WEATHER, p. 2 FRI: 55°F | 38°F SAT: 60°F | 41°F

SUN: 51°F | 43°F

Partly Sunny

Friday, November 12, 2010 Volume 130, Number 53 tech.mit.edu

Two new petitions fight dining process

Next and Baker House concerned about mandatory dining next fall

By Deborah Chen

Two more student petitions against the new dining plan have sprung up this past week, one at Next House and another at Baker.

Early Monday morning, students at Next House submitted a petition to MIT President Susan J. Hockfield arguing that the recently approved HDAG dining plan is "wrong for us, wrong for Next House, and wrong for MIT.

The petition, signed by 63 percent of Next House (232 signatures) argues that the current dining plan is "too expensive" and will "destroy the community at Next House by providing upperclassmen with a financial incentive to move out, making it more difficult to develop long-standing culture."

The petition is the second petition to emerge from the dorm. The first petition, initiated three weeks ago, resulted in a Undergraduate Association bill that urged Chancellor Philip L. Clay PhD '75 to "intervene by halting" the approval process for the new dining plan." Since then, however, the plan has been approved, and the Request for Proposal document was distributed to vendors last week, including Aramark and Sodexo.

Colombo has agreed to meet with the petition organizers next week, they said.

Hockfield has not responded to the petition, and has not replied to repeated inquiries about whether the petition met the threshold required to command her attention.

Clay said in an e-mail yester-

day that "I understand and respect the concerns of the students who drafted the petition, but we must move forward with the new dining program."

"The petition argues for the status quo," Clay said. "Unfortunately, we cannot remain where we are, and we can no longer offer every option to all students everywhere in the system. The current system is simply not sustainable. It also imposes severe limitations on our campus. We want to offer options that include all-you-care-to-eat (which athletes and others want), better hours (which many students desire), Kosher food in every dining hall (which the Hillel community is thrilled about), entrees and other meals that meet halal standards in all five dining halls (which Arab and Muslim students will enjoy), and breakfast (which many students want)."

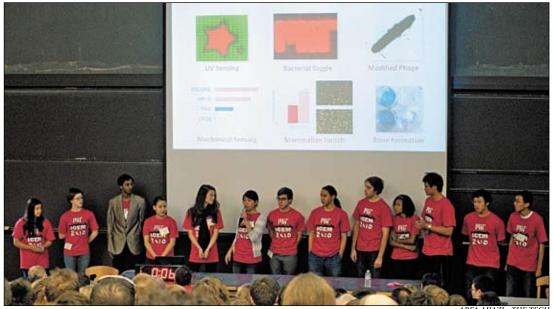
Unlike Clay, Dean for Student Life Chris Colomobo has not responded to The Tech. Tom Gearty, Colombo's spokesman, said the administration would "weigh all student input."

Next House resident Hannah L. Pelton '12, who initiated the petition with fellow resident Austin D. Brinson '13 said, "We know we're not getting an overhaul, but we would like our voices to be heard."

Brinson added, "We want to make it very clear that we support HDAG and respect all the time and effort they have put into this dining plan. We feel, however that there is more work to be done. We're not

Petitions, Page 10

Making photos from phages



The MIT iGEM team opens the floor for questions after their presentation on Sunday.

iGEM, or the International Genetically Engineered Machine competition, is a five-month-long research challenge, which culminated with a jamboree at MIT this past weekend.

For their work, the MIT team received the award for Best Manufacturing Project.

The MIT project had two parts: One part used ultraviolet light to induce bacteriophage production and polymerization, forming a 3D photo using the phage. The other part used pressure to induce mammalian stem cells to differentiate into bone cells.

Awards are given in eight tracks, and the winners of the tracks are considered finalists for the grand prize, the BioBrick Trophy. MIT won its track, but not the grand prize, which went to the team from Slovenia for their work on using DNA-binding regions of proteins to gather together many proteins that are involved in the same biosynthetic pathway.

The MIT team consisted of 13 undergraduates, 10 instructors, and 4 faculty advisors.

To learn more about their project, visit http://2010. igem.org/Team:MIT

The secret to how cats drink, as told to professors by Cutta Cutta

By Nicholas Wade THE NEW YORK TIMES

It has taken four highly qualified engineers and a bunch of integral equations to figure it out, but we now know how cats drink. The answer is: very elegantly, and not at all the way you might suppose.

Cats lap water so fast that the human eye cannot follow what is happening, which is why the trick had apparently escaped attention until now. With the use of high-speed photography, the neatness of the feline solution has been captured.

The act of drinking may seem like no big deal for anyone who can fully close his mouth to create suction, as people can. But the various species that cannot do so - and that includes most adult carnivores - must resort to some other mechanism.

Dog owners are familiar with e unseemly lapping noises that ensue when their thirsty pet meets a pail of water. The dog is thrusting its tongue into the water, forming a crude cup with it and hauling the liquid back into the muzzle.

