The UA candidates for the office of President and Vice President debate various issues concerning the undergraduate population. From left to right: Thomas W. Hay ’10 (VP) and Ryan W. Jackson ’10 (P), Raeez Lorgat ’12 (VP) and Benjamin J. Agre ’12 (P), Margaret K. Delano ’10 (VP) and Michael A. Bennie ’10 (P).

Denoncourt Says Dining Committee Will Report Back Soon

By Elijah Jordan Turner

The Blue Ribbon Committee on Dining has been given until April to release final recommendations for dining at MIT reported Donna M. Denoncourt, associate dean for resid- dential life, at last night’s Undergrad- uate Association Senate meeting.

Denoncourt and Phoenix group housemaster Suzanne Flynn spoke to the Senate about the current progress of the committee. They attempted to clear up some of the confusion after a controversial consultant’s report was leaked to dorm mailing lists last month.

The report recommended man- datory dining plans, extending dining hours and converting some dining hall to an all-you-can-eat format.

Denoncourt said that required meal plans for residents of dorms without dining halls are currently not under consideration.

She added that the committee was never planning to remove kitch- ens from some of the dorms. “That was never even on the table,” said Denoncourt.

The primary objective of the com- mittee, said Denoncourt, has been to ensure students have diverse menu options and dining locations. Other objectives have been affordability as well as financial and environmental sustainability, she claimed. Its course of action has largely been based on a campus-wide survey administered last spring.

Many freshmen accept sophomore standing to declare a major and get a dept. advisor early.

By Paege Lipman

This year, 128 freshmen accepted early sophomore status out of the 1051 students in the Class of 2012. 181 qualified for early sophomore standing. The percentage of freshmen offered sophomore standing this year is consistent with the percentages of recent years.

The most popular majors for 2012’s early sopho- more were Course VI (Electrical Engineering and Computer Science), Course XVII (Mathematics), Course VIII (Physics), and Course X (Chemical Engi- neering). These majors have been the most popular ma- jors declared by early sophomores for several years. 21 students accepting sophomore standing chose to remain undecided.

Students are eligible for sophomore standing if they have completed one-fourth of the credits re- quired for earning a degree. Accepting early sopho- more status removes the 57 credit limit for freshmen and grants the opportunity to declare a subject as ex- ploratory. Those who declare a major are assigned a departmental advisor.

The number of students accepting early sopho- more status dramatically increased in 2003, when the departmental advisor. Those who declare a major are assigned a departmental advisor.

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Men’s Basketball wins first NCAA Tournament game

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Outsourcing

Considering a PhD? Think Again!

Page 5

Heaven forbid: Obama’s budget might fix health care.

Page 5

World & Nation

Opinion

Comics / Fun Pages

Sports

The Weather

Today: Partly cloudy. 44°F (7°C)

Tonight: Possible rain. 34°F (1°C)

Tomorrow: Possible rain. 49°F (9°C)

Details, Page 2

In Short

An ad-hoc student dining com- mittee to rival the Blue Ribbon Dining Committee was created by the MIT at last night’s Senate meet- ing. The bill accuses the Blue Rib- bon Diane Committee of being opaque and unrepresentative of the student body.

Reusable Shaws shopping bags will be available for rental by Bap- ton Conner residents as part of UA Sustainability awareness about their ID.

Admissions decisions will be released online on Saturday, March 14 (1 day). Rejection letters will no longer be mailed. “we will only be announcing decisions online,” wrote Associate Director of Ad- missions Matty McQuaide in a blog post. Accepted students will still get mail with more infor- mation about their application.
Madagascar Crisis Worens After Mutiny by Soldiers

By Barry Beareak

The commander of a secretive branch of America’s Special Operations forces in February ordered a halt to most commando missions in Afghanistan, reflecting a growing concern that civilian deaths caused by U.S. firepower are jeopardizing broader goals there.

The halt, which lasted about two weeks, came after a series of night-time raids in which Special Operations women and children, and after months of mounting outrage in Afghanistan about civil casualties, and air and ground strikes. The order covered all commando missions except those against the highest-ranking leaders of the Taliban and Al-Qaeda, military officials said.

U.S. commanders in Afghanistan rely on the commando units to carry out some of the most delicate operations against militant leaders, and the missions of the Army’s Delta Force and classified Navy SEAL units are never publicly acknowledged. But the units sometimes carry out dozens of operations each week, so any decision to halt their missions is a sign of just how worried military officials are that the fallout from civilian casualties is putting in peril the overall U.S. mission in Afghanistan, including an effort to drain the Taliban of popular support.

