "high confidence" that that military-run program has been shut down since 2003, and it concludes that the halt was imposed by Iran "primarily in response to increasing international scrutiny and pressure."

It was not clear what prompted the reversal. Administration officials said the new estimate reflected conclusions that the intelligence agencies had agreed on only in the past several weeks. The report's agnosticism about Iran's nuclear intentions represents a very different tone than had been struck by President Bush, and by Vice President Dick Cheney, who warned in a speech in October that if Iran "stays on its present course, the international community is prepared

to impose serious consequences."

The estimate does not say when intelligence agencies learned that the arms program had been halted, but officials said new information obtained from covert sources over the summer had led to a reassessment of the state of Iran's nuclear program and a decision to delay preparation of the estimate, which had been scheduled to be delivered to Congress in the spring.

The new report came out just over five years after a 2002 intelligence estimate on Iraq concluded that it possessed chemical and biological weapons programs and was determined to restart its nuclear program. That estimate was instrumental in winning the congressional authorization for a military invasion of Iraq, but it proved to be deeply flawed, and most of its conclusions turned out to be wrong.

Intelligence officials said the specter of the 2002 estimate on Iraq hung over their deliberations on Iran even more than it had in 2005, when the lessons from the intelligence failure on Iraq were just beginning to prompt spy agencies to adapt a more rigorous approach to their findings.

Following Loss of Referendum, Chavez's Support Is Dwindling

By Simon Romero

THE NEW YORK TIMES

CARACAS, VENEZUELA

The surprising defeat of a referendum this weekend to accelerate President Hugo Chavez's socialist-inspired revolution has given new energy to his long-suffering opposition.

But just how long that momentum lasts will depend on whether his opponents can keep within their ranks the Venezuelans who defected from Chavez to vote no on the proposals.

For nine years, a combination of populist politics and rising oil prices have propelled Chavez's socialist program for Venezuela with an almost inexorable momentum. On Sunday his country put on the brakes.

Those results have at once given the opposition a sudden boost and demonstrated the resilience of Venezuela's institutions. They also showed

that many of Chavez's once-stalwart backers have grown frustrated with the rising prices and food shortages that have become symptomatic of his revolution, despite his promises to the poor.

Interviews in the barrios where Chavez's support has run strong indicated that many of those no votes were as much an expression of frustration with government mismanagement as a warning to Chavez that he had finally overreached in proposing constitutional changes that would have ended term limits for the president and greatly centralized his power.

The rejection of his proposals amounted to a sharp rebuke from Venezuelans who let Chavez know they were hesitant to follow him much farther up the path to a socialist future if their current needs were not being met.

At play now is a large portion of the electorate. Chavez won re-election last year with about 63 percent of the vote, compared with the 49 percent that supported his proposed constitutional amendments. The opposition, which never won more than 41 percent in four national elections during Chavez's presidency, got 51 percent over the weekend, illustrating its ability to win over voters who were loyal to Chavez in previous races.

The real test now for the opposition will be to fashion viable alternatives to keep those defectors. That will not be easy. Chavez and his supporters still control the National Assembly, the Supreme Court, almost every state government and the entire federal bureaucracy. The opposition, meanwhile, is recovering from years of tactical errors and marginalization from the country's political life.

WEATHER

The First Winter's Snow

By Brian H. Tang

STAFF METEOROLOGIST

After a bitterly cold weekend, conditions were primed for our first accumulating snowfall of the season. Although only a couple inches fell on campus early Monday morning, it was enough to change the landscape from fall's dying colors to a layer of white.

Determining the precipitation type in New England is trickier than simply forecasting rain or snow. Often, warm southerly winds ride up over a dense, cold dome of air at the surface causing a temperature inversion where the ground is below freezing but the air a kilometer or two aloft is above freezing. This can wreak havoc with what falls from the sky. For instance during this past storm, the depth of the cold air was very shallow over central Massachusetts leading to an extended period of freezing rain causing tree branches and power lines to fall. If the depth of the cold air was thicker, the rain would have had time to freeze before hitting the ground resulting in sleet. Further north, the entire atmospheric column stayed below freezing. Consequently, ski resorts in northern Vermont received 7-10" of new snow early Monday with more on the way delighting early season skiers and boarders.

No more big storms are on the horizon the next few days, but the temperature will be running below average, so watch for areas of ice as wet spots freeze up nightly.

Extended Forecast

Today: Mostly cloudy with a few flurries possible. Blustery and cold. High 35°F (2°C).

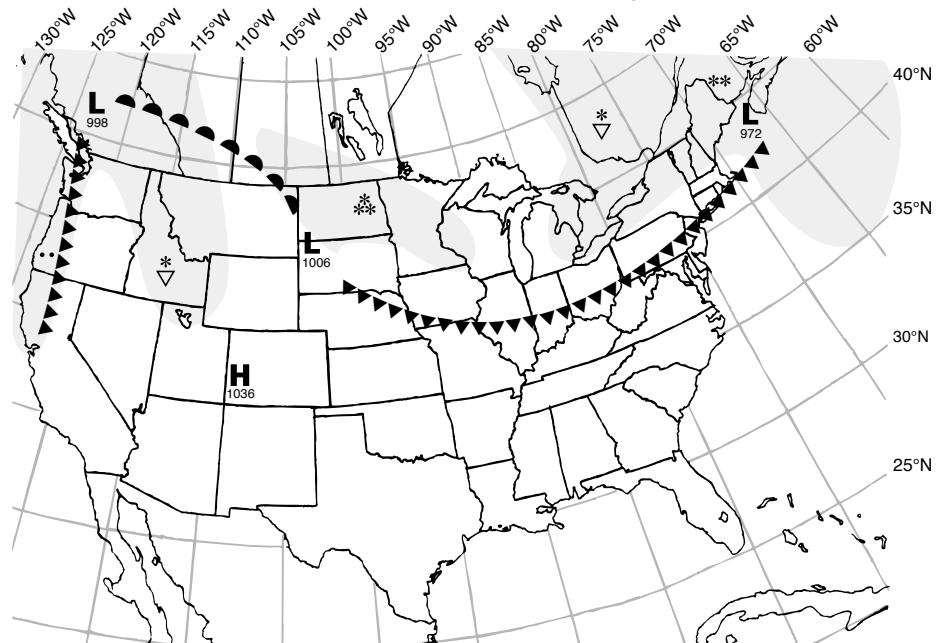
Tonight: Mostly cloudy and breezy. Low 25°F (-4°C).

Tomorrow: Mostly cloudy to cloudy and not as windy. High 35°F (2°C).

Tomorrow night: Cloudy early, then clearing toward dawn. Low 23°F (-5°C).

Thursday: Sunny and breezy. High 34°F (1°C).

Situation for Noon Eastern Standard Time, Tuesday, December 4, 2007



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

Former Prime Ministers Might Boycott New Pakistani Election

By Carlotta Gall
THE NEW YORK TIMES

ISLAMABAD, PAKISTAN

Benazir Bhutto and Nawaz Sharif, the two former prime ministers who have long bitterly opposed each other, joined with an opposition alliance on Monday to denounce what they saw as an unfair environment ahead of parliamentary elections planned for January.

They threatened a mass boycott if President Pervez Musharraf does not improve conditions for an open elections campaign and fair voting procedures.

"Free and fair elections do not seem possible," said Sharif, just hours after the election commission barred him from running in the elections. The commission said his nomination papers were rejected because of a conviction for hijacking as he tried to prevent Musharraf's plane from landing in Pakistan in 1999, shortly before Sharif's government was overthrown by Musharraf, who was then the country's military leader.

The fact that the diverse opposition parties were able to unite to oppose Musharraf is unlikely to be

enough to derail the election process. But it may help the opposition to do well enough in the elections to cause Musharraf difficulties afterward if their cooperation continues.

Sharif — who has been Musharraf's strongest and most vocal critic — said that his removal from the parliamentary race did not matter and would not affect the determination of the opposition to press its demands.

"It is not an issue of my own person, it is a matter of democracy versus dictatorship," he said. His brother, Shahbaz Sharif, has also been barred from running, on the grounds of financial irregularities.

The alliance of opposition parties would present its demands to Musharraf, Nawaz Sharif said. "If these are not accepted, we will move toward a boycott," he said.

Bhutto has opposed a boycott of the elections, arguing that it would only allow Musharraf to pack the Parliament with his own supporters and to form a government favorable to him. Without her Pakistan Peoples Party, the largest opposition party, a boycott would be largely ineffective. But she said on Monday that her party

reserved the right to boycott the elections if conditions did not improve.

Yet Bhutto also said that there was every sign that the president was already preparing to fix the elections on his behalf and that the opposition needed to combine forces to oppose him.

"If elections are rigged we are going to need to be in a position, like the people of Ukraine were, to protest those elections," she said, sitting beside Sharif and flanked by other opposition leaders at a news conference at her Islamabad home. "We really need to have a platform to which all the parties together can put the aspirations of the people for a democratic order."

She demanded that an unbiased election commission be appointed, and accused the government of "downright robbery," saying that it planned to rig the results by transferring thousands of pre-stamped ballots to stuff ballot boxes in the provinces.

"If we don't get a fair election, public pressure must be mounted," she said. "The ball is in the court of the regime."

State-Financed Christian Program Barred by Federal Appeals Court

By Neela Banerjee
THE NEW YORK TIMES

A federal appeals panel ruled Monday that a state-financed evangelical Christian program to help prisoners re-enter civilian life fostered religious indoctrination and violated the constitutional separation of church and state.

The decision by a three-judge panel of the U.S. Court of Appeals for the 8th Circuit, in St. Louis, was the latest in a series of rulings over the last year to reinforce laws that bar government money from promoting religion, said Robert Tuttle, a law professor at George Washington University who is an expert on religion-based initiatives.

"The main thing it does is reaffirm the obligation of government not to fund programs that intermingle secular and religious content," Tuttle said of the new ruling. "The federal government has come to terms with that over the last year. Even when it has won cases, there hasn't been a single decision that would allow the government to intertwine secular and religious content."

The current case was filed more than four years ago by Americans

United for Separation of Church and State against the InnerChange Freedom Initiative, an organization affiliated with the Prison Fellowship Ministries and the Iowa Corrections Department. Prison Fellowship Ministries was founded by Charles W. Colson, an ally of President Bush and an influential evangelical who went to prison for his role in the Watergate cover-up in the Nixon administration.

"The decision casts a long, deep shadow over faith-based programs in states, and even at the federal level," said Barry W. Lynn, executive director of the church-state organization.

The group challenged the InnerChange program at a medium-security prison in Newton, Iowa, that has 104 inmates enrolled in it. In its decision, the appeals court quoted an InnerChange brochure describing the program as a "24-hour-a-day, Christ-centered, biblically based program that promotes personal transformation of prisoners through the power of the Gospel."

No one is coerced to join the group, and sentences for prisoners who join are not reduced.

InnerChange Freedom Initiative

is the lone so-called transformational program, religious or secular, at the prison. Its participants were allowed better privileges than other inmates, like more family visits and computer access, the appeals panel said. Anyone who wanted to participate had to be willing to accept a "Christian based" program.

As a result, the panel found that the program violated the Constitution, because "the indoctrination and definition criteria had the effect of advancing or endorsing religion."

A lower court ruled against the program in June 2006. That earlier ruling slowed the momentum of a broad movement to introduce religion-based programs in prisons, Tuttle said.

The appeals court, however, reversed the part of the ruling that would have required the InnerChange program to repay the \$1.5 million it had received from Iowa over the years that it has run the program.

Mark L. Earley, a former attorney general of Virginia who is president of Prison Fellowship Ministries, said he did not see the ruling as a defeat for his group and that InnerChange did not plan to appeal.

Sudanese President Pardons British Schoolteacher for Teddy Bear Incident

By Jeffrey Gettleman
THE NEW YORK TIMES

NAIROBI, KENYA

The British schoolteacher jailed in Sudan for allowing her 7-year-old pupils to name a class teddy bear Muhammad was pardoned Monday by the Sudanese president and left for England later in the evening.

President Omar al-Bashir made the decision after meeting with two Muslim members of Britain's House of Lords, the upper house of Parliament.

The British prime minister, Gordon Brown, said he was "delighted and relieved" at the news and that "common sense has prevailed."

The teacher, Gillian Gibbons, was sentenced to 15 days in jail last week for insulting Islam and was to be released next Monday. Under Sudanese law, Gibbons could have received 40 lashes and been jailed for six months. On Friday, hundreds of angry Sudanese in Khartoum, the capital, protested what they considered a lenient punishment and called for her to be put to death.

British officials had been ratcheting

up pressure on Sudan's government to release Gibbons, 54, saying she had made an innocent mistake. Muhammad is one of the most common names in the Muslim world, but it is also the name of Islam's holy prophet.

Bashir was caught in the middle. By cutting short the time that Gibbons would serve in jail, the president risked provoking Muslim hard-liners in his country, who are among his key supporters. But the case hit his desk at a time when U.N. officials and Western governments were increasingly complaining that Sudan was obstructing an expanded peacekeeping force for Darfur, the war-torn region in the west of the country.

Apparently, Bashir calculated that he did not need to isolate his government any further.