Cats, both big and little, are

much classier, according to new research by Assistant Professor Pedro M. Reis and Associate Professor Roman Stocker of the Massachusetts Institute of Technology, joined by Sunghwan Jung of the Virginia Polytechnic Institute and Jeffrey Aristoff

Writing in the Thursday issue of Science, the four engineers report that the cat's lapping method depends on its instinctive ability to calculate the balance between opposing gravitational and inertial forces.

What happens is that the cat darts its tongue, curving the upper side downward so that the tip lightly touches the surface of the water.

The tongue is then pulled upward at high speed, drawing a column of water behind it.

Just at the moment that gravity finally overcomes the rush of the water and starts to pull the column down snap! The cat's jaws have closed over

the jet of water and swallowed it. The cat laps four times a second — too fast for the human eye to see anything but a blur — and its tongue moves at a speed of one meter per second

Being engineers, the cat-lapping team next tested its findings with a

Cat lapping, Page 10



By studying MIT Associate Professor Roman Stocker's cat, Cutta Cutta, Researchers at MIT, Tech and Princeton have found that when cats lap, only the top surface of their tongue touches the liquid. Domestic cats lap about four times per second, and each lap brings in 0.1 milliliters of liquid.

DDR could be replaced by smoothies

The UA Committee on Space Planning is working on revitalizing the former game room next to LaVerdes Market on the first floor of the Student Center.

ates in early October showed that about half of want a smoothie cafe in that space, according to William F. Steadman '12, chair of the committee.

The committee is currently looking into who would operate the smoothie store — whether an outside company would be invited to open a shop, or if students could run it.

Another survey will be sent out in the coming week to get a better sense of students' interests. Renovations will need to be done on the room before it can support any food option because it currently

does not have running water.

The game machines were removed from the room about two years ago, when the contractor who owned and maintained them retired.

— Jingyun Fan

A birthday parole for Lori Berenson

Lori Helene Berenson, the former MIT student and political activist imprisoned in Peru, was paroled from prison for the second time on Monday.

Berenson, who withdrew from MIT as a sophomore in 1988, served 15 years out of a 20-year prison sentence for aiding the leftist guerilla group Túpac Amaru Revolutionary Movement, or MRTA (Movimiento Revolucionario Túpac Amaru). She will be

Lori Berenson, Page 11

IN SHORT

MIT and Akamai are suing California-based Cotendo over patent infringement relating to web content delivery software.

Drop date is next week Wednesday, Nov. 17. That's the last day to cancel classes for which you are registered. Drop forms require an advisor's signature.

Swap your lightbulb for a compact fluorescent! The UA will go door-to-door at dorms next week with a supply of 1,000 CFLs. Starting at 9 p.m. each night. Sunday: Bexley, McCormick, Baker. Monday: Burton-Conner, MacGregor. <u>Tuesday</u>: New House, Next House. Wednesday: Simmons, New Ashdown, Random Hall. Thursday: East Campus, Senior House.

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

INDIA & PAKISTAN: A BALANCING ACT

Obama is extending a hand toward India, but he needs to watch out for what Pakistan thinks. OPN, p. 4

A BARBARIC PRACTICE

The US is one of a few countries that still executes its citizens. OPN, p. 5

SAY NO TO MEANINGLESS SEX

You should only have sex if you plan to be with your partner forever. OPN, p. 5



THE DANDY WARHOLS **ARE HIIIGHHHH**

They were kind of boring last Wednesday, but whatever like remember the 90s?

ARTS, p. 6

FOOTBALL ENDS SEASON ON A LOSS

Fighting several injuries this fall, the football team only one of its nine games.

SPO, p. 12

Morld & Nation

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Jewish group criticizes Beck for Soros remarks

Fox News host Glenn Beck was criticized by the Anti-Defamation League, a leading Jewish advocacy organization, on Thursday in response to a televised segment about financier George Soros and the Holocaust.

Throughout three programs this week, Beck has portrayed Soros, a billionaire investor and philanthropist, as a "puppet master" who is "notorious for collapsing economies and regimes all around the world" and whose "next target" is America. Citing Soros' statements about the decline of the dollar, Beck said, "Not only does he want to bring America to her knees, financially, he wants to reap obscene profits off us as well."

Abraham Foxman, national director of the Anti-Defamation League, took issue with Beck's depiction of Soros as a "Jewish boy helping sending the Jews to the death camps," calling it "offensive" and "horrific."

On his Fox program Tuesday, watched by about 2.8 million people, Beck said that during the Holocaust, the 14-year-old Soros "used to go around with this anti-Semite and deliver papers to the Jews and confiscate their property and then ship them off."

—Brian Stelter, The New York Times

Those aboard crippled cruise ship tugged to shore

SAN DIEGO - They arrived at the dock just after 8 a.m., hanging off the balconies at every level, clapping and cheering, looking something like a boatload of refugees eager to debark in a prosperous land. Here, after all, they would be able to get hot showers, toilets that flush and fresh food.

The roughly 3,300 passengers on Carnival's Splendor cruise ship had been at sea for more than 72 hours without electricity, the result of a fire early Monday in the ship's engine room.