Swiss Romeo Admits Guilt in Beguiling BMW Heiress

By Carter Dougherty

When Jo Symons was found to have cancer, there was an extra complication: doctors could not tell what type of cancer she had.

Tumors were found in her neck, chest and lymph nodes. But those mysterious tumors were found in her neck, chest and lymph nodes. But those mystery tumors are estimated to account for 2 percent to 5 percent of all cancer, and at least 30,000 new cases a year in the United States, making them more common than brain, liver or stomach can-

neries. For patients, such a diagnosis can amount to a double agony — not only do they have cancer, but doctors cannot tell what type of cancer they have.

You don’t believe that in the 21st century it is possible for the medi-

cal profession not to know where the cancer is coming from,” said Sy-

mons’s husband, John.

But now 21st-century medicine may help. New genetic tests may

pinpoint the origin of the mystery tumors. The tests, which cost more

than $3,000 each, still need to prove their worth better, experts say, even though some of them are hopeful.

Obama Puts His Own Spin on The Mix of Science, Politics

By Sheryl Gay Stolberg

President Barack Obama’s di-

rective on Monday to “guarantee scientific integrity” in federal pol-

cy-making could have a far-reaching impact, affecting issues as varied as climate change, national security, protection of endangered species and children’s health.

But it will not divorce science from politics, or strip ideology from science.

Obama delighted many scientists and patients by formally announcing that he was overturning the Bush ad-

administration’s limits on embryonic stem cell research.

But the president also went one step further, issuing a memorandum that sets forth broad ethical parameters for how his administra-

tion would choose expert advisers and use scientific data.

Surprise: Return to Winter!

By Elizabeth Maroon

This afternoon’s chilly, snowy season is not yet over! In the wee-
hours of Monday (around 3 a.m. when I was up pondering today’s forecast), I noticed a chill. When I woke up a few hours later, I witnessed another attack from the snow gods. And yes, there was yesterday afternoon’s snow.

This weekend’s glorious 60 degree temperatures are gone. We move from spring to winter in 24 hours, such is the will of the weather of the Cambridge Mass. But never fear, spring is near! The temperatures this week aren’t returning anywhere near the January abyss, with highs in the mid 40s, and lows in the mid 30s. And after tonight, all the potential precipita-

tion this week is likely to be of the liquid variety.

After yesterday’s low passed over us, we find a region of high pressure over New England. The mid-level trough has pulled out to sea, being replaced by a ridge and drier skies today. But don’t expect the brief dry spell to last very long; the pattern is on its way tonight, bringing up to a gusty one to two inches of rain tonight. On Wednesday, there’s an even better chance of rain, that might a cold front in town. It’s a small chance of bringing dry days and cooler temperatures for Thursday. Coldier temperatures aloft should also keep temperatures cooler than normal conditions for the coming weekend.

Well, I guess we’ll have to wait until after spring break for this glorious Cambridge spring weekend.

Extended Forecast

Today: Partly cloudy with increasing clouds. High near 44°F (7°C).

Todnight: Rain, accumulating less than a quarter of an inch. Low near 34°F (1°C).

Wednesday: About a half inch of rain with a high near 45°F (8°C).

Wednesday night: Cloudy with a chance of rain before 9 p.m.; low in the low 30s.

Thursday: Sunny with a high in the mid-40s.
China Harassed U.S. Ship, The Pentagon Says

By Thom Shanker

WASHINGTON

The United States has lodged a formal protest with the government in Beijing, as American experts said Wednesday that Chinese forces had harassed a U.S. surveillance vessel in international waters in actions that the Pentagon described as illegal, unprofessional and dangerous.

The Pentagon said on Sunday that a total of 75 miles off the coast of Hainan Island, just south of the Chinese mainland, the U.S. vessel, the Impeccable, was conducting a surveillance mission, involving the use of sonar equipment designed for anti-submarine warfare, Pentagon officials said.

The Chinese vessels sailed within 25 feet of the U.S. ship, waved flags and ordered the Impeccable to leave, Pentagon officials said. Two of the Chinese ships blocked the Impeccable after it requested safe transit, while Chinese sailors dropped pieces of wood in its path and tried to hook the vessel's propeller to the sonar equipment, the officials said.

The Impeccable crew sprayed some of the Chinese sailors with a fire hose. Some of the Chinese sailors stripped to their underwear.

The official said the Chinese ships appeared to be a naval intelligence ship, two smaller vessels, Sweeptail Chasse and the new oceanographic ship.