"This was all political," said Kamal al-Gizouli, Gibbons' defense attorney. "The government did this to show they are tolerant. They don't need any more problems with the world and the international media."

Bashir said in a statement that Gibbons was released early because she was a guest of Sudan. A Suda-

nese official, who spoke on the condition of anonymity because he was not authorized to speak to reporters, said the government had struggled with what to do.

What persuaded Bashir to pardon Gibbons were the concerns raised by the British Muslim officials that "this whole incident could fuel Islamophobia," the Sudanese official said, "and President Bashir didn't want that."

Gibbons, who flew out of Khartoum around 9 p.m. on Monday en route back to England, responded with an apology.

"I have been in Sudan for only four months but I have enjoyed myself immensely," she said in a statement. "I have encountered nothing but kindness and generosity from the Sudanese people. I have great respect for the Islamic religion and would not knowingly offend anyone."

The teddy bear ordeal began in September when Gibbons, who taught at one of Khartoum's most exclusive private schools, started a project on animals and asked her class to suggest a name for a teddy bear. The class voted resoundingly for Muhammad.

Fuel Bill Is Scrutinized, Even as Bush Threatens Veto

By Matthew L. Wald

THE NEW YORK TIMES

WASHINGTON

Gas mileage would go up under the compromise reached by congressional leaders last week, but not as high as the trumpeted numbers. And despite the tougher 35-mpg standard, a growing population of drivers would push up total fuel use, as well as greenhouse gas emissions — but not as rapidly as it would without the legislation.

Those are some of the conclusions of auto policy experts, who were still struggling Monday to determine exactly what the proposal would do, even as President Bush threatened to veto the energy legislation, still under negotiation, that includes these provisions.

The fleet average for vehicles in the 2020 model year would be set at 35 miles a gallon, versus about 25 miles a gallon for cars and light trucks today. Both numbers, though, come with a familiar caveat: Actual mileage may vary.

In fact, the actual performance falls short of the current standard by about 20 percent, as would be true as well of the higher standard if the proposal becomes law.

Manufacturers will be encouraged to keep selling cars that can burn rich mixtures of ethanol with gasoline, even where there is no place to buy it. The compromise phases out the credit for building "flex fuel" cars more slowly than current law does.

The compromise establishes a combined standard for cars and light trucks, as opposed to the current system, while also shifting the structure of the rule from a simple average of all car models or all light truck models to an "attribute-based" system.

High-Living Hedge Manager's Widow Accused in His Death

By Andrew Ross Sorkin

THE NEW YORK TIMES

JUPITER, FLA.

A life of private jets and black-tie balls ended with Seth Tobias, a wealthy investment manager and a familiar presence on CNBC, floating face down in the swimming pool of his mansion here.

It was just after midnight on Sept. 4 when Tobias' wife, Filomena, frantically called 911. "Please send somebody, please!" Tobias screamed. "He's not breathing!" By the time the police arrived, she had pulled her husband's body to the edge of the pool, where she cradled his head in her arms, sobbing.

Seth Tobias, who was 44 years old, had apparently suffered a heart attack, his brother Spence said at the time. The police did not consider his death suspicious.

But now an unfolding drama over Tobias' estate is providing a lurid account of fast money and faster living in the volatile world of hedge funds. Tobias' four brothers and Filomena Tobias are locked in a legal battle over the estate, which is worth at least \$25 million. And, in a civil complaint, they have gone so far as to accuse her of murder.

The brothers, Samuel, Spence, Scott, and Joshua, claim Filomena Tobias drugged her husband and lured him into the pool. Bill Ash, a former assistant to Seth Tobias, has told the police that Filomena Tobias confessed to him that she had cajoled her husband into the water while he was on a cocaine binge with a promise of sex with a male go-go dancer known as "Tiger."

Filomena Tobias' lawyers call the claims outrageous. She has not been accused of any crime.

Diocese in Iowa Settles Sex-Abuse Claims for \$37 Million

By Dan Frosch

THE NEW YORK TIMES

The Roman Catholic Diocese of Davenport, Iowa, has reached a \$37 million settlement to compensate victims of sexual abuse by clergy members and let the diocese emerge from bankruptcy, the two sides announced Monday.

The money will be divided among 156 people who say they suffered sexual abuse by priests and lower-level employees dating from the late 1930s. Part of the settlement will be set aside for victims who may still come forward.

The diocese is the last of five to reach such a settlement after filing for bankruptcy rather than face what would probably be a deluge of suits.

Under the accord, victims will be allowed to speak about their experiences at parishes and through articles in the diocesan newspaper. The newspaper will also publish the offenders' names.

David Clohessy, the national director of the group Survivors Network of Those Abused by Priests, said the wide range of noneconomic proposals for the Davenport victims was unusual.

"In most settlements, church officials fight tooth and nail to oppose any reforms," Clohessy said. "This is a hard-won, long-overdue victory for dozens of deeply wounded but brave victims."

Imus Is Back, Chastened But Still Proudly Obnoxious

By Jacques Steinberg

THE NEW YORK TIMES

Nearly eight months after being fired for making a racially and sexually disparaging remark about the Rutgers women's basketball team, Don Imus returned to the radio at 6 a.m. on Monday and vowed he would not say anything like it again.

He also introduced two new cast members, Karith Foster and Tony Powell — both black and both comedians — and said they would join him in conducting "an ongoing discussion about race relations in this country."

"I will never say anything in my lifetime that will make any of these young women at Rutgers regret or feel foolish that they accepted my apology and forgave me," Imus told a live audience at Town Hall in midtown Manhattan and those listening to WABC-AM, his new radio home. "And no one else will say anything on my program that will make anyone think I did not deserve a second chance."

Still, in many ways it felt as if the clock had been turned back to before last April, when Imus made his remark and was fired by CBS Radio and MSNBC, which had simulcast his program on cable television.

OPINION



Chairman

Michael McGraw-Herdeg '08

Editor in Chief

Angeline Wang '09

Business Manager

Cokie Hu '08

Managing Editor

Austin Chu '08

NEWS STAFF

Editors: Valery K. Brobbey '08, Nick Semenkovich '09, Joyce Kwan '10; **Associate Editors:** Yi Zhou '09, Nick Bushak '10, JiHye Kim '10; **Staff:** Waseem S. Daher G, Curt Fischer G, Ray C. He G, John A. Hawkinson '98, Hanhan Wang '07, Jiao Wang '08, Daniela Cako '09, Mei-Hsin Cheng '09, Gabriel Fouasson '09, Hannah Hsieh '09, Diana Jue '09, Ji Qi '09, YINUO Qian '09, Kirtana Raja '09, Yuri Hanada '10, Swetha Kambhampati '10, Apoorva Murarka '10, Manisha Padi '10, Joanne Y. Shih '10, Arkajit Dey '11, Jeff Guo '11, Ryan Ko '11, Natasha Plotkin '11; **Meteorologists:** Cegeon Chan G, Jon Moskaitis G, Michael J. Ring G, Roberto Rondanelli G, Scott Stransky G, Brian H. Tang G, Tim Whitcomb G, John K. Williams G, Angela Zalucha G, Garrett P. Marino '08, Mike Yee '08.

PRODUCTION STAFF

Editor: Jessica Witchley '10; **Associate Editors:** K. Nichole Treadway '10, Steve Howland '11; **Staff:** Yue Li '11, Mark Yen '11.

OPINION STAFF

Editor: Aditya Kohli '09; **Staff:** Josh Levinger '07, Justin Wong '07, Ali S. Wyne '08, Krishna Gupta '09.

SPORTS STAFF

Editor: Caroline Huang '10; **Staff:** James Zorich '08, Albert Ni '09.

ARTS STAFF

Editors: Jillian A. Berry '08, Sarah Dupuis '10; **Staff:** Bogdan Fedeles G, Kapil Amarnath '07, Tony Hwang '07, Andrew Lee '07, Alice Macdonald '08, Tyson C. McNulty '08, Tina Ro '10.

PHOTOGRAPHY STAFF

Editors: Ricardo Ramirez '09, Eric D. Schmiedl '09; **Associate Editor:** Omari Stephens '08; **Staff:** Alex H. Chan G, David Da He G, Dmitry Kashlev G, Andrew T. Lukmann G, Martin Segado G, Scott Johnston '03, Perry Hung '08, Christina Kang '08, Arthur Petron '08, David Reshef '08, David M. Templeton '08, Ana Malagon '09, Peter H. Rigano '09, Jerzy Szablowski '09, Diana Ye '09, Daniel P. Beauboeuf '10, Mindy Eng '10, Helen Hou '10, Catherine Huang '10, Bea Jarrett '10, Samuel E. Kronick '10, Diane Rak '10, Andrea Robles '10, Aaron Sampson '10, Jongu Shin '10, William Yee '10, Kari Williams '11, Sherry Yan '11.

CAMPUS LIFE STAFF

Editor: Marie Y. Thibault '08; **Staff:** Charles Lin G, Bruce Wu G, Kailas Narendran '01, Elizabeth Zakszewski '06, Victor Cabral '07, Janet S. Lieberman '07, Matt Zedler '07, James Scott Berdahl '08, Michael T. Lin '11; **Cartoonists:** Scott Burdick G, Daniel Klein-Marcusamer G, Roberto Perez-Franco G, Emezie Okorafor '03, Nancy Hua '07, Jia Lou '07, Andrew Spann '07, Ash Turza '08, Danbee Kim '09, Roxana G. Safipour '09.

BUSINESS STAFF

Advertising Managers: Neeharika Bhartiya '10, Ritu Tandon '10; **Operations Manager:** Michael Kuo '10; **Staff:** Jeffrey Chang '08, Tai Ho Kang '08, Jennifer Chu '10, Kevin Wang '10, Heymian Wong '10.

TECHNOLOGY STAFF

Director: Shreyes Seshasai '08.

EDITORS AT LARGE

Contributing Editors: Rosa Cao G, Brian Hemond G, Benjamin P. Gleitzman '09; **Senior Editor:** Satwiksai Seshasai G.

ADVISORY BOARD

Paul E. Schindler, Jr. '74, V. Michael Bove '83, Barry Surman '84, Robert E. Malchman '85, Deborah A. Levinson '91, Jonathan E. D. Richmond PhD '91, Saul Blumenthal '98, Frank Dabek '00, Daniel Ryan Bersak '02, Eric J. Cholankeri '02, Jordan Rubin '02, Nathan Collins SM '03, Keith J. Winstein '03, Akshay R. Patil '04, Kelley Rivoire '06, Beckett W. Sterner '06, Marissa Vogt '06, B. D. Colen.

PRODUCTION STAFF FOR THIS ISSUE

Editors: Austin Chu '08, Michael McGraw-Herdeg '08, Steve Howland '11; **Staff:** Yue Li '11.

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). **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) 258-8324. Facsimile: (617) 258-8226. *Advertising, subscription, and typesetting rates available.* Entire contents © 2007 *The Tech*. Printed on recycled paper by Charles River Publishing.

Corrections

A photograph printed on page 11 of the Nov. 8, 1968 issue of *The Tech* misidentified semifinalist candidates for junior prom queen. The photograph labelled Jane Goodwin is actually of Barbara Siebert (now Barbara Siebert Titelbaum), according to Siebert. The photograph labelled with Siebert's name is not of her. Attempts to reach Goodwin have been unsuccessful.

In the Nov. 30, 2007 In Short section on page 1, the name of the Next House president was spelled incorrectly. He is Franklyn F. Lau '08, not Lao.

Letters To The Editor

UA Striving Toward Transparency

We are grateful to David Sheets '09 for conveying his thoughts on the Undergraduate Association ("UA Needs Transparency," Nov. 30, 2007). However, that he would take the time to criticize a body that he believes is "continu[ally]" and "consistent[ly]" irrelevant suggests that it is anything but.

We begin by issuing two concessions:

First, we acknowledge that the UA's Web site has not been updated as expeditiously as it should have been. However, we have been moving swiftly to redress this state of affairs. On Nov. 5, the UA Senate held a discussion session on the topic of visibility and representation; one of the major topics that was addressed was our Web site. On Nov. 26, Senate convened an information session with our chief of information technology, Mason Tang '10, and conveyed to him the importance of restoring its functionality and accuracy in a timely manner. We expect these updates — which will include sections for agendas, minutes, pending legislation, and past legis-

lation — to be complete by the beginning of next term.

Second, we recognize that the UA needs to do a better job of publicizing its efforts. Again, however, we have been taking proactive measures:

Anyone can join ua-discuss@mit.edu to receive Senate meeting agendas and minutes.

The UA holds office hours every Friday on the first floor of the Student Center.

The UA Executive Committee holds "traveling exec meetings" in a new living group every week. We have visited Simmons Hall, MacGregor House, and Senior House thus far. All undergraduates are invited to attend.

We have started to publish monthly newsletters that summarize our progress and offer ways for students to become involved with the UA's work (the first one was released on Nov. 13).

The UA Public Relations Committee recently hosted DormStorm at locations across campus, including Baker House, East Campus, Next House, Simmons Hall, the Student Center, and the SafeRide turnaround.

The UA Nominations Committee has established a precedent by convening town hall

meetings where student representatives to Institute committees discuss the work that those committees are completing.