Most of them were eager to tell their tales of survival — how they sat by the pool for hours, unable to jump in because there was no chlorine pump, or how they passed the time by rewriting the lyrics of the "Gilligan's Island" theme song to tell of their own

They waited in lines for more than an hour to get their meals of Pop-Tarts, hot dog salads, pickle sandwiches and warm yo-

-Jennifer Medina, The New York Times

Walmart's free shipping adds pressure for smaller retailers

For years, Walmart has used its clout as the nation's largest retailer to squeeze competitors with rock-bottom prices in its stores. Now it is trying to throw a holiday knockout punch on-

Starting Thursday, Walmart Stores plans to offer free shipping on its website, with no minimum purchase, on almost 60,000 gift items, including many toys and electronics. The offer will run through Dec. 20, when Walmart said it might consider other free-shipping deals.

Even before Walmart's surprise move, shipping prices were this holiday season's predicament for online retailers. In a bid for cost-conscious consumers, Target and J.C. Penney introduced their most aggressive free-shipping programs ever, and Sears, Toys "R" Us, Williams-Sonoma and others were trying to match the success of Amazon's shipping program, offering unlimited two-day shipping for an annual fee.

But given Walmart's scale and influence in the marketplace, its free pass for shipping sets a new high — or low — in e-commerce. And it may create an expectation among consumers — free shipping, no minimum, always — that would make it harder for smaller e-commerce sites to survive.

—Stephanie Clifford and Claire Cain Miller, The New York Times

Little harm found if gay ban is lifted, Pentagon report says

By Elisabeth Bumiller

THE NEW YORK TIMES

WASHINGTON — The draft of a new Pentagon report concluded that repealing the "don't ask, don't tell" law would not cause overall harm to the military but might cause temporary disruptions, people familiar with the report said Thursday.

Any temporary disruptions could be mitigated with effective leadership, the draft report said.

The people familiar with the report, who are in favor of repealing the "don't ask, don't tell" law to allow gay men and lesbians to serve openly in the armed forces, also said that the report did not recommend separate housing for gay service members. But they said the report showed that a number of active-duty service members remain opposed to openly gay service, with the largest proportion in the Marines and the Army.

Overall, however, they said that the report showed that the majority of active-duty service members and their families did not care if gay men and lesbians served openly.

The report, which is under review by the Pentagon's civilian and military hierarchy, is due to be released Dec. 1. A number of its details were first reported Thursday by The Washington Post.

Aubrey Sarvis, executive director of the Servicemembers Legal Defense Network, which represents some of the 13,000 gay men and lesbians discharged from the military since the 17-year-old law took effect, in part blamed the leadership of the Army and Marines for the opposition to repealing "don't ask, don't tell" among their rank-and-file.

"While the culture in those two branches may be somewhat different than the other services," Sarvis said, "before the surveys were even launched, the leadership at the very top within the Marines and Army had biased the survey by expressing their hostile opposition to open service."

Sarvis was referring to comments earlier this year by Gen. George W. Casey Jr., chief of staff of the Army, and Gen. James T. Conway, at the time the commandant of the Marine Corps, expressing deep concern about moving rapidly to repeal "don't ask, don't

Last weekend the current commandant of the Marine Corps, Gen. James F. Amos, told reporters in California that ending the ban in the middle of two wars would involve "risk" for Marines. He said, 'There is nothing more intimate than young men" who are "laying out, sleeping alongside of one another and sharing death, fear and loss of brothers."

Amos was quickly rebuked for his comments by Adm. Mike Mullen, chairman of the Joint Chiefs of Staff, who supports repeal. On Thursday, Amos' spokesman, Maj. Joseph M. Plenzler, said that Amos comments had been about the nature of human interaction on the battlefield, not sleeping arrangements. Plenzler said that Amos had introduced his comments with the sentence, "There's nothing more intimate than combat, and I want to make that point crystal clear."

'Palin's Alaska': fishing, climbing and feeding a following on TV

By Alessandra Stanley

Sarah Palin says her new series on TLC is not a reality show, and she has a point. The show is not an outdoorsy version of celebritydysfunction shows like "Keeping Up With the Kardashians" or "The Has-

"Sarah Palin's Alaska," which begins Sunday, is odder than that. The snowcapped mountains, pine forests and shimmering lakes are majestic, the Palin children are adorable and the series looks like a travelogue wholesome, visually breathtaking and a little dull. In a way it's like "The Sound of Music" but without the romance, the Nazis or the music.

There are a few shots of the great indoors, coyly edited scenes of family friction that are de rigueur in reality shows. In one, Palin asks her teenage daughter, Willow, to do a chore, and Willow, just rising around noon, answers sarcastically, "Sorry, no can do," as she inspects the fridge.

But mostly, the eight-part series lives up to its title — the camera follows the former Alaska governor and Republican vice presidential nominee as she fishes, hunts, dog-sleds and rock-climbs. It's a nature series for political voyeurs: Viewers get to observe Palin observing nature.

And to her credit, the governor who quit the job with more than a year left to her term doesn't use the camera crew to recast her image or pad gaps in her resume. She doesn't pore over position papers in a booklined study, phone foreign leaders or even watch "Jeopardy."