The Pentagon said the Impeccable did not carry large-caliber weapons and was operated by civilians for the Military Sealift Command, though Pentagon officials said that while the diesel variety is not as potent as the Navy's nuclear fast-attack submarines, they do have large-caliber guns and can be purchased in greater numbers, giving the Chinese potential to overwhelm U.S. defenses at sea.

Pentagon officials emphasized that the incident was a worrisome violation of standard rules of international conduct, and ordered the Impeccable to leave. The U.S. Embassy in Beijing has lodged an official protest, and the Pentagon repeated the complaint to the Chinese defense attache in Washington, officials said.

Bryan Whitman, a Pentagon spokesman, denounced the Chinese actions as "reckless, dangerous and unprofessional."

President Barack Obama will have an opportunity to discuss Sunday's incident with his Chinese counterpart, Hu Jintao, when the two meet next month in London at a Group of 20 summit of global economic powers.

The incident, less than two months after the inauguration of Obama, immediately drew comparisons to Chinese actions just weeks into the first term of President George W. Bush.

In April 2001, a Chinese jet-fighter buzzed a surveillance plane in international airspace over the South China Sea, causing a mid-air collision that killed the Chinese pilot and resulted in the detention of the 24-member American crew for 11 days after their plane made an emergency landing on Hainan island.

In addition to presenting the new Bush administration with its first foreign policy challenge, the practice became more frequent with the Reagan administration, but it initially drew little attention.

That changed under Bush, who broke all records, using signing statements to change about 1,200 sections of bills over his eight years in office, about twice the number challenged by all previous presidents combined, according to data compiled by Christopher Kelly, a political science professor at Miami University in Ohio.

Many of Bush's challenges were based on an expansive view of the president's power, as commander-in-chief, to take actions he believes necessary, regardless of what Congress says in legislation. Some concede that the American Bar Association declared that such signing statements were "contrary to the rule of law and our constitutional separation of powers," and called on Bush and all future presidents to stop using them and to return to a system of either signing a bill and then enforcing all of it, or vetoing the bill and giving Congress a chance to override that veto.

Obama Vows Sparing Use of Signing Statements

By By Charlie Savage

WASHINGTON

Calling into question the legitimacy of all the signing statements that former President George W. Bush and other chief executive officials have used to evade or challenge current law, President Barack Obama on Monday ordered executive officials to consult Attorney General Eric Holder Jr. before relying on any of them to bypass a statute or "circumvent the intent of Congress." While the directive was the latest step in his administration's effort to deal with a series of legal and policy disputes inherited from the Bush administration, the new president said Monday that the same day Obama lifted restrictions Bush placed on federal financing for research that uses embryonic stem cells.

Bush's use of signing statements led to fierce controversy. He frequently used them to declare that provisions in the bills he was signing were unconstitutional restrictions on executive power, and that the laws did not need to be enforced or obeyed as written.

The laws he challenged included a ban on torture and requirements that Congress be given detailed reports about how the Justice Department was using the counterterrorism powers in the USA Patriot Act.

Since the 19th century, presidents have occasionally signed a bill while declaring their or more provisions were unconstitutional.

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What if you're looking for summer housing in NYC? Stop your googling.

Just click on www.studenthousing.org/looking. You’ll find clean, modern, safe, affordable summer housing. It’s just that easy.
Opinion

Letters to The Editor

Farley Harassed Me

By chance I stumbled onto an article that was written by Dr. Jonathan Farley that appears in your February 13, 2009 publication, *The Tech*. I have never met Dr. Farley, yet I am subject to his irrational, aggressive and often juvenile behavior. Dr. Charles Kimbrough gave me any telephone number to Dr. Farley several years ago, and, unfortunately, I discovered Dr. Kimbrough was desperately trying to unload the fellow and his persistent and aggressive pursuit and I became an unwitting victim.

As I understood it, Dr. Farley ran into conflict with the Klu Klux Klan subsequent to an article that had been written by said Dr. Farley. On January 13, 2007, I understood that Dr. Farley experienced some conflict with his employer at the time, Vanderbilt University. I was not aware of these incidents, and not certain I was even in the State at the time, but I soon learned that having exhausted University and NAACP appeals, Dr. Farley pursued anyone whom he thought he could intimidate into whatever action per se his cause.

Subsequent to listening to Dr. Farley's prolonged diatribes and monologues, because I could not give him the relief and attention he demanded, he began to harass me. I finally found it necessary to block his number from my telephone line.

To find my name turning up in one of Dr. Farley's "articles of complaint" when don't even know the man, confirms my opinion that this person has some problems and may run the risk of being held accountable for loosely lanterning around the names of individuals. Tommie M. Young, PhD

The Tennessee Judicial Council

Advice 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

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Letters to the editor, columnar, 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. Hand copy submissions should be addressed to The Tech, PO 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 our Web site and/or printed in any other format or medium now known or later that becomes known.