Furthermore, the UA has e-mailed undergraduates several times with surveys, requests for feedback on student life issues, and invitations to become involved in our work. Senators also offer a direct way for students to voice their concerns and opinions.

After criticizing the UA's visibility, Mr. Sheets proceeds to argue that the UA should "spend its time doing what it was chartered to do: represent students." The convenience of this claim is that it can be issued regardless of the work that we complete or initiatives that we undertake. Ultimately, however, it is vacuous — it is noteworthy that he does not specify a single specific issue that we are neglecting to address. There is much that remains to be done, and there are, as always, many ways in which we can better serve students. We invite Mr. Sheets and any others who aim to enhance undergraduate student life at MIT to join us as we undertake this work.

Martin F. Holmes '08 and Ali S. Wyne '08
Undergraduate Association President
and Vice President



Opinion Policy

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Michael McGraw-Herdeg, Editor in Chief Angeline Wang, Managing Editor Austin Chu, Opinion Editor Aditya Kohli, and Contributing Editor Rosa Cao.

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. Letters, columns, and cartoons may also be posted on *The Tech's* Web site and/or printed or published in any other format or medium now known or later that becomes known. *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 general@the-tech.mit.edu, and it will be directed to the appropriate person. You can reach the editor in chief by e-mailing eic@the-tech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@the-tech.mit.edu. Letters to the editor should be sent to letters@the-tech.mit.edu. The Tech can be found on the World Wide Web at <http://www-tech.mit.edu>.

CAMPUS LIFE

Squid vs. Whale

Treasuring Junk Food

By Charles Lin
STAFF COLUMNIST

I was browsing through *The New York Times* at lunch last week when I ran into this article: "Effort to Limit Junk Food in Schools Faces Hurdles." Apparently with kids getting fatter, our government felt forced to ask the question, "Are our children eating too much junk food?" And with the answer being a resounding "Yes," they're thinking of banning junk food from schools.

Now I understand where the government's coming from on this one. If our children are too fat, they're going to get left behind in gym class, and we clearly can't leave any child behind. But at the same time, really? Really? You can't take away junk food from small children! It's an essential part of growing up. Where would we be as a society without junk food?

As kids, we learned so many life lessons from eating junk food. Handi Snacks and Dunkaroos taught us the importance of not over dipping, a lesson that translated so well to the salsa bowls of cocktail parties later in life. We learned the joy of instant gratification from shoving the entire Fruit Roll Up into our mouths at once. And

on the flip side, we learned about bitter disappointment from the over-hyped introduction of the great white Gummi Shark. We learned from Mr. Freeze that red, orange, purple, and green are indeed flavors.

And let us not forget the most influential junk food of them all. Without pop rocks and soda, we would never have learned about double dog dares, chemical reactions, and the fact that liquid can come out of your nose. (OK fine, milk played a part in teaching that last point as well.)

But now the government wants to get rid of junk food, and at the rate they're banning fun things (M80s, junk food, toy guns, Aqua Dots, lawn darts), I won't have anything left in common with my grandkids. From their plastic safety bubbles, they'll think granddad spent his childhood as some sort of reckless hick who was always busy trying to get himself killed. Granted I thought that about my grandfather, but that's only cause he was always busy trying to get himself into wars and stuff.

The thing that really gets me is that junk food isn't really all that responsible for the rising rates of childhood obesity. Think about it. If junk food in schools is really responsible for kids getting

fatter, how do you explain the last 50 years when kids ate junk food all the time and didn't get fat? When we were kids, everything we ate was full of sugar and fat. That's what kids do. They load up on sugar and fat, run around like manic little munchkins, and then pass out on mats (oh nap time, how I miss you).

What's missing is the whole running around like manic munchkins part. That's what's causing kids these days to pile on the pounds. Kids exist in a delicate equilibrium of sugar intake and hyperactivity. Usually one leads to another, but now it seems that the sugar goes in and the kids don't spaz out. I just don't get it.

I don't want to sound like a cantankerous old coot, but kids these days! Way back in the 1990s when I was a youngster, all I ever wanted to do was run around and make forts in the woods. What's keeping kids from doing that these days? Is it the constant medication and video games?

I liked video games and all, but they were never so fun that I'd pass up a day outside. I mean sure, rainy days were dedicated to Mario, but that was about it. Maybe it's just that video games are so much better these days. Is it pos-

sible that video games have surpassed real life in terms of entertainment value?

Now that I think about it, I do have an MIT friend who'd rather play old video games than go outside. If old video games are more fun than MIT, maybe new video games are more fun than real life. If that's the case, in order to save junk food, we have to find a way to turn playing video games into exercise.

Isn't playing the Wii a complete workout? Well that's got to be the solution to all of America's problems. I'm thinking two hours of mandatory Wii Sports for school PE. Kids will almost certainly want to play a pseudo physical version of a sport rather than the real thing. Why just the other day, I saw a pair of MIT students playing Wii air hockey when a real air hockey table was right behind them.

Plus I'm sure the government will love it. Once they've gotten rid of junk food, they can use the Wii to begin their assault on contact sports. They can get rid of all those dangerous liability ridden sports and replace them with their Wii versions. Nothing says non-contact like Wii Dodge Ball.

You're still getting picked last though.

Brouhaha Rhythm

Uprooting Wallflowers

By Michael T. Lin
STAFF COLUMNIST

Many people at MIT are nerdier than most, and some have and continue to spend hours at a time playing video games instead of talking to anything with a pulse. So, it's self-explanatory that social skills, at least among us freshmen, may be a smidgen underdeveloped. As impressive as our LANs are, we are not, by and large, a party school. By that, I mean that when people hear "MIT," they generally don't think of us as the "Planet of the Witty, Friendly, and Appropriately Hygienic Students" so much as they do the "Planet of the Slide-Ruling Apes." Tragic, no?

Of course, I don't mean to slight the underrated social opportunities here. I've had fun at plenty of events here, from dances to mix-

ers to barbecues in places as widely varied as the Senior Haus basement, the Simmons Hall basement, and the Stata Center basement. Just because the activities are part of a giant conspiracy (as my two regular readers will remember) is no reason not to have a good time. Yet the ability to interact comfortably among strangers without making them proportionally uncomfortable is not a skill with which most of us were born. I like to believe that I'm better at mingling than most, but as is usually the case with male egocentrism, I'm probably wrong.

I'm tempted to distribute pointers on smooth introductions, but I probably shouldn't, for three reasons. One is that I'm about as smooth as the morning Tech Shuttle ride. Another is that I don't write an advice column; I

write a humor column, or at least I would if it were funny. The third is that I don't even know whether or not those of you reading this even need my help.

Clearly, I should let someone more qualified be the one to bring everyone up to speed on social skills. Then again, what I should do and what I end up doing rarely coincide, so I'm going to allow myself just one indulgence. If you think of yourself as being socially adept enough to be the ideal protagonist for an MIT-located threquel to "Legally Blonde," feel free to skip the next paragraph.

"Confident" is the happy medium, the visible light portion of the spectrum of self-esteem. Nobody likes a narcissist. Nobody likes a whiner — Anakin Skywalker, I'm talking to you. The implication is that sitting in a corner

and waiting to be approached probably won't do the trick, unless your name is Helen of Troy. Interjecting yourself into the conversations of every passerby, though occasionally effective, has a somewhat unfavorable risk-consequence balance. You might make new friends, or you might get funny looks, depending on how tactful you are and what kind of shindig you're attending.

I realize that doesn't leave a whole lot of options, but social interactions are much more entertaining when people don't know exactly what to do. It seems only right to let you figure out some things on your own. Besides, that was the extent of my knowledge on the matter. Now, if you'll excuse me, I'm going to interject myself into the Rockband session across the hall. I'll let you know how it goes.

Through My Eyes

The Little Things Matter

By Christina Kang
STAFF COLUMNIST

Known as "Asians," Indians make up a significant part of the East African population. Though the minority, their culture has been strongly integrated into the East African culture. Considering themselves Asian-Africans, the Indian community in Kenya are well-respected and mostly in the higher economic class. Though I did not interact with any Asian-Africans in Kenya, the integration of the two cultures was obvious. However, I should say, the differences were pronounced and some environmental factors were almost the opposite of what they were in India.

One major difference between India and Kenya is the abundance of meat in Kenya. Immediately after arriving at the Upperhill campground on the outskirts of Nairobi, Mario A. Bollini '09, Samir, and Phillippe, took me out to dinner. As soon as I walked into the open air restaurant with a live band (like so many others in Kenya), I saw animal carcasses hanging from the walls. The boys asked for goat meat in kilos, and the butcher hacked off the right amount with a machete. It was cooked on the bone and brought to our table, where it was again cut into smaller pieces. Yes, with a machete.

Goat meat is eaten with ugali, a mixture of corn flour and water, which is massaged like Play-Doh and used to pick up a piece of meat and some fresh salsa. Silverware is nonexistent. I had never had goat meat before, and while it does not taste like chicken, it was absolutely delicious.



Tea time at the hand-powered tricycle workshop at the main Nairobi branch of the Association for the Physically Disabled of Kenya is always full of laughter and delicious milk tea.

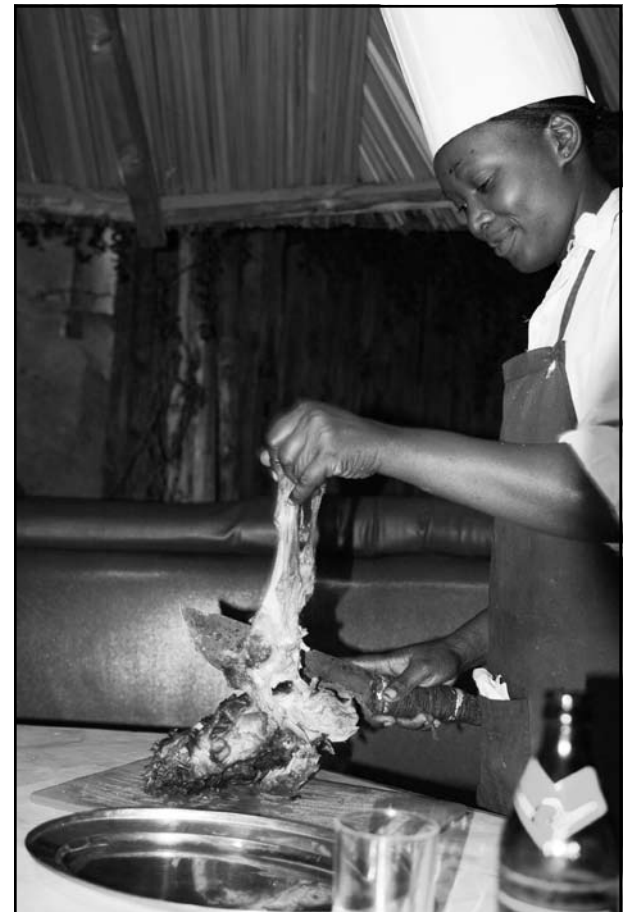


Chapati, a type of Indian bread enjoyed in South Asia and East Africa, is served with a hard-boiled egg — Kenyan style.

The meat took a while to cook, and while we waited hungrily, my friends remembered the amazing samosas at the restaurant and ordered some. The restaurant was out, so they made them fresh just for us. I was expecting aloo (potato) samosas, like those I had in India, and so was surprised to find that these samosas were filled with goat meat. We squeezed a green lemon (citrus fruits are the opposite colors of those in the United States — limes are yellow and lemons are green) into the samosa and took a bite. Fantastic! After a vegetarian diet during my two weeks in India, the meat satisfied the angry carnivore in me. It seems nearly impossible to be a vegetarian in Kenya.

The weather in Kenya was also a nice change from India's hot, humid weather. The mornings and nights were cold with about 40–50°F weather while the daytime was chilly but refreshing. The cooler weather allowed me to spend my free time outside without fear of heatstroke. My three new friends and I enjoyed Samir's traditional Kenyan cooking, as well as other meals that I concocted. I was actually able to leave the campground after nightfall because I was with three armed men. Phillippe always carried a machete, Samir a knife, and Mario his pocket knife. Since the crime rate is high in Nairobi, safety was a serious concern even for the males.