Mostly she has fun outdoors. That includes white-water rafting, kayaking, salmon fishing and climbing glaciers.

'You know what they say," she says to the camera after a disappointing fishing trip. "A poor day of fishing beats even a great day of work."

When she works, it doesn't take up a great deal of time. Palin slips out of her hoodie and running shorts and into a red power blazer, dons an earpiece and talks to Fox News in a makeshift television studio next to her house as her husband, Todd, works the camera.

Her preparation is homespun.

"So, Todd," Palin asks from her desk seconds before airtime, "if they want a personal example — with all the uncertainty regarding what new taxes may be hit - that would influence how many guys you would

A reality show is a risky step for any politician, but then Palin is no ordinary politician. It's still not clear whether she plans to run for president in 2012 or is just riding high on her popularity and fame. The TLC program highlights her physical bravery, but the series' existence points to a different kind of courage: Palin is not afraid to be herself.

WEATHER

Thanks to a very warm fall, first snow yet to come

By Reena Joubert and Vince Agard STAFF METEOROLOGISTS

New students awaiting their first Boston snowfall will not see it too soon. While November often means the start of snow season in New England, this fall has on average been unseasonably warm so far. This pattern will continue this weekend, as high pressure over will make for clear, dry conditions. In fact, a beautiful weekend is in store for most of the eastern United States, as a large frontal boundary will remain stationary over the Midwest, leaving warm

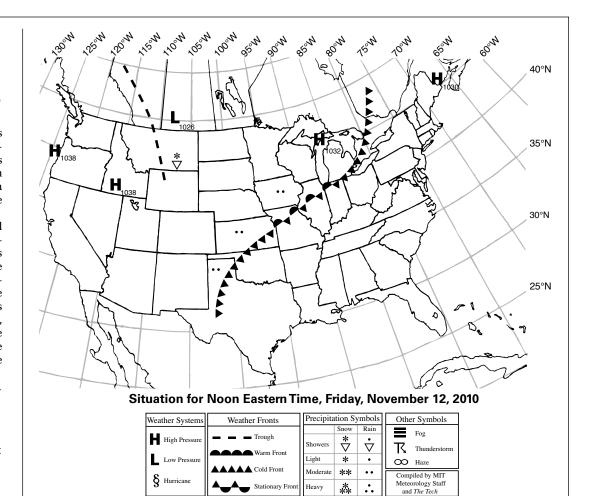
temperatures and calm winds to its east. This pleasant weather won't last forever, though, as the cold front will finally reach us on Sunday, making things a bit colder and cloudier for the start of the week.

As far as that first snowfall is concerned, some precipitation is likely later next week as high pressure moves offshore and is replaced by a low pressure system progressing up the Eastern seaboard. Snow lovers shouldn't get their hopes up, though - temperatures are expected to remain well above freezing for the duration of the

Extended Forecast

Today: Sunny, high 55°F (13°C). Winds N at 8-12 mph. Tonight: Clear, low 41°F (5°C). Winds N at 6-10 mph. Tomorrow: Sunny and calm, high 60°F (16°C) Wind N at

Sunday: Partly sunny, highs in the low 50s °F (11°C). Monday: Mostly cloudy, highs in the mid 50s °F (12°C).



Hoping for magic, start-ups follow Twitter into the building

By Claire Cain Miller

THE NEW YORK TIMES

SAN FRANCISCO — When Joe Fernandez, a tech entrepreneur, moved his start-up here last spring, a big goal, he said, was "to be best friends with the Twitter guys." His theory was that by hanging around with executives at one of the hottest tech companies today, some of the magic could rub off.

And so he snagged an office at 795 Folsom, Twitter's headquarters in the SoMa neighborhood. There, he has been stalking executives on — where else? — Twitter, to see who is to visit Twitter's offices. When he finds out, he pounces and "hijacks the meeting," he said, by asking them to swing by his company, Klout.

By doing that, he has met Robert Scoble, the influential technology blogger, and Steve Rubel, director of insights for the digital division of Edelman, the big public relations firm, and has spotted rapper Kanye West in the lobby on his way to Twitter.

Through elevator and lobby runins, he has also forged a close enough relationship with Twitter's chief executive, Dick Costolo, that Costolo is helping Klout raise venture capital.

"Now I have his cell phone, and I text him," Fernandez said.

Fernandez is not the only Silicon Valley entrepreneur trying to follow Twitter — literally. Although the beige-and-brown office building on Folsom doesn't have a gym, a cafeteria, decent iPhone reception or a particularly attractive facade, tech startups are jostling to rent offices there. Like middle schoolers drawn to the popular kid's table in the lunchroom, they are hoping that proximity to Twitter will lead to chance encounters in the elevator, partnerships or an acquisition — or simply that some of Twitter's fairy dust will land on them.

Twitter moved in last year and expanded a floor in May. Among the start-ups that have moved in since are Klout, which helps marketers reach influential people on Twitter; Storify, a service for building online articles out of media like Twitter; and Liquid Traffic, an online marketing company. All say a top requirement in renting office space was to be near Twitter.