Letters to the editor should be sent to letters@the-tech.mit.edu. Opinions expressed in letters or columns do not necessarily reflect the views of the newspaper. The *Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.
Three Myths About the President’s Budget

Gary Shu

March 10, 2009

Where market demand crashes as drastically as it has in recent months, only the federal government can … jump-start demand quickly enough …

The President’s budget has elicited a vicious backlash from conservative pundits, one that I think is worth addressing head-on. Here are three key myths about the budget that have gained traction among Republicans in recent days.

Myth #1: This is European-style socialism.

One-time Republican standard-bearer and possible 2012 presidential contender Newt Gingrich called the outlines of President Obama’s budget “the boldest effort to create a European socialist model here.” It is true that the proportion of gross domestic product that goes for government is set to climb to nearly 40 percent in the coming fiscal year. This is substantially closer than it ever was to the roughly forty-seven percent of GDP spent by the European Union over the past decade.

However, the undisputed cause of this jump is the federal effort to save our economy, not Obama’s support for new federal programs in areas like health care or environmental security. If this is a question of values, then it is a value that is shared not only by President Obama but also by the vast majority of Americans. When market demand crashes as drastically as it has in recent months, only the federal government can jump-start demand quickly enough—and most Americans believe that today.

That is why Nobel Laureate Paul Kragon, PhD ’77 calls Boehner’s proposal downright idiotic: “It’s not a retrograde to Herbert Hoover, even Hoover knew better than that.”

Myth #2: We need a spending freeze.

House Minority Leader Rep. John Boehner has called for a spending freeze so that we can “show the American people that we’re serious about cutting the budget on spending.” However, the budget deficit was actually caused by the government tightening its belt. When market demand is freezing, a gimmick as morally satisfying as it might be to cut off Washington fat cats in a year when fiscal stimulus is desperately needed, is a formula for economic disaster.

Myth #3: All we need is better regulation.

Conservative columnist Charles Krautham- mer calls Obama’s budget proposal the “greatest non sequitur ever foisted upon the American people.” He argues that, because the economic crisis was not caused by a lack of regulation in these areas, boosting spending now will only be prolonging it: “healthy competition, and a balance of power, and worthiness and weighty as they might be—are not the cause of our financial collapse. And they are not the cure.”

Certainly, the immediate cause of this crisis was nothing to do with health, education, energy — it was triggered by negligent financial regulation and a mad rush to help risky buyers purchase houses they could not afford. However, simply tightening the regulatory system is not going to fix the crisis. The best way to spend is, and that makes it the cure. But not all sectors are created equal. These are strategic industries that will make America more com- petitive down the road and also serve as ideal focal points for employment promotion today.

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All these areas in which America has enormous comparative advantages. Our health care system — in spite of letting far too many
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Steal My Comic

by Michael Ciuffo

The Daily Blunderbuss

by Ben Peters

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 12.

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

Draw comics for The Tech!

join@tech.mit.edu

Seriously, draw comics. We're nice, we promise! Plus, we'll feed you.
ACROSS
1 Odds breaker 6 Auckland to Melbourne crossing 15 Funny-car fuel 17 __ de Guerre 18 Send into seclusion 19 Singer Kazan 21 Amtrak, et al. 22 Ms. Thurman 23 N. Mandela’s party 24 Compass dir. 26 __ de corps 29 Pretense 31 Big band tote 34 Packing case 35 Chatted idly 38 “Lost Boys” co-star 40 Circumvent 43 Conductor Otto 47 Of an arm bone 48 Dynamic start? 49 Audition tape 50 Be appropriate for 52 Tarzan on TV 54 Bad: pref. 55 Part of a min. 56 Tummy muscles 59 Writer Welty 61 Ladylove 62 Part of RFID 66 Gerard of “Green Card” 67 Peevish 68 Strenuous efforts 69 “Skittle Players” painter 70 Denny and the Doughboys