The Association for the Physically Disabled where Mario was working was two bus rides away, and we woke up early to get to the workshop by 9 a.m. We had tea time as in India, and a local woman came by every day to sell her



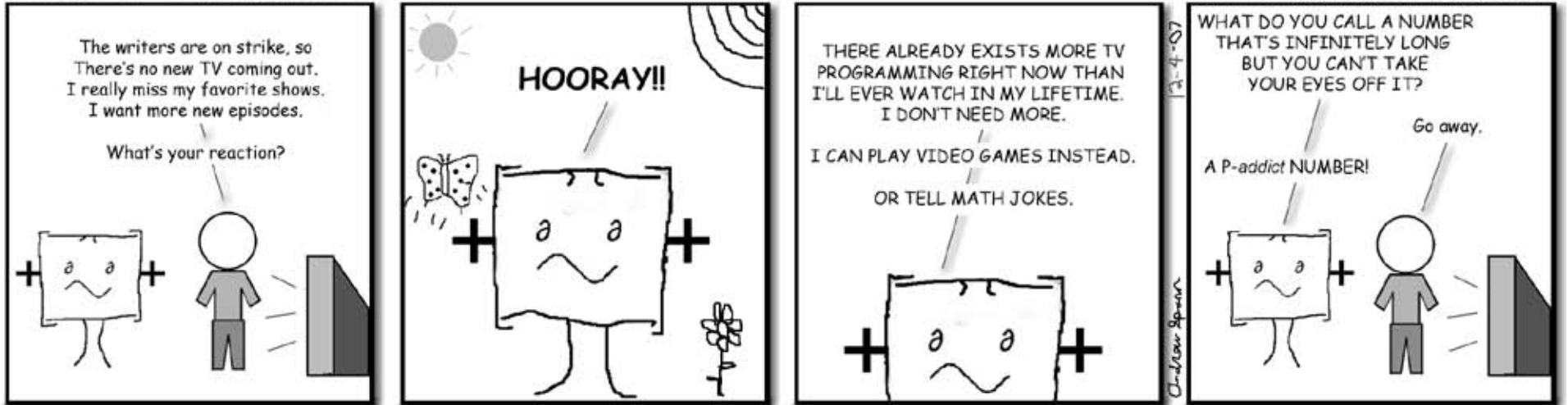
A cook chops goat meat with a machete in an outdoor booth in Nairobi, Kenya.

homemade samosas and chapati. Though I had chapati frequently with meals in India, in Kenya I ate it as a tea-time snack with a hard-boiled egg folded into it with a sprinkle of salt. Tea time was a great relaxing time where everyone stopped working to sit back and tell stories while enjoying tea made with hot milk and spoonfuls of sugar, made the same way as in India.

The world is a big place, and the differences interesting and exciting to discover, but little details can connect it together, making it seem like one warm community. In Tanzania, my host family was Asian-African, so I will go into more of their roles in

PROOF OF FALSE

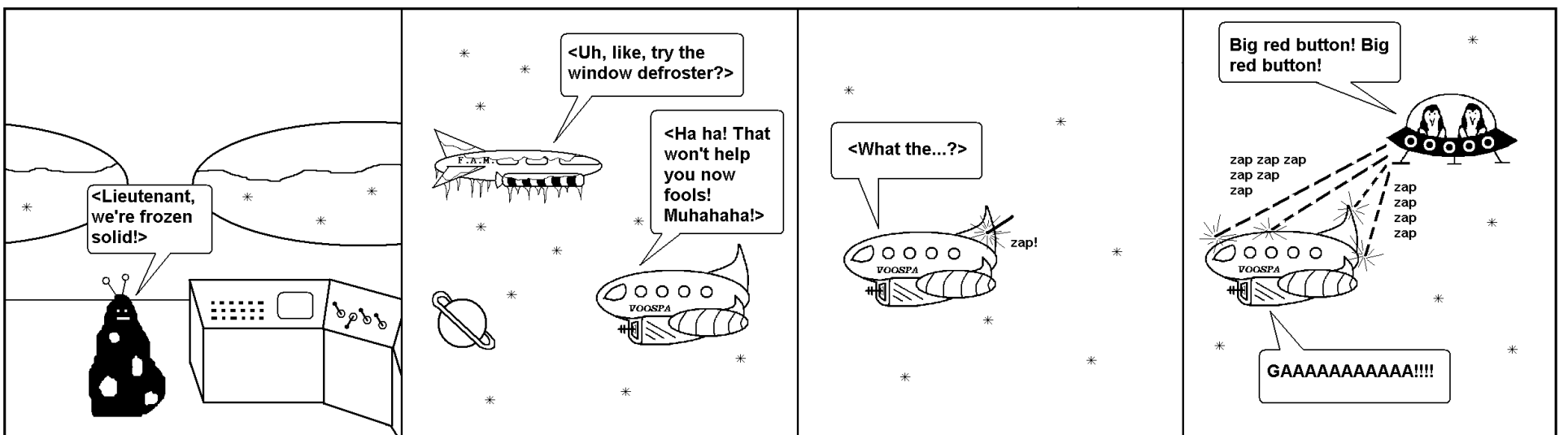
by Andrew Spann



Proof of False Archive: <http://web.mit.edu/spann/Public/ProofofFalseComic/>

OVNI

by Roxana Safipour



Cipher in My Cereal

by Danbee Kim

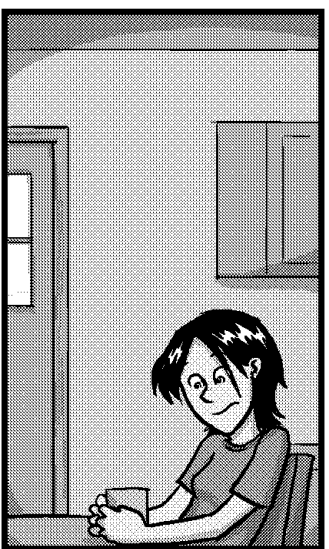
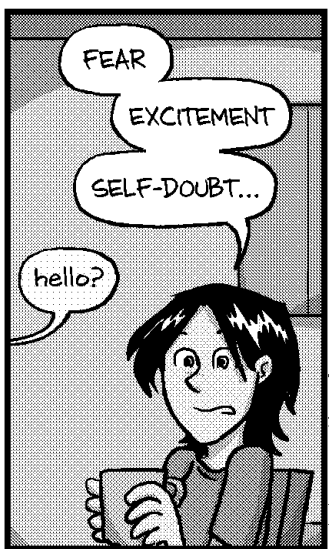
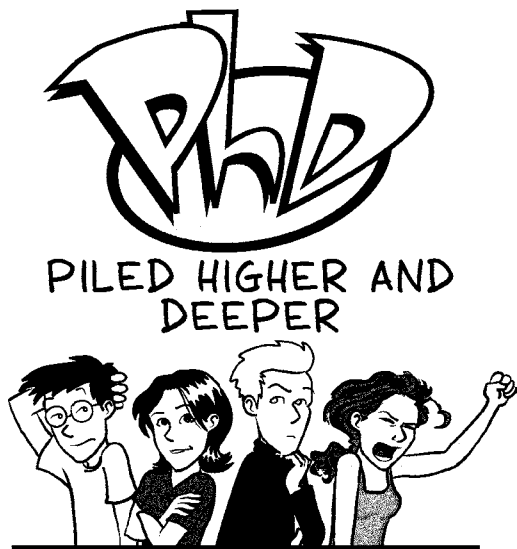
Solution to Nov. 27 Cipher: William Barton Rogers, founder of MIT; BEAVER PRIDE

Nietzsche once told me that Zarathustra had three names.
 In this child's play, there are no repeats or hesitations ... I anagrammed a blue drink.
 If you find an acronym in the second word, they might give you a prize.
 All I wanted to do was work in a laboratory, but I realized I had to change the channel.
 What channel do I need?

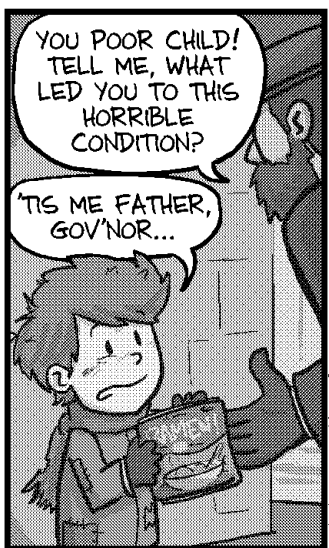
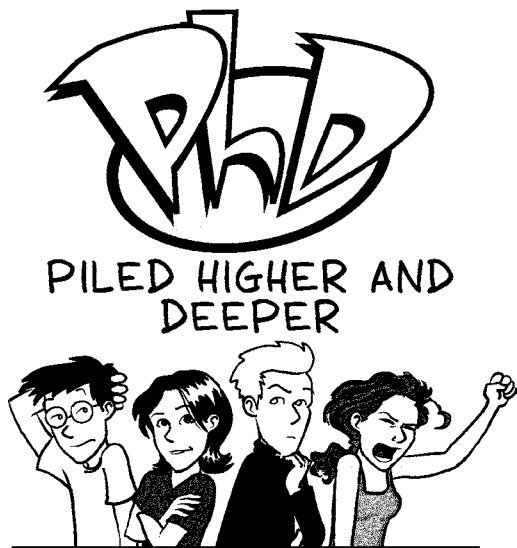
Solution in next Tuesday's issue.

Doonesbury
 BY GARRY TRUDEAU

Dilbert® by Scott Adams



WWW.PHDCOMICS.COM



WWW.PHDCOMICS.COM

Crossword Puzzle

Solution, page 13

ACROSS	37 Casino employee	1 Like Olympics competitors	27 Overplay the TLC
1 Roofed passageway	41 One and one, side-by-side	2 Study of matter flow and deformation	29 Sliding ride
7 Ghost costume feature	45 Photographer Arbus	3 Sweet chewy candies	32 Unctuous
15 Noblemen like Macbeth	46 Qty.	4 Unknown auth.	34 Primary
16 Holy smoke!	49 ___ of the guard	5 Believer in God	36 Soccer pair?
17 Valiant	51 Stocking shade	6 Shun	38 City on Lake Geneva
18 Carves	52 Cutting remark	7 "Self-Reliance" author	39 Imperil
19 Usurer	54 Ate the evening meal	8 Bronx nine	40 Types in data, again
21 Lifeless	56 ___ Jose	9 Part of the U.K.	42 Record of an expense
22 Horror film street	57 Honker	10 Last name in spydom	43 Female ruler
23 Became stiff	59 Crackling	11 Man who played Chan	44 Scuff
25 Medicinal quantity	61 Strip	12 Continue to exist	46 Laughably foolish
26 Drove a nail obliquely	63 Exact satisfaction for	13 Greatly	47 Bearing
28 Suitors	64 Reworks old material	14 Sonnet part	48 Medicinal lozenge
30 Ready or ____	65 Almost a ringer	20 Small Celebes buffalo	50 Katmandu language
31 Ice house	66 Wardrobe assistants	24 Scot of a famous case	53 Gaucho's devices
33 Sainted founder of Scholasticism	67 Time wasters		55 Plunged downward
35 Of the gall bladder			58 Sleep restlessly
			60 Bluish green
			62 Definite article

1	2	3	4	5	6	7	8	9	10	11	12	13	14
15								16					
17								18					
19						20			21				
22			23					24		25			
26			27		28				29		30		
31				32		33				34			
35					36			37			38	39	40
			41			42	43	44		45			
46	47	48		49					50		51		
52			53		54				55		56		
57				58		59					60		
61					62				63				
64									65				
66										67			

su | do | ku

© Puzzles by Pappocom

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.

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

HANUKAH MENORAH LIGHTING

Wednesday, December 3
5:00 p.m. Lobby 7

Featuring

- MIT Hillel's "Test Tube Menorah"
- Community Singing

Sponsored by MIT Hillel
617 253 2982 hillel@mit.edu

If you have any brains at all, you'll be aware of the danger of depression.

Depression is a suppression of brain activity that can strike anyone. It's powerful, it's constant, and it makes life unbearable. It's also readily, medically treatable. And that's something everyone should know.

#1 Cause of Suicide

UNTREATED DEPRESSION

<http://www.save.org>

This space donated by The Tech

Library resources are awake when you are

Whether you're cranking out a paper at 3 a.m. or just need a late-night change of scenery—wake up and discover the sweet resources of the Libraries.



libraries.mit.edu

Aero/Astro 33-111
Barker Engineering 10-500
Dewey E53-100

Hayden 14S
Humanities 14S-200
Lewis Music 14E-109

Lindgren 54-200
Rotch 7-238
Science 14S-100



MIT Dance Troupe

against the Music

December 6th-9th
Little Kresge Theater

Thursday, 12/6 at 8pm
Friday, 12/7 at 8pm
Saturday, 12/8 at 4pm** & 8pm
Sunday, 12/9 at 2pm

**featuring MIT Ridonkulous

Buy your tickets at
the Student Center!

Funded in part by the
Council for the Arts at MIT



Big Image Car Ideal Debut for New System, Bose Says

Engineers Still Working Toward Making Bose's Newest Suspension System Smaller and Less Expensive

Bose, from Page 1

sion uses sensors to detect wheel motion, and proprietary electromagnetic motors to instantaneously adjust wheel position. The wheels move and absorb the bump, with almost none of the energy being transmitted to the body. To the driver, the effect is like riding a magic carpet.

The electromagnetic motors use switching amplifiers similar to ones Bose first developed at MIT in 1960. The trick was to make them fast — so they could respond in the nanoseconds as a car hits a bump at high speed — and to make them powerful, to counteract the tremendous forces at play within a car's wheels.

Bose Corp. hasn't yet let a journalist drive the 1995 Lexus LS400 fitted with its suspension system. Instead, it puts on a demonstration in the employee parking lot that is half solemn engineering display and half carnival side show.

First, a company driver puts an unmodified black Lexus through a course of bumps, a short slalom through cones, and an emergency stop. The car wobbles through the bumps. It heaves around the cones. And the front end dips precipitously during the short stop.

Then, the Bose-fitted car — it's painted white — appears at the far end of the parking lot. It goes through the same paces. But the car's body stays perfectly level. The wheels jump up and down wildly over the bumps, and the car moves serenely along, as if there were no connection between the wheels and the body.