FCC investigates Google street view over Wi-Fi data collection

WASHINGTON — The Federal Communications Commission said Wednesday that it was investigating whether Google had violated laws when it collected Wi-Fi data as part of its Street View photo project.

News of the FCC investigation, which has been under way since spring, came just two weeks after the Federal Trade Commission halted its own inquiry into the Google project without taking action.

"Last month, Google disclosed that its Street View cars collected passwords, e-mails and other personal information wirelessly from unsuspecting people across the country," Michele Ellison, chief of the FCC's enforcement bureau, said Wednesday in a statement.

Street View is a project that Google began in 2007 to add street-level pictures to its mapping service. The images are collected by cars that use cameras to capture 360-degree views and link the images with GPS data. The project has expanded across the United States and into at least 30 other countries.

More recently the cars were also recording information about Wi-Fi networks in nearby homes and businesses, data that can be used to help mobile devices determine their locations. But Google went beyond noting the existence of such networks and recorded information that was being sent over them.

-Edward Wyatt, The New York Times

Obama's economic view raises hackles of many major US allies

By Sewell Chan, Sheryl Gay Stolberg and David E. Sanger

THE NEW YORK TIMES

SEOUL, South Korea — President Barack Obama's hopes of emerging from his Asia trip with the twin victories of a free trade agreement with South Korea and a unified approach to spurring global economic growth ran into resistance on all fronts Thursday, putting Obama at odds with his key allies and largest trading partners.

The most concrete trophy expected to emerge from the trip

eluded his grasp: a long-delayed free trade agreement with South Korea, first negotiated by the Bush administration and then reopened by Obama, to have greater protections for U.S. workers.

And as officials frenetically tried to paper over differences among the Group of 20 members with a vaguely worded communique to be issued Friday, there was no way to avoid discussion of the fundamental differences of economic strategy. After five largely harmonious meetings in the past two years to deal with the most severe down-

turn since the Depression, major disputes broke out between Washington and China, Britain, Germany and Brazil.

Each rejected core elements of Obama's strategy of stimulating growth before focusing on deficit reduction. Several major nations continued to accuse the Federal Reserve of deliberately devaluing the dollar last week in an effort to put the costs of America's competitive troubles on trading partners, rather than taking politically tough measures to rein in spending at home.

FDA moves to take the glamour out of smoking

WASHINGTON — Federal drug regulators Wednesday unveiled 36 proposed warning labels for cigarette packages, including one showing a toe tag on a corpse and another in which a mother blows smoke on her baby.

Designed to cover half the surface area of a pack or carton of cigarettes, and a fifth of any advertisements for them, the labels are intended to spur smokers to quit by providing graphic reminders of tobacco's dangers. The labels are required under a law passed last year that gave the Food and Drug Administration the power to regulate, but not ban, tobacco products for the first time.

Public health officials hope that the new labels will re-energize the nation's anti-smoking efforts, which have stalled in recent years.

Some cigarette manufacturers vowed to fight the labels in federal court, saying they infringe on the companies' property and free-speech rights. A federal judge in Kentucky ruled in January in a related lawsuit that the FDA could require graphic warning labels but that a proposed restriction intended to eliminate attractive coloring from cigarette packaging infringed on free speech. That ruling has been appealed.

—Gardiner Harris, The New York Times

Fall 2010 Wulff Lecture

Wednesday, November 17, 2010 5:00–6:00 pm Room 32-123 Reception immediately following

Computationally Designing
Materials for the
Clean
Energy Environment
Professor Gerbrand Ceder

R. P. Simmons Professor of Materials Science and Engineering

Department of Materials Science and Engineering

The need for novel materials is the technological Achilles Heel of our strategy to address the energy and climate problem facing the world. The large-scale deployment of photovoltaics, photosynthesis, storage of electricity, thermoelectrics, or reversible fuel catalysis cannot be realized with current materials technologies. The "Materials Genome" project, started at MIT, has as its objective to use high-throughput first principles computations on an unparalleled scale to discover new materials for energy technologies. This talk will address successful examples of high-throughput calculations in the field of lithium batteries and discuss other materials challenges in the energy field.

The Wulff Lecture is an introductory, general-audience, entertaining lecture which serves to educate, inspire, and encourage MIT undergraduates to take up study in the field of materials science and engineering and related fields. The entire MIT community, particularly freshmen, is invited to attend. The Wulff Lecture honors the late Professor John Wulff, a skilled, provocative, and entertaining teacher who inaugurated a new approach to teaching the popular freshman subject: 3.091 Introduction to Solid State Chemistry.