DOWN
1 Release one’s grip 2 Fearsome fish 3 Impassive 4 Gray or Moran 5 Poisonous compound 6 “__ the wind and nothing more” 7 Part of OAS 8 Roman acronym 9 Computer clicker 10 NASD competitor 11 PMs 12 Of stitches 13 Religious recluse 14 Added bubbles to 15 Funny-car fuel 16 False pretenses 17 __ de Guerre 18 Send into seclusion 19 Singer Kazan 21 Amtrak, et al. 22 Ms. Thurman 23 N. Mandela’s party 24 Compass dir. 26 __ de corps 29 Pretense 31 Big band tote 34 Packing case 35 Chatted idly 38 “Lost Boys” co-star 40 Circumvent 43 Conductor Otto 47 Of an arm bone 48 Dynamic start? 49 Audition tape 50 Be appropriate for 52 Tarzan on TV 54 Bad: pref. 55 Part of a min. 56 Tummy muscles 59 Writer Welty 61 Ladylove 62 Part of RFID 66 Gerard of “Green Card” 67 Peevish 68 Strenuous efforts 69 “Skittle Players” painter 70 Denny and the Doughboys

TODAY!!! COURSE 22 NUCLEAR SCIENCE AND ENGINEERING FRESHMAN OPEN HOUSE 2:00 – 4:00pm Twenty Chimneys (3rd floor, Student Center) Come Check out research opportunities and career paths in Nuclear Science and Engineering
Jackson and Hay described themselves as active participants in activities outside the UA, including Greek life and the Freshman Leadership Program. They said that their involvement outside the UA would help build new networks across the entire student body spectrum.

Bennie and Delano agreed there needs to be better communication between students and the administration, adding that their experience in student government would help them work with the administration. “We’ve been here for three years,” said Bennie, who currently serves as UA Vice President. “We have the continuity and know the intangible, inherent knowledge that comes only with experience.”

Delano said that the problem is not the UA, but letting the students know what the UA is doing for them. “We want to make this a two-way street for students,” she said.

Bennie and Delano plan to create a website called “Interact” to increase communication between UA representatives, the student body, and the administration.

Lorgat and Agre took an aggressive stance during the debate by acting as outsiders and criticizing the efforts of the current UA council. When asked about the controversy of MIT’s dining plan, Lorgat said, “People should not be forced to eat.”

As freshmen, Lorgat and Agre tried to separate themselves from their competition by casting themselves as the more energetic and fresh-faced candidates. “We believe we have more time and more energy,” Agre said. He continued by suggesting that the junior candidates will have less time to devote because they are working towards their graduation.

Agre and Lorgat said that they are running for the students’ benefit. “We may not always succeed,” admitted Agre, “but if in the end of the day, we fought and worked by your side, then it will be a success.”

Some spectators were disappointed in the candidates’ lack of energy. UA President Noah S. Jessop ’09 thought that the candidates did not fully understand the role of the UA President.

Jessop said that the candidates should have done more background research on the topics. At one point during the debate, Agre said that the UA should work with the Campaign for Students. Jessop was quick to shout out from his seat in the audience, “That’s why we meet with the CFS leaders all the time.”

More information on the candidates and their platforms can be found on the election website, http://vote.mit.edu. Online voting will take place on March 16-19. Students will also have the chance to vote by paper ballot in Lobby 10 on March 20.
Before releasing its report, the committee will hold a two-week review period when community members can review its plans and make final suggestions. Some in attendance said that two weeks may not be enough time to consider and incorporate remaining concerns voiced by the students.

Denoncourt said the deadline was set by Undergraduate Dean for Student Life Constantino “Chris” Colombo, but that she and the committee will consider requesting an extension.

UA Vice President Michael A. Bennie ’10, who also serves on the committee, said that though additional time may be useful, the committee should finish up its job by the end of the academic year. If the committee has to reconvene next year, it will be short graduating members and may waste time getting back up to speed, he said.

Some UA senators also questioned the makeup of the committee, pointing out that Simmons Hall and McCormick Hall were the only dormitories with official representatives. There was also no representation from the fraternities, sororities, and independent living groups.

UA President Noah S. Jessop ’09, a member of the committee, said that many representatives had graduated and had not been replaced. Some of those vacancies have been filled since the beginning of the academic year, but the committee has decided that membership is now closed.

Flynn said she thought the committee has received ample student input through its student members and that lingering concerns will be heard when the review stage begins following Spring Break.

“We’re hoping that when we go around to the community, that’s when things get filled in,” said Flynn.

Since the report was leaked in February, committee members have said they are committed to increased transparency. Summaries of the minutes of each committee meeting are being posted online at http://web.mit.edu/dining/feedback/blueribbon.html. All but the latest meeting’s summaries were available as of last night. The last committee meeting was last Tuesday, March 3.

When asked why the committee is not posting the full minutes, Denoncourt said committee members wanted to put the information from the meetings in a manner that is more concise, with only the main points highlighted.

The next meeting of the Blue Ribbon Committee on Dining will be this Thursday. Denoncourt said that the committee will be meeting weekly now. In the past, the Committee has convened erratically, with months sometimes passing between meetings.