For comparison, a Bose driver takes a Porsche Cayman through the same routine. If anything, the Porsche's body bounces around the most, because its "sporty" suspension is so stiff. You can see the driver thrown violently about in his seat as the car traverses the bumps.

For a grand finale, Bose engineers play a trick. They lay a two-by-four across the lane, and say the Lexus with the Bose suspension will perform an emergency stop. The car approaches the obstacle at about 40 miles per hour, but it doesn't slow down. Instead, the wheels jump nimbly over the obstacle. The Bose system has made a car fly.

It's a crowd-pleaser, and it underscores the remarkable capabilities of the suspension system, even if it leaves an observer feeling manipulated. The well-oiled patter of the engineering staff makes clear they've performed this exercise hundreds of times before similar

audiences.

"This is a fascinating technology," said John Wolkonowicz, automotive analyst with Global Insight Inc., a forecasting and market research firm.

"This would work on a car that's expensive enough, with a company that's looking for ways to distinguish itself."

Bose said that as he pondered the suspension problem, he thought the dynamics of vehicle behavior could be represented mathematically. He built a set of custom calculations to model the problem, and discovered that a solution would dramatically improve vehicle behavior. So he set up a secret internal team, dubbed it "Project Sound" to throw off internal speculation, and started building prototypes in the garage of one of his vice presidents who lived one town over from the company headquarters.

Engineers are still working to make the system smaller and less expensive. One obstacle is the price of neodymium, an iron ore mined largely in China that produces extraordinarily powerful magnets. "We need a lot of it," said Bose. There's also a powerful computer processor, but Bose is convinced the price for that unit will come down over time,

as is typical with electronics.

Where will it debut? The Bose suspension system faces unique challenges. It's a key component of a vehicle in an industry that is extremely suspicious of anything not developed internally. Moreover, the first car company to use it will be risking the success of a model — and possibly its reputation — on the performance of technology unproven in the market.

Industry analysts speculate the system could work well on a big image car — a top-of-the-line model that projects a "halo" effect on the rest of the model line. Wolkonowicz suggested a range-topping, \$100,000 Cadillac sedan expected to debut in about four years.

Bose said a high-end Cadillac would be an ideal platform for his system, and acknowledges that General Motors gave Bose Corp. a big boost when it became the first car company to install its sound system (in a Cadillac) in 1981. But though the suspension system was a success when it was demonstrated to General Motors, he said, talks haven't progressed.

"When we get ready, we'll give them an opportunity," he said.

Another possibility, according to analysts, is Audi, the luxury arm

of Volkswagen AG, Europe's largest automaker. Audi offers Bose sound systems on its models, and its large A8 luxury sedan has a reputation for employing advanced technology — it has an aluminum frame, unique among large cars.

"We've shown the system to all of the major manufacturers and Audi has not expressed much interest at this point," said Bose.

And what about Citroën?

The French carmaker is now a division of Peugeot SA, but it still produces cars with the remarkable hydropneumatic suspension and enjoys a reputation for suspension wizardry.

Bose admits he hadn't even thought of Citroën until a group of French reporters came to Framingham for a demonstration last year, and he doubts the company would take a risk with the new system.

Some of the strongest interest to date, Bose said, has come from automakers with more interest in sport utility vehicles than passenger cars.

What about letting a reporter drive the white Lexus?

Bose said that will have to wait, but he said it will be worth it.

"Boy, do you feel a difference," he said. "There is a wow factor like you can't believe."

From the guys who brought you
THE 40-YEAR-OLD VIRGIN and KNOCKED UP



"AN UPROARIOUS AND TOUCHING PICTURE."

—David Basby, *The New Yorker*

Exclusive to Blu-ray™ Disc!
SUPERBAD "SUPERMETER"
BONUS FEATURE keeps tally of the lewd
and crude lingo in the film

UNRATED

Text "getsome" to 94444 to get
a **FREE Superbad ringtone!**

Standard text messaging charges apply. Terms and Conditions apply. May not be available from all service providers or to all handsets. Offer valid until 1/31/08.



ON 2-DISC DVD AND BLU-RAY™ HIGH-DEF DEC. 4TH
Includes **More Movie** and **Over 2 Hours of Outrageous Special Features!**

© 2007 Columbia Pictures Industries, Inc. All Rights Reserved.
© 2007 Layout and Design Sony Pictures Home Entertainment Inc. All Rights Reserved.



Got a lot on your mind?
Share some thoughts with us!
Write for Campus Life.

join@tech.mit.edu



SEBASTIANS

Work off that turkey special!

Boston magazine's 2007 Best of *Boston*® Award
Best Salad Bar, Sebastians Café



**\$5.00
Salad
Special!**

**All Made-to-order salads at Sebastians
are just \$5.00! **Premium toppings are additional****

This offer is valid 12/3 - 12/14 at Sebastians 7 Cambridge Center Cafe
(Corner of Ames & Main Street) only.

NEW organic egg omelet bar now available!

Try us out for catering!

617.758.0112

www.sebastians.com

RBA Program Change Will Push Up REX Timetable

RBA, from Page 1

seems to work for McCormick.

"We'll wait to see what happens with Next House and go one step at a time," McCormick Housemaster Charles H. Stewart III said. "[The way] we're doing RBA in McCormick has worked for seven years. ... We've trusted our experience. Next House has trusted their experience."

Few students want to leave McCormick, said Robin Smedick, assistant director of undergraduate housing. "There's usually the opposite problem," Smedick said. "More people want to live in McCormick than there are spaces."

Grace Yao '11, Undergraduate Association Senator for McCormick, said the interest in having the lottery option at McCormick "was mostly because residents felt in principle that it's only fair that they be allowed the same options as everyone else, not because they were unhappy about living here."

Norman said the UAAP worked with Housing to do a complete analysis of the freshman housing process to determine whether or not Next House's request could be accommodated. "We found that with

minor tweaking of the Orientation schedule, we can make this happen," Norman said.

Freshmen will now be required to arrive on campus a few hours earlier than in the past, by noon on Saturday of Orientation week, Norman said.

The Readjustment Lottery will close two-and-a-half hours earlier, at 4 p.m. on Tuesday, because students moving in and out of Next House will need to be assigned new advisors. In anticipation of these last minute advising changes, there will be an excess of traditional advising spots in both Next RBA and traditional advising to accommodate the students who move, Norman said.

"Any student who is in a seminar will have to transfer into traditional advising," Norman said, so students will have to weigh whether housing or an advising seminar is more important to them.

Students will know the results of the lottery on Wednesday of the week of orientation at approximately 6:30 p.m. and can meet with their new advisors the next day to register for classes.

According to Smedick's assessment of the last few years' data, Norman said, very few freshmen entered

the Readjustment Lottery in the last few hours because most students were at Orientation programs during that time. Thus, the change is "not a time lost for students," Norman said.

Students will probably be less opposed to ranking Next House in their top choices "knowing they'll have the option to move out if they choose to," Smedick said. This

change should result in a larger percentage of students receiving one of their top three dormitory choices in the Summer Housing Lottery, she added.

In the past, approximately 15-23 percent of eligible students have entered the Readjustment Lottery. While it is difficult to estimate how many Next House students will enter

the lottery, Smedick said, "we don't anticipate a huge impact on the overall system." The logistical difficulties are "more on the advising side than in the physical running of the lottery," Smedick said.

Smedick said there are usually 10-15 students moving into or out of each dormitory after the Readjustment Lottery.

Pre Christmas Dinner
by
International Students Association

Saturday Dec 8th, 7-9:30pm
Twenty Chimneys, Student Center

Made possible by the Council for the Arts at MIT

FREE TICKETS for the Entire MIT Community!

The Boston Secession presents:
Cabaret Noel: Singalong Secession

Friday, December 7, 2007 8:00 pm
St. Paul's Church, 15 St. Paul St, Brookline, MA
Closest T-Stop: Brookline Village, Green "D" Line

Join us for Boston's new holiday tradition, a joyous cabaret performance overflowing with seasonal favorites, this year featuring renowned soprano Nancy Armstrong and artists of Boston Secession. Croon along or wail away on all your holiday favorites, from White Christmas to Silent Night and the top tunes from Handel's Messiah. Lift your voice in song with the professional singers of Boston Secession and enjoy a few funny, heartwarming and poignant solo surprises along the way. (And if you have a Messiah score, don't leave home without it!)

2 tickets per MIT ID available at the MIT Office of the Arts (E15-205), M - F 10am - 4pm, in person only.

U.S. IMMIGRATION LAW & YOU

MIT students, family and employers Seeking U.S. legal counsel services. Free campus consultation, call today: James Dennis Leary, Esq. 321-544-0012

"The Tech Lodge" Freemasonry at MIT

RCM.MasonryPage.org
rcm-info@mit.edu

Richard C. Maclaurin Lodge
A.F. & A.M.

We are looking for a special egg donor.

COMPENSATION
\$100,000

MIT
PUBLIC SERVICE CENTER
INNOVATING | MENTORING | BUILDING CAPACITY

You can change the world. Start right here.

Serve a local or international community and get support from PSC Fellowships or Grants.

Visit us on the web at <http://web.mit.edu/mitpsc>

No excuses, only opportunities

This ad is being placed for a particular client and is not soliciting eggs for a donor bank or registry. We provide a unique program that only undertakes one match at a time and we do not maintain a donor database.

Please visit
www.elitedonors.com
for full program details

before i left my room...



i e-mailed my files...

my order was done by the time i got to Copy Cop!



The Digital Printing Company

Copy Cop, the Digital Printing Company is **NOW OPEN** in Kendall Square, across the street from Dunkin' Donuts and The Garment District on Broadway.

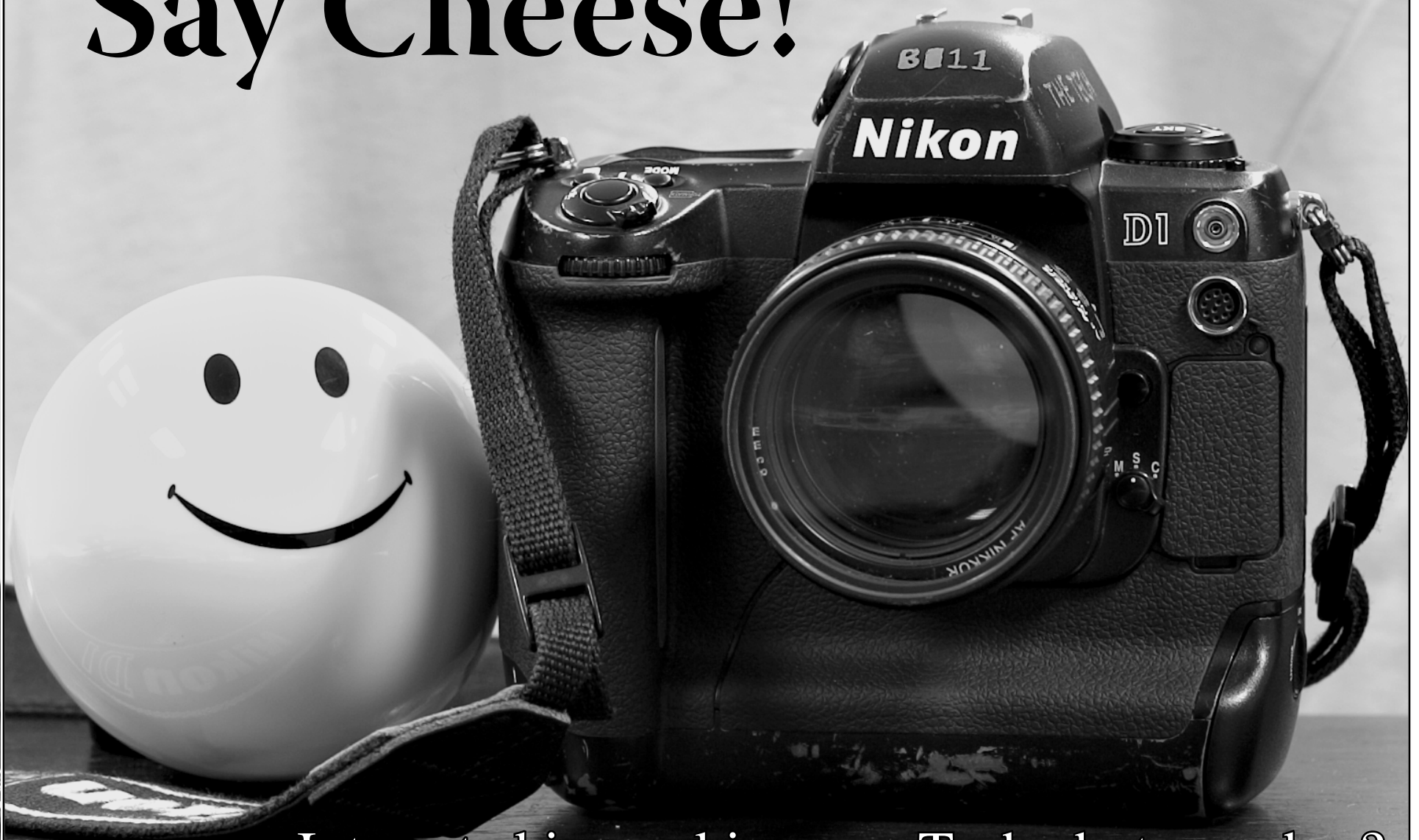
e: p1digital@copycop.com

p: 617.583.1050

205 Broadway, Cambridge MA 02139

www.copycop.com

“Say Cheese!”