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SURVEY ANALYSIS

Political preferences by gender

By Ethan Solomon

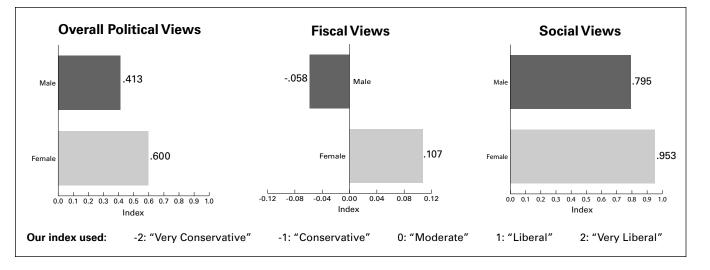
During the week of October 25, *The Tech* surveyed 2,145 graduate and undergraduate students, or nearly 20 percent of the student population at MIT, about their political views. On Election Day, November 2, we published a breakdown of some of the more interesting results, and promised to publish more in the coming weeks. Conspicuously absent from our original

analysis was a gender breakdown, which is presented here.

All in all, 1,233 males and 882 females responded to our survey. The response rate from those identifying themselves as "Intersex," "Transgender," or "Other" were not high enough to establish significant conclusions. When asked how they viewed themselves on a spectrum from "Very Conservative" to "Very Liberal" in a general political sense, women tended to lean more liberally than men. Using an index with zero representing a response of "Moderate" and 1 representing a response of "Liberal," women averaged to about 0.6, while men averaged to a significantly lower 0.4. So, MIT men and women are both, on average, more liberal than moderate, but women more so.

Where does this difference come from?

When asked to rate their fiscal views, male's responses averaged to -.058, with zero representing a response of "Moderate" and -1 representing a response of "Conservative." Women, in contrast, averaged to .107, with 1 representing a response of "Liberal." Both are clustered fairly close to an overall "Moderate" stance, but these differences are statistically significant - men are fiscally more conservative than women (and overall, men are very slightly leaning conservative in a fiscal sense). In a social sense, men achieved an index of .795 and women .953, both pretty close to a response of "liberal." In general, then, men are more conservative than women in both the social and fiscal spheres, but on the whole, both MIT men and women are quite liberal in a social sense.



The President's balancing act

Obama must carefully approach our new relationship with India

By Andy Liang

STAFF COLUMNIST

SATURDAY, NOV. 6: President Obama arrives in Mumbai, India. Down the Air Force One jet ladders, he and his wife wave and smile. Indian Prime Minister Manmohan Singh greets the president and first lady. Maharashtra Chief Minister Ashok Chavan gives Obama a memento, Michelle a bouquet. Hands shake hands. Obama and his wife are led to the Taj Hotel where they will stay the first day of the ten-day visit in Asia.

In other news, our unemployment rate stands at 9.6 percent. Many are still left jobless. Insurgent Republicans won the House and eroded the Democratic majority in the Senate in hopes of reshaping fiscal policy. Obama's trip to India will help him redeem his losses.

India is US's 12th largest trading partner. Obama hopes to assess the potential for expanded economic cooperation with the South Asian nation. Prior to the president's visit, the U.S. had dozens of pending export deals with India, with a total net worth of \$10 billion — potentially creating 54,000 jobs in the United States. Moreover, Indian companies have struck plentiful trade deals. Spice Jet Airplanes purchased 33 737s, Reliance Power purchased \$750 million worth of turbines, the Indian Air Force purchased \$5.8

billion worth of 10 C-17s and purchases for dual-use technologies are pending.

Obama is on one serious business trip. India is an emerging global power, and Obama wants to position the United States to capitalize on a positive relationship with the growing economic giant. He's asked for increased market access and easier foreign investment-making.

But more is expected of Obama than just business deals. Currently, there remains tension between India and Pakistan from the Nov. 26 attack on the Taj Hotel in Mumbai by Pakistan-based militants, Lashkar-e-Taiba. India has all but called off the peace process ever since. Now, India is leaning on Obama to take diplomatic authority and address the complex relationship between India and Pakistan.

But Obama took the high road. Obama went to the Mumbai attack site, met survivors, and commemorated the deaths at a nearby memorial by delivering a maiden speech. India's main opposition party, the Bharatiya Janata Party, called Obama's speech "a disappointment," for not having declared Pakistan responsible for the attack. When visiting St. Xavier College in Mumbai, Obama was asked by students about his stance on the political state of Kashmir. He dodged the question by reaffirming that more dialogue is needed first between Pakistan and India.

Now, Obama has welcomed India with open arms to a permanent seat in the U.N. Security Council, deepening bond of trust between the U.S. and India. But this open embrace drew a backlash from Pakistan, which released a response saying that Obama's move was a "huge disappointment." Pakistan's president, Asif Ali Zardari, will try to persuade Chinese president, Hu Jintao, to help block India's seating. But any outreach to India will incur criticism from Pakistan, and vice-versa. Indeed, Indians criticize Obama's speech for being too soft on Pakistan; they urge him to declare Pakistan a "terrorist state." But the President hasn't budged. So is Obama partial to India or to Pakistan?

The truth is, Obama is appeasing both sides. Obama's priority is to lay the foundation for international business growth. His agenda for Pakistan will not be compromised by that of India. His role is not to mediate — he has enough problems doing that at home. He condemns the Nov. 26 acts of the terrorism but he will not declare Pakistan a terrorist state because they still have a major role to play in Afghanistan. Thus, Obama wants the U.S.-Pakistan relationship to stay firm, so he will not bow to Indian pressure to condemn Pakistan for acts of terrorism. He wants India and Pakistan to pursue a "healthy dialogue" — but he will leave it at that.