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The Singapore-MIT Alliance for Research and Technology (SMART) is pleased to announce the establishment of the SMART Postdoctoral Fellows Programme. These awards will provide a unique opportunity for recent Ph.D. graduates to participate in the Singapore-MIT Alliance for Research and Technology (SMART) Centre in Singapore, and to become founding members of an alumni network that we anticipate will continue to evolve and expand over the years. The awards, to be given annually, are open to those with less than three years postdoctoral experience and provided they have received their doctoral degree by September 1, 2009. In addition to a competitive salary, the award will provide both a research grant and a travel allowance. The fellowship recipient would be able to conduct research of his/her own choice in Singapore within, but not necessarily tied closely to a current project in one of the three existing SMART Interdisciplinary Research Groups (IRGs). It is anticipated that the recipients will take up their appointments at SMART by September 1, 2009 or earlier.

For more information about the IRGs and the MIT faculty participants, please view the SMART website at http://web.mit.edu/smart/

**AWARD**

The Awards provides an annual grant of up to $88,000 in salary, $40,000 for research expenditures, and a travel allowance of up to $5,000.00.

**APPLICATION PROCESS**

Applicants should submit by May 15, 2009:

1. Curriculum Vitae not to exceed 2 pages.
2. Complete list of publications. Also, please include one copy each of not more than three of your publications that you consider to represent your best work.
3. A description of the research project you propose to conduct at SMART, including some background/context, technical approach and expected results (no more than two pages).

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1. Infectious Disease, Environmental Sensing and Modeling, and Biosystems and Micromechanics.
Josefsson Discussed Emissions and Electricity Prices

The Museum of Science had one of the more popular booths. It featured a tasty demonstration of thermal energy. A metallic dish focused light from a lamp to toast a marshmallow, which was used to make s’mores for the audience. Another booth, called “How Green is Your Lunch?” diagrammed students’ energy innovations. Hockfield emphasized that the conference was an address by Hockfield, who emphasized the carbon footprint of transporting their produce.

Hockfield said that innovation through alternative energy research would help solve our energy challenge, naming various professors and their research across the Institute. “A great deal of people at MIT are making sure innovations like these don’t just look promising in the lab but carry through successfully to the marketplace and the policy arena as well,” Hockfield said.

The keynote speaker in the morning was Lars G. Josefsson, CEO of Swedish national energy company Vattenfall, one of Europe’s biggest providers of electricity and heating. Josefsson spoke about actions undertaken by Vattenfall to make electricity generation clean. He said their goal is to be carbon neutral by 2050. “If we can do it, anyone can do it,” he added.

He said that most of Vattenfall’s carbon dioxide emissions come from using fossil fuels. He cited carbon capture and sequestration (CCS) as essential to his plan to reduce emissions, despite the procedure’s high cost.

The final cost comes out to 200-350 billion euros, Josefsson said. He tried to put that number in perspective, explaining that it is only about 0.5% of Sweden’s projected 2030 GDP.

Josefsson asked the audience if they thought electricity today was too cheap, too expensive or just right. The vast majority of the audience raised their hands to indicate they thought electricity was too cheap. “I should raise the prices then,” Josefsson joked.

The rest of the conference included panel sessions such as “Advancing Bioenergy,” in which panelists Blake Simmons, Eric Larson, and William Jorgenson talked about creating market for liquid biofuels and how it compares to burning biomass gas. The lunch keynote speaker was the Honorable Jay Inslee, Congressman from Washington.

Plesh Colaturi, a conference and the panel sessions to see “how people are talking about energy issues, what people know and don’t know.” He said he liked getting the chance to meet people in the energy sector, and to see what everyone is working on.

In between the panel sessions were “networking breaks” which allowed attendees at the conference to mingle. Danan McIntyre, an associate from Polaris Venture Partners, said that Polarcher’s interest in energy is to “get exposure to budding entrepreneurs.”

This is the 4th year that MIT’s Energy Club has organized this conference, and attendance was strong. An overflow room had to be used to accommodate 70 more guests on Saturday.

Ilissa Schild G, marketing director for the conference, said that conference’s main purpose was “creating a forum for people to come together and have an open, honest discussion.”

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Stop by Whole Foods Market on March 14, and get a 5” pie for $3.14!

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SEE
Camera Culture
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6 to 8 pm
Ramesh Raskar

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3rd Floor Coffeehouse Lounge
STUDENT CENTER
W20-3rd Floor

Media Lab’s Prof. Raskar will talk about the next generation of digital imaging apps and equipment.