Interested in working as a Tech photographer?
For more information, including how to apply, contact
photo@the-tech.mit.edu

Alumnus Kirsch Develops Advanced Spam Filtering

By John Markoff
THE NEW YORK TIMES

SANTA CLARA, CALIF.

Twenty-five years ago Steven T. Kirsch '80, built a better mouse. Now he believes he has found a way to create a better trap — for spam, not mice — if he has enough time to finish his project.

An MIT-trained engineer and former Tech news editor, Kirsch was frustrated by the quality of the first computer mice in 1982, so he set out to improve them by incorporating an optical sensor.

Since then he has started four companies, all based on his frustrations with existing products or services. He has made forays into word processing document design, accelerating the Web, and in 1997 Infoseek, his search engine company, was the third ranking company in Web search. In many ways Kirsch, who is 50 years old, has come to exemplify what distinguishes Silicon Valley — a blend of engineering skills with persistent entrepreneurship.

Along the way he has amassed a personal fortune of about \$230 million, a success that has permitted him and his wife to become significant philanthropists in Silicon Valley by contributing more than \$75 million to the United Way campaign and other causes through his foundation.

Recently he has taken on the challenge of e-mail spam. This year he founded Abaca, a company with a new approach in the crowded market for stopping junk electronic mail.

Abaca claims that it can filter out 99 percent of all spam, and supports the claim with a money-back guarantee. According to the result of an independent survey last February by Opus One, a computer industry consulting firm in Tucson, Ariz., that would be significantly better than the results of six leading spam blockers.

Abaca has taken on a new urgency for Kirsch — during the summer, he was discovered to have a rare form of blood cancer, Waldenström's macroglobulinemia, that is found in about 1,500 Americans every year and is considered incurable, although it can be managed beyond the five- to seven-year longevity that new patients are usually told to expect.

So far he has shown no effects from the disease, and he said he is intent on applying his engineer's approach to the problem.

"This is harder on my wife than it is on me," he said during a recent interview. "I just look at it as a problem. Here's a problem and you have four years to solve it or you don't get to solve any more problems."

Kirsch is not the first prominent entrepreneur in Silicon Valley to battle cancer. Andrew S. Grove, the chief executive of Intel, has survived prostate cancer. In May 1996 Grove wrote about his battle with the disease in intimate detail in a Fortune magazine

cover story. More recently Apple's chief executive, Steve Jobs, also underwent an operation and has survived a rare form of pancreatic cancer.

As he has in confronting his earlier challenges, Kirsch outlined his situation and what he is doing to try to solve it in great detail on his Web home page. His approach to surviving is outlined in painstaking detail. However, it is listed as the third of his current projects, after "Eliminating spam," and "Who would make the best president?"

In his description, he writes: "I have enough time to change the outcome and I'm going to try to do that. This is my story."

His perspective on his disease is also clear. Fourth on his list is "Why human beings will be extinct in 90 years." He writes, "My incurable blood cancer is minor compared to what is happening with the planet. We have somewhat more than 90 years before humanity is virtually extinct."

Once a registered Republican, Kirsch has moved closer to Democratic candidates and was a significant backer of Al Gore, in particular, because of his environmental stance.

"He's done a lot of fundraising and he's really been willing to put himself out there," said John Shoch, a Silicon Valley venture capitalist. "He says what he believes in and supports political causes, and he's not bashful about getting into the fray."

The most visible change that he has made as a result of his cancer is the recent decision to change the financing direction of the Steven and Michele Kirsch Foundation, which until late last month had focused on a wide range of community philanthropic goals.

At the end of October, however, the foundation announced that in the future it would focus its financing on research associated with his cancer, which because of its rare nature receives almost no federal money.

For the moment, between weekly visits to the Stanford Medical Center, Kirsch is continuing to put much of his time into convincing the world that he has stumbled on a better way to block spam.

He has been thinking about the spam problem for a number of years and has several patents covering other approaches, but Kirsch said he had hit on the idea underlying Abaca — profiling the recipient of e-mail rather than the sender — quite by accident.

"We were sitting around thinking of ways to obfuscate the description

about how our system worked so the spammers would be misdirected," he said. "So I came up with receiver reputation as something that might sound plausible. Then as I thought about it more and more, the more sense it made to me."

The approach underlying the Abaca technique is the recognition that the ratio of spam to legitimate e-mail is individually unique. It is also a singular identifier that a spammer cannot manipulate easily. By assessing the combined reputations of the recipients of any individual message, the Abaca system determines the "spaminess" of a particular message. Kirsch asserts this provides a high degree of accuracy in deciding whether the message is spam.

Unlike most of its competitors, he said, Abaca's technology does not require a training period, is language independent and is faster than many competitors because it does not scan the entire contents of a message to determine whether it is spam.

Kirsch has invested about \$5 million in developing his idea, and he said he expects Abaca to reach profitability by the middle of next year.

"I have to admit it sounds innovative and novel," said Sunil Paul, the founder of Brightmail, one of the leading providers of antispam technology, which was sold to Symantec in 1997 for \$370 million.

At the same time, Paul said he was dubious about the ability of a stand-alone anti-spam company in today's computer security market.

"Remember Bill Gate's promise to rid the Internet of spam in a few years?" Paul said. "That was over seven years ago. Once any of these solutions scale up, though, thousands of other clever, smart people start to work on how to defeat the system."

Kirsch insists that Abaca is unlikely to be caught soon. "Most people like me get 99.8 percent or so with the current volume of users," he said, referring to the percentage of good e-mail he now sees using his system. "Our performance gets better as we add more users; our competitors already have scale, and we are way ahead even with just 20,000 users. When we get to scale, our performance should be nearly 100 times better than our closest competitor."

In February, Opus One tested six anti-spam products on a stream of 10,000 messages during a 10-day period. Spam filtering rates ranged from a high of 97.36 percent to a low of 74.10 percent.

"At 99.8 percent you miss two out of 1000," said Kirsch. "At 95 percent you miss 50 out of 1,000. So other systems give you 25 times as much spam. Who wants that? Nobody we know."

Opus One has not yet tested the Abaca system. However, the testing group has been briefed by a representative of Abaca.

"Generally, I am very skeptical of anti-spam techniques that get put forth with the pseudo-math that you hear from Abaca," said Joel M. Snyder, a senior partner with Opus One. "In their case, however, the math has a face validity that's unusual in this business. The only obvious issue with their system is that it really requires a lot of participants in order to work."

got sperm?

SPERM DONORS NEEDED Up to **\$1100** a month!

Healthy MEN in college or with a college degree wanted for our sperm donor program.

Minimal time commitment

Help people fulfill their dreams of starting a family.

Receive free health and genetic screenings.

APPLY ONLINE:

www.SPERMBANK.com

Master of Science Program:
Computation for Design and Optimization (CDO)

→ APPLICATION DEADLINE: JANUARY 10, 2008

The critical role that computation plays in modern complex engineered systems has created a great demand for engineers educated in computational science for design and optimization.

The MIT S.M. program in Computation for Design and Optimization (CDO) meets this demand by focusing on computational issues in modeling systems in engineering and science. Through coursework, hands-on projects and a thesis, students learn and apply advanced computational methods to a diverse range of applications, from aerospace to nanotechnology, from internet protocols to telecommunications system design, and many more.

The CDO master's degree may be pursued as a professional degree, as preparation for a PhD, or concurrently with a PhD program in an MIT department.

More information: <http://web.mit.edu/cdo-program>
Email: cdo_info@mit.edu

IAP Info Session!
Tuesday, January 8, 2008
10-11:30am, Room E51-151

Massachusetts Institute of Technology

To publish in *The Tech* the week of December 3, 2007
1/8 pg (4" w x 5" h)
Cost: \$90

Contact:
Laura Koller
MIT CDO Program Administrator
Room E40-152
Phone 253-3725
Email lkoller@mit.edu

Amgen-UROP Scholars Program

Undergraduate Research in the Sciences and Biotechnology, Summer 2008

Applications are now being accepted for the **2008 Amgen-UROP Scholars Program**.

Up to 28 students (approximately half from MIT) will be selected to conduct research in MIT laboratories, take part in networking and educational activities, and attend a mid-summer research symposium at UCLA. Participants receive competitive research pay, on-campus housing, and a food allowance.

Applications are due by February 1, 2008. For complete information on eligibility requirements and to access the online application, visit mit.edu/urop/amgenscholars.

The Amgen-UROP Scholars Program is managed by the **Office of Undergraduate Advising and Academic Programming (UAAP)**, and is funded by a grant provided by the **Amgen Foundation**.

For more information, contact UAAP staff at amgen-scholars@mit.edu, or (617) 253-7306.

For details on Amgen Scholars Programs offered at other U.S. universities, visit <http://www.amgenscholars.com>.

mit.edu/urop/amgenscholars

Solution to Crossword

from page 7

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

Solution to Sudoku

from page 7

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

Life Is Interesting for Only Male Student at Wellesley

By Keith O'Brien
THE BOSTON GLOBE

WELLESLEY

To many women, he is simply "the boy." They know who he is, even if they do not know his name. They know his story, even if they have never spoken to him.

In the small, all-female world of Wellesley College, Mohammad Usman is famous in this way. He is literally a man among women — about 2,300 women. Usman, 19, is the only man attending Wellesley College this fall.

"A lot of people don't know his name, really," said Johanna Peace, a Wellesley junior and the editor-in-chief of the student newspaper, the Wellesley News. "They're aware that there's a boy on campus. And if they see him, they'll say, 'Oh — there's the boy.'"

The boy in question has been living in a dormitory on campus since September, showering in his private bathroom, and, perhaps predictably, becoming something of a folk hero among his male friends.

But do not get the wrong idea here: Wellesley College, known for educating such top female minds as presidential hopeful Hillary Clinton, is not

allowing men to become full-time students like many other local women's colleges. Usman, who grew up in Bronx, N.Y., has come to Wellesley on a semester-long exchange program, and he maintains his motives for wanting to be here are pure.

He wanted to come for the educational experience. (And the women.) He was looking forward to living near Boston. (And lots of women.) To him, this was a chance of a lifetime.

"I thought it would be really fascinating to be the only male at an all-women's college," said Usman, a government and geography double major at Dartmouth, who has been taking two classes at Wellesley this fall and two at the Massachusetts Institute of Technology due to a partnership that Wellesley has with the Cambridge school. "I like to believe I'm curious."

"I want to try new things, and the greatest part of a liberal-arts education is experiencing a wide variety of things. It's important to me to get the most of my 50 Gs."

Under an agreement among 11 New England institutions, students can apply to spend a semester at another school. A classmate of Usman's

mentioned this about a year ago, and the pair decided to apply to spend a term at Wellesley — a decision that surprised one Dartmouth staffer so much that she informed Usman that it was not possible.

As it turns out, though, it is. Men have attended Wellesley via the exchange program in the past, although not recently, said Jennifer Thomas-Starck, who oversees the program at Wellesley. Usman and his friend were accepted. But then Usman's friend backed out, leaving Usman to go at it alone.

"I was committed," he said.

Usman, the fourth child of Pakistani immigrants who own a variety store in the Bronx, enrolled at Wellesley for the fall semester like everyone else. His parents, who dropped him off on campus, were surprised to see so many women, mostly because Usman had failed to tell them that Wellesley was a women's college. And soon, others were surprised — not by the women, but by the lone man on campus.

Early on, Usman said, a campus police officer questioned whether he was actually a student. "The look on his face was just like, 'Yeah, OK,

buddy,'" Usman recalled. And then there were the female students who would see him and ask whether he was supposed to be there. In response, he showed people his student ID card. And word quickly spread about "the boy" in their midst.

"Most guys who are on campus are somebody's boyfriend," said Amy Goodman, a sophomore in Usman's world politics class. "So when there's a guy who doesn't have anybody and who's going to an all-girls school, it's going to make people go, 'Oh, who is this person?'"

Female students have wondered about Usman's motives. But some say Usman has blended in among them. The school assigned him a "big sister," just as they do for every other new student. In class, he often sits up front, and Usman has made plenty of female friends — a fact that does not surprise those who know him well.

"This is a women's college," said Wilbur Rich, a political science professor at Wellesley who is teaching Usman this semester. "There's no doubt in anybody's mind what's going on here. This is an institution for women. But men are welcome. If you

don't mind being around very, very bright women, it's no problem."

That is not an issue for Usman, who said he has no girlfriend. He is very attracted to intelligent women, he said, and has enjoyed the attention he has received from classmates.

Usman said he will miss the friends he has made when the semester ends on Dec. 20. But one evening last week, while meeting with three classmates for a group project, the women were more concerned about whether Usman was going to be there for his big sister next spring.

"What?" Usman asked.

The three women explained he had to be there for the traditional hoop-rolling race that seniors participate in every spring, that he needed to save his big sister a good spot on the starting line, and that she would be expecting it.

"What is this?" he said again.