CORRECTIONS

The article about Commencement speaker Ursula Burns incorrectly stated that the MIT Corporation make the final de-

cision selecting the Commencement speaker. In fact, it is President Susan Hockfield who has the final say.

Also, Graduate Student Council president Ulric Ferner did not graduate from MIT as an undergrad in 2010.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Steve Howland, Editor in Chief Jeff Guo, Managing Editor David M. Templeton, Executive Editor Natasha Plotkin, Opinion Editors Joseph Maurer and Ethan Solomon, and Advisory Board member Andrew T. Lukmann.

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

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Friday, November 12, 2010

Bring the U.S. out of the Dark Ages

The death penalty remains expensive and ineffective — and barbaric

By Ryan Normandin
STAFF COLUMNIST

Every four years, the United Nations undertakes a review of member nations' human rights situations. The United States was recently evaluated, and one conspicuous recommendation was that the country abolish the death penalty.

"While we respect those who make these recommendations, we note that they reflect continuing policy differences, not a genuine difference about what international law requires," said the U.S. State Department's legal adviser, Harold Koh.

While Mr. Koh is correct in pointing out that the death penalty is not technically illegal, the facts show that the policy is both costly and ineffective. According to deathpenaltyinfo.org, a database of death penalty statistics and information, the South conducted 1,000 executions since 1976, the year that the Supreme Court ruled capital punishment to be constitutional after a fouryear ban. But the same region had the highest annual murder rate in the country between 2001 and 2009, fluctuating between 6 and 7 per 100,000 people. The Midwest and the West had murder rates hovering around 5, while conducting 141 and 67 executions, respectively. The Northeast, which has conducted only 4 executions since 1976, has the lowest murder rate, consistently coming in at around 4 per 100.000.

These statistics can be broken down even further. In 2009, the average murder rate for states with a death penalty was 4.9 per 100,000 people, while the average murder rate for states without a death penalty was only 2.8. Furthermore, in 2009, of the 25 states with the highest murder rates, 23

of them have death penalties. According to information from the Census department, in 2006, of the 25 states with the most violent crimes, 21 of them had death penalties. States that use the death penalty do not see lower murder rates.

And yet, the death penalty imposes an enormous financial burden on our country. In nearly all states with a death penalty, it costs more annually to carry out carry out an execution than sentence someone to lifetime incarceration. Based on a 2008 report from the Commission on the Fair Administration of Justice, the annual cost of the death pen-

Census department data from 2006 shows that 21 of the 24 states with the most violent crimes had death penalties.

alty system in California is conservatively estimated to be \$137 million, when the additional appeals and investigations are included. The cost of a system which imposes a maximum penalty of lifetime incarceration in place of the death penalty would be \$11.5 million. A 2004 report shows that in Tennessee, it costs 48 percent more to conduct a death penalty trial than the average trial where a prosecutor is seeking life imprisonment. And according to a study conducted in December 2003, in Kansas, investigation costs in death penalty cases were 300 percent greater than those in non-death cases. Financially, the death penalty isn't worth it. Alternative options, namely life imprisonment, cost substantially less and still remove societal threats.

In addition to its ineffectiveness and high cost, the death penalty is a permanent sentence issued by an imperfect system. That is, someone who is found to be innocent after conviction can be released from prison, but they can't be brought back from the dead. How often does this happen? Remarkably, quite frequently. Since 1973, 138 people in 26 states have been released from death row after having been proven innocent. Some have been exonerated through DNA evidence, which was not done before 1989. It leaves us to wonder just how many innocent people the state and federal government has executed through this grossly ineffective policy.

It is shameful that the United States still utilizes such a barbaric sentence. The Code of Hammurabi, which established the idea of an "eye for an eye," was written in 1760 B.C., yet the U.S., one of the most advanced and democratic countries in the world, still adheres to it. There is not a single other major democratic power that still uses capital punishment. In fact, in 2008, the countries with the most executions were China, Iran. Saudi Arabia, the United States, Pakistan and Iraq, in that order. To be grouped with such backward, undemocratic, and human rights deficient countries is disgusting. Furthermore, sitting on death row has been known to induce "death row syndrome," marked by dangerous insanity, delusions, and suicidal tendencies. With an average time of 12 and a half years spent on death row between conviction and execution in 2007, a sentence of capital punishment is tantamount to torture. Torturing and killing convicted felons is immoral in every sense of the word, and should be done away with.

The death penalty does not work. Instead of discouraging crimes, states with the death penalty have the highest crime rates in the country. And not only is the policy ineffective, it is costing taxpayers exorbitant

Torturing and killing convicted felons is immoral in every sense of the word, and should be done away with.

amounts of money, especially when compared to the cheaper costs of alternative sentences. Sentencing is not infallible; many innocent individuals have been sentenced to death row and, unlike other incorrect sentences, the death penalty cannot be undone. Even while waiting on death row, the psychological torture and subsequent execution that takes place is not fitting of a country held in such high moral regard as the United States. Just because the execution is taking place in a clean white room does not change the fact that it is murder. It is unreasonable to condemn murder, and then enact just that upon the perpetrator. There is no logic behind keeping such a defunct and morally abhorrent policy in place. While there may not be a basis in international law for making the death penalty illegal, there is certainly strong data suggesting that governments at the state and federal level should repeal the policy for its lack of effectiveness, high costs and immoral nature.