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Brandeis University
MAster of Arts in Teaching
SCIENCE TEACHING MAKES A DIFFERENCE
Solution to Crossword

GRID:

ACROSS:

1. LIGHT (10)

4. CITY (10)

6. FOOD (8)

7. PLAY (6)

8. CLOTHES (9)

9. TOOL (9)

10. ART (7)

11. FLIGHT (8)

12. TALE (8)

13. DATE (7)

14. SCHOOL (10)

15. PEOPLE (10)

16. WIND (7)

17. THEATRE (9)

18. SPY (8)

19. FOOD (9)

20. BIRD (7)

21. FUTURISTIC (10)

22. REVOLUTION (9)

DOWN:

1. BIRD (8)

2. PAPER (10)

3. BEAUTY (9)

4. BEAR (7)

5. BOOK (8)

6. KIT (9)

7. FIRE (10)

8. GIVE (8)

9. KING (9)

10. FRIEND (7)

11. FIGHT (8)

12. FASHION (9)

13. WIRE (10)

14. FIGHTER (9)

15. FROG (7)

16. FUTURE (10)

17. FISH (8)

18. FARM (9)

19. FIRE (7)

20. FIELD (10)

21. FLOWER (9)

22. FIST (8)

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Groups from MIT, Boston University, Wellesley College, Tufts University, and the New England area perform at Footwork, a dance show hosted by MIT Ridonkulous on Friday, March 6. Celebrity guests included Gigi Torres, founder and director of the Essence Dance Company, and Mr. Napkins, a comic and rapper from Cambridge, MA who was Footwork's official MC.

Photograph by Chelsea Grimm

ARE WE MORE THAN MATTER?
Does it matter?

ARTS WED 3/11

Sharper, Flatter? Does it Matter?
8 PM KILLIAN HALL 14W-111
Performances and discussion on music, beauty and their relation to being human with world-class pianist, Mia Chung and progressive saxophonist, Kevin Gosa

SCIENCE FRI 3/13

Matter, Antimatter? Does it matter?
7 PM STATA CENTER 32-123
An antimatter physicist confronts questions of understanding and meaning with Harvard Physics Professor, Gerald Gabrielse moderated by MIT Professor and Head of Department of Nuclear Science and Engineering, Ian Hutchinson

ETHICS SAT 3/14

Moral Mammals? Why Do We Matter?
3 PM STATA CENTER 32-123
A discussion on the implications of atheism and theism for ethics with Princeton Professor of Bioethics, Peter Singer and Yale Professor of Philosophical Theology, John Hare moderated by Princeton Professor of Religion, Eric Gregory

{ The VERITAS FORUM exists to engage students and faculty in discussions about life’s hardest questions and the relevance of Jesus Christ to all of life.

www.VERITAS.ORG/MIT

Page 14 THE TECH March 10, 2009
Poor Perimeter Shooting Costs Engineers Sweet Sixteen Berth

Farmington State, from Page 16

behind its potent perimeter shooting. Freshman guard James D. ‘Junior’ Karraker ‘12 sandwiched a pair of three-pointers around a Bartolotta triple, during the run.

Farmington seniors forward Eras- tus Shannon stemmed the tide with a lay-up, only to see MIT rattled off seven straight points, capped by a Karraker trey at 1:10, to give the En-
gineers their first lead (45-41) since the 4:38 mark of the first half.

The Rams delivered a 16-4 run to match their game-high advantage of nine with 5:41 remaining. Junior forward Daniel Phillips and Shannon each contributed four points during the push.

Showcasing its resiliency, MIT once again came back to cut the defi-
cit down to two points, 63-61, with 1:25 remaining on another Karraker three.

That would be as close as the En-
gineers would get as junior forward Mike Campbell and Cammarata each sank a pair of free throws down the
stretch. Santana finished with 23 points, which included five three-pointers, and a team-high seven rebounds. Shannon scored 10 of his 16 points in the second half, while Cammarata rounded out the trio in double figures with a 14-point effort. The Rams shot 52 percent from the field (26-for-50), including a 30 percent (7-for-14) mark from beyond the three-point line.

Bartolotta led all scorers with 27 points, to go along with seven rebounds and two assists. Karraker scored all 12 of his points over the final 20 minutes, while Johnson grabbed a game-high 11 rebounds. Senior guard Bradley H. Gampel ‘09 contributed four points, six rebounds and a game-high seven assists. The Engineers held the rebounding edge, 35-32, but struggled from the field, shooting just 36 percent (23-for-64) for the game. MIT, which achieved its season alive, but Bartolotta and

Rhode Island College made several
desperation shots in a hope to keep MIT in front, 64-59, with 2:16 left. Four
consecutive free throws by Benson gave MIT a 53-51 lead with five
deadline to the clock. Four consecutive free throws by Benson
delivered the decisive blow with a three off a

RIC was led by Bailey, who fin-
ished with 16 points, while Choice added 12 and Cameron Stewart scored 11. The Anchormen were just

MIT students are seen at Rhode Island College on Friday supporting their basketball team.