The classmates sitting at his table were appalled and tried to convince Usman of the importance of these matters. But in the end, it was no use. What did he know, anyway, about being a Wellesley girl?

He's just a boy.

Note

SPOILED
YAPPY DOG
FOR CONGRESS



LEADERSHIP FOR
THE FUTURE

PAYATTENTION.ORG

Ad
Council

IF YOU'RE NOT VOTING, THEN WHO ARE YOU ELECTING?

This space donated by The Tech

THANK YOU M.I.T.



Bose® Wave® music system



QuietComfort® 2 Acoustic Noise Cancelling® Headphones



Companion® 3 multimedia speaker system

Thank you to Students,
Faculty, Staff and
Employees of M.I.T.

Bose Corporation was founded and built by M.I.T. people. Our success in research and in business is a result, in no small part, of what M.I.T. has done for us. As one measure of our appreciation, we are extending special purchase privileges to all students and employees of M.I.T. for their personal use.

Please direct all inquiries to the
"M.I.T. Purchase Program."

Bose Corporation
1-800-444-BOSE

BOSE
Better sound through research®

©2004 Bose Corporation. Patent rights issued and/or pending. Delivery is subject to product availability.

One Laptop Per Child Sees Surge in National Orders

By Hiawatha Bray
THE BOSTON GLOBE

Despite slower-than-expected sales and tough competition from commercial rivals, the One Laptop Per Child Foundation of Cambridge is enjoying a surge of new orders.

Nicholas P. Negroponte '66, the MIT professor who set up the foundation to provide low-cost laptops to poor schoolchildren around the globe, said in an interview Friday that the government of Peru has signed a contract to purchase 260,000 of the \$188 machines. "It was notarized five minutes ago," he said, adding that the Peruvian order will make it easier for the foundation to sign up more countries to the program. "It's momentum."

Negroponte also said Mexican billionaire Carlos Slim has purchased 50,000 of the machines for distribution in his country. "He's an old friend, and he's been involved in this from the beginning," Negroponte said.

The nonprofit has designed its laptop to eventually cost less than \$100 each. It hopes to persuade governments in developing countries to buy millions of the machines and hand them out free of charge as educational tools.

But foreign governments haven't placed as many orders as Negroponte expected when he launched the foundation in 2005. So OLPC has asked affluent American individuals and charitable groups to buy machines and donate them to children in poor countries. Participants in the Give One Get One program pay \$400 for two of the machines — one for their own use and the other to be donated. Participants also receive a year of free wireless Internet access at hundreds of public hotspots operated by T-Mobile. A separate program, called Give Many, encourages charities to pay for hundreds or thousands of OLPC laptops.

Robert Fadel, the foundation's di-

rector of finance and operations, said both programs are paying off. Since the Give One Get One program began Nov. 12, the foundation has received about \$2 million in orders every day, he said. That works out to 190,000 laptops total, with at least half donated to children in developing countries. Fadel said many customers end up donating both the computers they buy. Fadel didn't have numbers on how many machines have been sold through the Give Many system, but said the number runs into the thousands.

The surge in sales of the nonprofit's laptops comes as OLPC faces growing competition from commercial vendors of cheap laptops. Intel Corp. is pushing a rival computer called the Classmate, while Asus Computer International of Taiwan offers the Eee PC, designed for use in affluent nations such as the United States as well as in poor countries.

OLPC also has been hit by a patent-infringement lawsuit in Nigeria filed by Lagos Analysis Corp. of Natick. The suit claims the foundation stole the company's keyboard design. Negroponte said the lawsuit is without merit, because OLPC uses a keyboard programming technique developed in 1996, long before the Nigerian patent was filed.

The founder of Lagos Analysis Corp., Ade Oyegbola, was convicted of bank fraud in Boston in 1990 and served a year in prison. Oyegbola insists his Nigerian patent is legitimate and said he plans to file a copyright-infringement lawsuit against OLPC in an American court.

Computer industry analyst Roger Kay of Endpoint Technologies Associates Inc. in Wayland, a longtime skeptic of the OLPC plan, was impressed by the foundation's early sales. "I remain generally skeptical, but that's some good news," said Kay. "If you were a budding computer company, you'd be happy to sell 300,000 or so units in your first

season."

But Kay still predicted trouble ahead for the foundation, unless it stops acting like a charity and more like a traditional computer business. "They have to survive on selling

products, having satisfied customers, and having people come back for more," he said.

However, Negroponte said OLPC's nonprofit status is essential, as it enables the foundation to

collaborate with leading technology companies in designing and building the laptop. He said many of the foundation's partners would not offer assistance if they viewed OLPC as a business rival rather than a charity.

Addir Fellows Community Lecture Series

What are the Primary Issues Confronting the Religious World Today?

Thursday, December 6, at 7:30 pm

Hulsizer Room, Ashdown House
(Corner, Amherst St. and Mass. Ave.)

MIT Interfaith Dialogue Program

Speaker

Professor Gustav Niebuhr, Syracuse University,
Director, Religion and Society Program
Director, Carnegie and Media Minor
Co-director, Luce Project in Religion, Media and International Relations

Questions: ora@mit.edu
Website: mit.edu/dsl/addir/

The public is most welcome to attend.
Dessert to follow.



Addir is a word in Ancient Summarian which means "bridge". In the Addir Fellows Program we aspire to build bridges of dialogue and understanding. The Addir Fellows MIT Interfaith Dialogue Program is sponsored by Office of Dean for Student Life and MIT Hillel in cooperation with the Board of Chaplains.

Royal Bengal

Boston's only authentic Bengali Cuisine restaurant

313 Mass. Ave., Cambridge
(617) 491-1988
T: Red Line, Bus #1 - Central Square

Open Daily Except Monday
11:30 am - 11:30 pm

Lunch Buffet \$7.95
Reasonably Priced Dinners

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>

Learn how to tell the news: Join *The Tech!*
join@tech.mit.edu

DARFUR

F • A • S • T

DECEMBER

5TH

Give up a luxury item for a day and donate the money you would have spent to the Civilian Protection Program in Darfur.

Stop by our table in Lobby 10 to drop off your donations. Join MIT STAND in breaking the fast at Bertucci's with FREE DESSERT @ 7 P.M.

*All proceeds will go to the Civilian Protection Program, a program sponsored by the Genocide Intervention Network and the SaveDarfur Coalition that provides protection to civilians in the refugee camps in Darfur, Sudan and Chad.

Technique Yearbook Senior Portraits

Seniors, this is your **LAST CHANCE** to get in the yearbook!

Sign up at
technique.mit.edu

LAST CHANCE!

DON'T BE FORGOTTEN!

**Dec 3-7
11:00-6:00
W20-451**

WALK-INS WELCOME!



Editors For Wiki Can Be Paid

Wikipedia, from Page 1

able development, and individuals have compensated contributors writing in underrepresented languages, the foundation has never before paid contributors. Commercial influence at Wikipedia — for example, outside advertising, which is forbidden — is always a touchy question.

Laugher said, however, that there has been little concern at discussion sites. "I think there is a difference between paying people to get the whole going versus paying people to do the parts that volunteers apparently don't find rewarding," she wrote. "The illustration project is definitely the latter."

Greenspun hoped his grant might be the start of a larger fund at Wikipedia. He imagined payments of \$5 — "I was thinking of illustrators in Romania and India" — but added, "I haven't heard a peep from anyone since the check cleared!"

leadinggreen

exercising personal leadership in sustainability

discussion facilitated by:

Laxmi Rao, Energy Coordinator for IS&T

Jason Jay & Elsa Olivetti, founders of the Generator Coalition

Thursday, Dec 6, 2007

PDR1, 3rd Floor, Student Center (W20)

5pm

Dinner will be served



open to all members of the MIT community
part of the GreenLiving series
Students for Global Sustainability & the MIT Pledge Effort

JAMAICA SPRING BREAK 2008

THE JAMAICA MUSIC FESTIVAL FEATURING ARTISTS SUCH AS: SHAGGY, BEENIE MAN, and much, much more!

Concert Dates: March 3rd, 10th, 17th & 24th

Book Your Trip Today! Contact:

STS STUDENT TRAVEL SERVICES
www.ststravel.com
1.800.648.4849

SUN SPLASH TOURS
www.sunsplash.com
1.800.426.7710

JAMAICA
Once you go you know.

The **Chorallaries** of MIT
present our Fall Concert!
Positive Chorallation
Sat. Dec. 8th @ 8pm in 10-250

FREE ADMISSION!

Check out our new CD at our booth in Lobby 10, and hear samples at choral.mit.edu



Make a
difference
faster.

Join a firm where you can make a difference quickly. Morgan Stanley, a global leader, can make you part of the financial markets, techniques and transactions that help shape the world we live in.

We give you responsibility as fast as you can handle it, to make an impact on our business and on the world at large. Learn about the rich variety of opportunities we offer by attending our presentation.

Tuesday, December 4, 2007
7:00–9:00 p.m.
Hotel at MIT, Main Ballroom

**LEARN MORE AND APPLY ONLINE AT
WWW.MORGANSTANLEY.COM/CAREERS/RECRUITING**

Morgan Stanley
WORLD WISE

Morgan Stanley is an equal opportunity/affirmative action employer committed to workforce diversity. (M/F/D/V) © 2007 Morgan Stanley



December 9, 2007

web.mit.edu/amnesty/www

Darfur Fundraising Dinner

- FULL COURSE DINNER! - **7pm** - LIVE PERFORMANCES! -

Sunday, December 9th
Walker Memorial

- PHYSICIANS FOR HUMAN RIGHTS UPDATE! -

Tickets available at the door or presale at lobby 10 table Dec 3 - 5th



Benefits the World Food Program & the purchase of solar cookers for refugee camps



The Sloan Subject Bidding (SloanBid) System **Bidding Dates for Spring, 2008 Courses**

<https://sloanbid.mit.edu>

First time logging in? Use your MIT ID as both your log in and password. Follow instructions on the site to change your password or retrieve lost passwords. Once logged in, make sure and check that your information (i.e. program of study and graduation date) is correct.

Institute-wide bidding for Sloan subjects:

Opens 9:00 a.m., Friday, December 21
 Closes 5:00 p.m., Monday, December 31

Waitlist Round for closed Sloan subjects:

Opens 9:00 a.m., Thursday, January 3
 Closes 5:00 p.m., Thursday, January 10

Section Swap Round for sectioned Sloan subjects:

Opens 9:00 a.m., Tuesday, January 15
 Closes 5:00 p.m., Tuesday, January 22

Please contact Scott Alessandro, salissan@mit.edu, if you have questions regarding Sloan Course Bidding.

Successful bids will appear on your Registration Form on February 4 and will be posted on the bidding website as of January 3 -- write down your password to check results!



Impact

Shape the world by taking on the challenges that matter.

Summer Opportunities Presentation

Thursday, December 6, 2007 at 7:00 p.m.

Hotel @ MIT

Note: McKinsey internships are available for current juniors and for seniors entering a 1-year master's program.

www.mckinsey.com/usschools

McKinsey&Company

Forward Ballentine Racks Up Two Goals, Three Assists in Win

Hockey, from Page 20

G scored unassisted. Kozlowski notched his first goal of the night courtesy of a Jeremy D. Myers '08 pass 10:37 into the second period, while Cory F. Phinney '11 scored his first intercollegiate goal on a power-play with 57 seconds left to extend MIT's lead to 5-2. Ballentine and LaBounty each picked up assists on the rookie's strike. The Cardinal and Gray secured another goal on the man-advantage less than 30 seconds into the third period, as Kozlowski scored thanks to feeds from Ballentine and Myers. WPI cut the lead to 6-3 one minute

later, with Stalmok and Mike Pagonis providing the assists for Mike Parzych's goal, but it was as close as the hosts would get. Kozlowski (unassisted) and Ballentine (from LaBounty and Rousseau) made it 8-3 before defenseman Stephen T. Payne '08 recorded his first goal of the year, with the lone assist credited to Vladimir Sobes '11.

Stephen L. Yablonski '11 stopped 18 shots in net en route to earning his second consecutive win for MIT, while Jeff Walker made 35 saves for WPI.

The Engineers face Bryant University on Friday, Dec. 7 in an away game at 7 p.m.



ANDREA ROBLES—THE TECH

Laura E. Aust '10 performs a dive in last weekend's MIT Invitational Swim and Dive meet. MIT placed first out of six colleges.



PERRY HUNG—THE TECH

Jenny Liu '09 shoots for the MIT pistol team at last Saturday's pistol tournament against U.S. Coast Guard Academy.

Sports Shorts, Continued

Sports Shorts, from Page 20

triumph in the 1,650-yard freestyle (18:06.70).

Diver Doria M. Holbrook '08, the 2005 and 2007 three-meter diving NCAA National Champion, was pitted against the 2006 title-winner and her close friend, Tufts' Kendall Swett, in both the one-meter and three-meter competitions. Holbrook (475.05) bested Swett (450.05) on the one-meter board, but Swett (512) edged out Holbrook (504.90) on the three-meter. Both divers reached NCAA "B" cut qualifying standards on both boards for 11 dives.

MIT will race against Smith College and Wheaton College on Saturday, Dec. 8, in an away meet at 1 p.m.