MIT Upsets No. 17 Rhode Island

Behind Play of Bender, Bartolotta

RIC, from Page 16

that lasted for the duration of the contest. With MIT’s faithful drown-
ing out the cheers of the hometown crowd, the Engineers reeled off the first eight points of the half to tie the
game. Johnson connected on a three

Senior Spotlight

MIT tri-captains Bartolotta, Gam-
pel, and Johnson close out their col-
lege careers as the best senior class in the history of the MIT basketball program. The trio paced MIT to a four-year best 68 wins, while securing the program’s first NEWMAC Cham-
pionship and first NCAA Tournament berth.

Bartolotta retires with a plethora of institute records, including 2,279 career points and 184 career steals. He also ranks third in career blocks, fifth in career assists, and sixth in ca-

rere rebounds, while leaving as the top three-point and free-throw shooter in Tech’s basketball lore.

Gampel, who set single-season MIT records for assists (207) and steals (80), ranks third all-time in assists, and second to Bartolotta in steals with 183.

Johnson enjoyed a stellar senior campaign and finished the year with 336 career points despite seeing limit-
ted time as a rookie and missing nearly all of his sophomore season due to injury.

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Bartolotta and the Engineers sealed the victory at the free-throw line.

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Men’s Basketball Plays in First-Ever NCAA Tourney

Engineers Come Back to Beat Rhode Island College in OT, 73-68

**By James Kramer**

MIT freshman William E. “Billy” Bender’s legacy as a clutch performer continues to grow. The rookie knocked down four free throws in the final minute to send Friday’s NCAA Tournament First Round game to overtime before coming up with a steal, a key offensive rebound, and two more free throws in the extra session as MIT stunned nationally-ranked No. 17 Rhode Island College, 73-68, in RIC’s Murray Center.

Senior star James M. “Jimmy” Bartolotta ’09 rebounded from a quiet first half to finish with a game-best 27 points. Willard J. “Billy” Johnson ’09 chipped in 10. Bender closed with a game-high 11 rebounds, while freshman James D. “Jamie” Karraker added 19 points on 7-of-11 shooting and a game-high 11 rebounds, while scoring nine of their 12 first-half field goals in the paint. RIC also benefited from an outstanding defensive effort by Little East Conference Player of the Year Bobby Bailey, who prevented Bartolotta from seeing any open looks during the opening frame. After surrendering a 15-2 run to the Engineers early in the half, the Anchormen closed the stanza with a 22-3 run in the last eight minutes.

Trailing 30-22 at the start of the second period, the Engineers received a huge boost from an unlikely source: their fans. Two MIT fan buses parked the Murray Center during halftime and greeted the Cardinal and Gray with a thunderous applause. RIC, Page 15

**Season Ends With Loss to Farmingdale State, 67-61 in Second Round**

By James Kramer

Farmingdale State advanced to the NCAA Division III Men’s Basketball Tournament Sectional Round for the first time in the program’s history on Saturday, defeating MIT, 67-61, at the Murray Center on the campus of Rhode Island College. Senior guard Damian Santana scored 20 of his team-high 23 points in the first half to lead the Rams’ attack.

In a battle of conference Players of the Year, MIT senior guard James M. “Jimmy” Bartolotta ’09 and Santana combined for the game’s first 18 points, as the game was knotted up, 9-9, just two minutes into the action. The Engineers (21-9) took the lead, 10-9, on a free throw by senior forward Willard J. “Billy” Johnson ’09 at 15:07 and held the advantage for the next 12:51. MIT built a seven-point advantage (22-15) following a Bartolotta three at 8:21.

Despite falling behind, the Rams (26-3) closed the half on an 18-4 run to take a seven-point advantage into halftime at 33-26. A triple by senior guard Joe Cammarata shifted the momentum for Farmingdale with 9:10 left in the stanza with the game knotted at 9-9, just two minutes into the action. The Engineers (21-9) took the lead, 10-9, on a free throw by senior forward Willard J. “Billy” Johnson ’09 at 15:07 and held the advantage for the next 12:51. MIT built a seven-point advantage (22-15) following a Bartolotta three at 8:21.

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