—Jeff Lemieux, DAPER Staff

Women's Basketball Loses to Emerson, 54-43, In Non-Conference Game

In its first game after a 12-day hiatus, Emerson College emerged with a 54-43 victory over MIT in a non-conference women's basketball game on Thursday. With the win, the Lions improved to 2-1 on the year while the Engineers fell to 1-3.

The early stages of the game were a back-and-forth affair as Emerson crept out to a 9-6 advantage after five minutes elapsed. Back-to-back three-pointers by Clara J. Yuan '00 and Alice S. Yeh '08 put MIT ahead, 12-9, at the 12:01 mark. The Lions countered with 10 straight points during the next three minutes to reclaim the lead for good. A three-point play by Yeh ended the run and narrowed the gap to four (19-15). Emerson responded by tallying 12 out of the next 15 points to establish its largest lead of the half (31-18) with 4:49 on the clock. The Engineers closed out the half with an 8-2 run that resulted in a 33-26 deficit at the break.

Yeh continued to power MIT's offense in the second half as she posted five points during the first 41 seconds. Baskets by Lauren Vassallo, Lindsay DeStefano, and Maude Okrah helped maintain Emerson's edge as it led, 39-31, at 18:21. The next 12 minutes became a defensive battle as both sides combined for 10 points. A jumper by Alleigh Marre sparked a 9-0 run by the Lions as they extended their lead to 17 (54-37) with 4:13 on the clock. MIT held Emerson scoreless for the rest of the game as a lay-up from Sally W. Simpson '10 and a pair of baskets by Kelsey K. Cappelle '11 closed out the scoring for the Cardinal and Gray.

Cheryl M. Kwinn '09 notched a career-high 11 points and seven rebounds, while Yeh contributed 11 points coming off the bench. Cappelle totaled eight points and two blocks, and Samia A. Mahjub G grabbed a team-high 12 boards. Kimberly E. Soo Hoo '08 dished out nine assists, as Kristen E. Whaley '11 picked up two steals for the Engineers.

MIT continues play against Emmanuel College today in a 6 p.m. home game in Rockwell Cage.

—Mindy Brauer, DAPER Staff

Men's Basketball Falls to Tufts, Scores Season-Low 67 Points

Tufts University snapped the MIT men's basketball team's five-game winning streak with an 83-67 victory, overcoming a 12-point first-half deficit thanks to balanced scoring in a Saturday afternoon game at Tufts. Each Tufts starter managed a double-digit point total en

route to the victory.

MIT was unable to capitalize on a 14-4 run in the first half, highlighted by two Willard J. "Billy" Johnson '09 three-pointers, that gave the Engineers a 32-20 lead. However, Tufts surged to a halftime tie at 39 apiece on the strength of a Tufts 14-4 run. When play resumed, the game was a seesaw affair until there were only eight minutes remaining. Tufts broke away from MIT with another strong scoring stretch (17 points to MIT's two), and from there the lead was no less than nine points.

The team resumes competition against Western New England in an 8 p.m. home game in Rockwell Cage.

—Caroline Huang, Sports Editor

Men's Fencing Team Finishes Fourth at First Beanpot Tournament

Competing in the inaugural Beanpot Tournament, the MIT men's fencing team fell to host Harvard University (20-7), Brandeis University (19-8), and Boston College (16-11) on Wednesday. With the losses, the Engineers' ledger moved to 4-4 on the year.

The epee team had the best outing of the day as it compiled a record of 12-15, including a 5-4 victory over Boston College. Matt L. Gethers '09 paced the trio with a 7-2 showing, followed by Jeremy S. Hurwitz '08 (3-6) and Gabriel A. Chan '09 (2-7).

The sabre squad had its best outing against Brandeis as it posted a 4-5 mark en route to a 10-17 overall record. Igor Kopylov '09 led the way by winning eight of his nine bouts while Rangarajan D. Nadadur '10 went 2-6. Maximilian L. Brand '11 and Nurzhas Makishev '09 finished the day with marks of 0-8 and 0-2, respectively.

The foil team struggled against its local foes as it finished with an overall tally of 4-23. Spencer R. Sugimoto '08 powered the Engineers with a total of 4-5, while Richard C. LaGrandier '11 (0-7), Sebastian Castro '04 (0-9), and Benjamin T. Switala '09 (0-2) rounded out MIT's contingent.

—Mindy Brauer, DAPER Staff

Women's Fencing Falls to Brandeis, Harvard, and BC In Beanpot Tourney

The MIT women's fencing team fell to host Harvard University (21-6), Brandeis University (15-12), and Boston College (15-12) this past Wednesday at the first Beanpot Tournament. With the losses, the Engineers' ledger dropped to 5-4 on the year.

The epee team had the best outing of the day, as it compiled a record of 12-15 and a pair of 5-4 victories against Harvard and Brandeis. Stephanie H. Shin '10 led the way with a 6-3 mark, while Joanna W. Tong '08 and Nicole J. Koullisis '08 both went 3-6.

Like MIT's epee contingent, the sabre squad earned two 5-4 wins as it outlasted Brandeis and Boston College while totaling an 11-16 record. Yuhsin Chen '08 paced the trio with a 5-4 showing, followed by Laura A. Evans '10 (4-5) and Elena A. Tatarchenko '11 (2-7).

The foil team edged out Boston College, 5-4, en route to a 7-20 overall record. Cordelia S. Link '10 powered the Engineers with a total of 4-5 while Chun Li '08 contributed a ledger of 3-6. Lindley C. Graham '10 (0-8) and Jenna G. Caldwell '11 (0-1) rounded out MIT's contingent.

—Mindy Brauer, DAPER Staff



Ever Get A Pal Smashed?

TAKE THE KEYS. CALL A CAB. TAKE A STAND.



FRIENDS DON'T LET FRIENDS DRIVE DRUNK.

Ad Council U.S. Department of Transportation This space donated by The Tech

Travel more. Spend less

StudentUniverse.com

SPORTS

Men's Swimming Wins 17 of 18 Events at Weekend Invitational

By Jeff Lemieux
DAPER STAFF

The MIT men's 15th-ranked swimming and diving team won 17 of 18 swimming events en route to a first-place finish at this weekend's MIT Invitational, held over the course of Friday and Saturday in the Zesiger Pool. The Engineers won the event with a final team score of 1,082.5, beating out Tufts University, which finished with 1,046.5.

Brandeis University (554.5), Colby College (418), Bowdoin College (239.5), and Wheaton College (216) rounded out the competing schools.

Laurent Charpentier '10 was remarkable for the Cardinal and Gray, winning three individual events and helping five relay teams to decisive victories. Two of Charpentier's individual times were fast enough to earn NCAA "B" cuts, in the 100-yard (46.37) and 200-yard (1:42.93) freestyle events. He also earned a "B" cut in the 200-yard medley relay along with Jeffrey Y. Zhou '10, Rastislav Racz '10 and Luke R. Cummings '10, as the quartet touched the wall first at 1:34.61.

Charpentier's other individual win came in the 50-yard freestyle, as he led a 1-2-3 finish for MIT. The sophomore won the event by clocking in at 21.44 seconds and was followed closely behind by Cummings

(21.90) and Zhou (22.02).

Peter J. Wellings '09 teamed with Charpentier, Zhou, and Cummings to win the 200-yard freestyle relay with a time of 1:25.62 before Toomas R. Sepp '11 joined the fun and combined with Zhou, Racz, and Charpentier for a victory in the 400-yard medley relay (3:31.09). Charpentier and Wellings were successful again in the 800-yard freestyle relay, touching the wall first in 7:10.39 to win along with Michael J. Dobson '11 and Calvin D. Kao '08. The Engineers completed their sweep of the relay events by taking the 400-yard freestyle with a time of 3:09.91 courtesy of Charpentier, Zhou, Wellings, and Cummings.

Not to be outdone, Racz also earned an NCAA "B" cut, winning the 100-yard breaststroke by touching the wall at 57.45. He was followed in second place by teammate Deke Hu '09 (1:00.84). Racz then led a 1-2-3 finish in the 200-yard breaststroke, finishing at 2:09.19 just ahead of Kao, who clocked in at 2:15.04, and John Walk, who registered a time of 2:17.06.

The 200-yard individual medley and 100-yard butterfly turned out to be massive events for the Engineers, as they took four of the first five spots in each to grab a significant amount of points. Racz won the individual medley with a time of 2:01.42, while Hu, Sepp, and Kao finished three

through five. Sepp then garnered top honors in the butterfly, while Hu, George J. Rossick '11, and Trace U. Sauter '11 earned third-, fourth-, and fifth-place finishes.

MIT also received first-place finishes from Dobson in the 500-yard (4:42.53) and 1,650-yard (16:32.47) freestyle events, Kao in the 400-yard individual medley (4:17.67), Zhou in the 100-yard backstroke (54.21), and Hu in the 200-yard butterfly (2:00.81).

Carson J. Darling '11 provided crucial points for Tech as well, finishing second in the three-meter diving competition with a score of 337.95 and coming in third on the one-meter board with a tally of 330.20.

Head Coach Dawn B. Gerken could not have been more pleased with the result, but she was perhaps even more satisfied with the effort and determination of her team.

"This was an absolutely phenomenal meet for this group of athletes, and the win in this competition is huge for this program," she said. "Every single team member stepped up and contributed, and they all deserve to be recognized for this victory."

MIT will take to the water one last time before the winter break, as it will travel to Norton, Mass., on Saturday, Dec. 8, to take on New England Women's and Men's Athletic Conference foe Wheaton at 1 p.m.



Hamidou Soumare '08 dunks during the first period of the men's basketball Nov. 29 victory over Endicott College. Soumare set a career high with 22 points, 16 rebounds, and five steals.

Tech Defeats WPI 9-3 In NECHA Play, Runs Season Record to 5-0

By Jeff Lemieux
DAPER STAFF

Forward Ryan W. Ballentine '09 scored two goals and added three assists to help MIT ease past Worcester

Polytechnic Institute, 9-3, in NorthEast Collegiate Hockey Association action on Friday night at the NorthStar Youth Forum. With the victory, the Engineers moved to 5-0-0, marking the second consecutive year in which the Cardinal and Gray has won its first five games of the season.

Tech's leading scorer, Nicholas R. LaBounty '09, contributed a goal and three assists to push his season total to 15 points on seven goals and eight helpers, while Michael C. Kozlowski '08 found the back of the net three times. The hat trick doubled Kozlowski's goal total to six on the campaign.

In what started as a thrilling back-and-forth affair, each team traded goals throughout the opening period. Ballentine gave MIT the lead just 49 seconds into the contest, converting feeds from LaBounty and Ian M. Rousseau '10, but WPI (1-4-0) responded less than three minutes later when Andy Capulli provided the assist for Nate Roy's equalizer.

Ballentine turned provider with 4:45 gone in the first period, assisting LaBounty's goal to restore Tech's lead at 2-1. However, the hosts would respond once again just 40 seconds later, as Tim Stalmok finished a feed from Dan Distler.

The Engineers regained the lead for good halfway through the opening period when Bradley T. Holschuh

Hockey, Page 19

UPCOMING HOME EVENTS

Tuesday, Dec. 4, 2007

Women's Basketball vs. Emmanuel College 6 p.m., Rockwell Cage
Men's Basketball vs. Western New England 8 p.m., Rockwell Cage



Eric J. Roselli '11 swims the men's 500-yard freestyle event at last weekend's MIT invitational Swim and Dive meet. Roselli placed 19th out of more than 30 competitors.

Jacobi, Women's Swimming Triumph In Winter Invitational

Amy E. Jacobi '11 continued her remarkable rookie campaign at the MIT Invitational this weekend, as she contributed to three Tech relay victories and added two individual triumphs to lead No. 19 MIT to a first-place finish. The Cardinal and Gray won the event with a final team score of 910.50, comfortably ahead of second-place finisher Tufts University, which concluded the competition with a tally of 783.

Wheaton College (558.50), Bowdoin College (558), Colby College (541), and Brandeis University (361) rounded out the competing schools.

Jacobi, who led off every one of MIT's winning relays, teamed up with Sarah B. King '10, Ashley E. Pinchinat '10, and Sasha B. Brophy '08 to clock in with a first-place time of 1:40.46 in the 200-yard freestyle relay. She combined with Brophy again in the 800-yard freestyle relay, touching the wall at 8:03.09 to earn maximum points along with Nicole M. O'Keefe '09 and Abigail M. Clark '09. Brophy, who anchored each of Tech's three relay victories, and Jacobi then teamed with King and Kaitlyn M. Creasey '11 to take the 400-yard freestyle relay with a time of 3:41.51.

A 1-2 finish in the 100-yard butterfly helped the Engineers tremendously, as Jacobi (59.44) and Jennifer A. Chao '09 (1:01.27) finished ahead of the field to grab a significant amount of points. Jacobi's other individual victory came in the 100-yard freestyle, which she swam in 53.49 to best the competition.

Brophy grabbed an individual victory of her own in the 200-yard freestyle (1:58.74), while O'Keefe contributed MIT's final swimming

Sports Shorts, Page 19

Sports Shorts



Kimberly E. Soo Hoo '08 drives the offence during the first period of the women's basketball's Nov. 29 game against Emerson College. Soo Hoo had nine assists in the 54-43 loss.