Mankind is made for giving

Sex without commitment is dishonest and meaningless

By Russell Rodewald

Our society is provided with numerous examples of high-profile individuals who give a great deal. Among businesspeople, Bill Gates and Warren Buffet first come to mind. Among singers, Bono is arguably the most visible face of philanthropy. Yet they are not alone: countless other businesspeople, singers, actors, and actresses join them in making substantial gifts to charity with the hope of helping others.

As the high-profile have given, they have set an example for the rest of us to the follow. In a recent article, The Wall Street Journal explained how to maximize the effectiveness of one's gifts to charity when the markets are down. Worldwide, Americans are regarded as a very generous people, due to millions giving of themselves.

But one need not have a lot of money or even a high profile to serve his fellow man. Volunteers erect houses for Habitat for Humanity, cook for the homeless at CASPAR, and clean the banks of the Charles. D-Lab and the Public Service Center connect MIT students with needs both in Boston and in the furthest corners of the Earth. Further, organizations on campus make available resources for students who wish to do such cornigon.

The fundamental issue is not whether there is access to contraceptives, but what attitudes are cultivated regarding the sexual act.

Some make serving others an explicit vocation. I personally know a young man who left a job, took a fifty percent pay cut, and joined the Navy to serve this nation. He and his fellow soldiers prepare to greet death in service to this great nation. Firefighters and policemen, too, place themselves in danger while serving their fellow man.

But one not need give up one's life for service: Teach for America inspires young college graduates to serve in areas where good education is tough to come by; teachers everywhere who give their all to ensure their students learn are serving this nation.

What unites all forms of service is that,

when well practiced, it provides a sense of fulfillment to the servant and gives his or her work a great deal of meaning. That many continue to give greatly despite the costs in time and capital affirms that there is something sufficiently profound about such service.

Yet what of the very personal mission of service that occurs in the home?

The service of mothers and fathers is often overlooked and not given the respect that it is due. Children raised in a loving home with a mother and father have been shown to have several advantages over children who have not been raised in such an environment. The importance of a family is so strong that Rick Warren and other Christian leaders have called on Christians to adopt children and raise them as their

This year, we have seen this kind of adoption happen on the silver screen in The Blind Side, and we have read in the Wall Street Journal that one group moved 5/8ths of Colorado children in foster care to permanent homes in under two years.

In these cases, the parents adopting their new children have allowed love to overcome vanity, and have prepared themselves to make great sacrifices for their new children. With the cost of raising a child to the age of 18 in this country exceeding \$115,000 according to MSN Money, this is no small sacrifice.

All of this deals with mothers and fathers. But what about people like us, MIT students? Can we serve in an intimate capacity as well?

The answer is a resounding yes.

As we form relationships with others, we lay the foundations of family. When we gain intimacy with another, we have nothing behind which to hide. We are vulnerable. And in our vulnerability, we must find a partner in whom we can trust. Failure to do so can lead to harm: emotional, psychological, spiritual, and in some unfortunate cases, physical.

Part of this trust is giving what we can rightfully give. Will we be there forever for our partner? Will we give it our all to cultivate an undying and unconditional love for our partner? Are we both capable and willing to support our partner and our partner's potential children? An answer of "no" to any of these questions would suggest that it would be irresponsible at best to achieve the greatest physical intimacy with our partner through the sexual act.

Contraceptives, however, have allowed and even encouraged non-monogamous sexual activity that flies contrary to the very meaning of service inherent in the sexual act. This meaning of service is manifest in the act by the sacrifice one must be prepared to make of himself or herself for the children potentially begotten by the act.

While Dr. Finer is justified in clarifying statistics on unwanted pregnancy and the use of contraceptives (Letters to the Editor, November 9 issue of *The Tech*), and while contraceptives are nearly completely effective when used properly and consistently, he misses the point: contraceptives are available in this country and have been available for about half a century, yet we still have a high unintended pregnancy rate. The fundamental issue is not whether there is access to contraceptives, but rather what attitudes and behaviors are cultivated regarding the sexual act. Using contraceptives properly comes down to a behavioral issue, not a technological issue. Proper and consistent usage would require a change in behavior, but it would still lead to problems: who wants to achieve the greatest physical union with another only to say, "I don't love you. I don't want to be with you forever. I support your children.

Since the issue is one of change in behavior and attitude, why not move in the direction of greater meaning? Mankind was made to serve others, and it is this service that gives meaning to any number of actions. At MIT, we are regarded as the future leaders of the world. We serve as examples, and people everywhere watch what we say, do, and think. Let us, then, make the most of our position and drive a meaningful change. In our lives, in the domain of what we can control, let us live meaningfully through serving others. Let us serve others not only through the jobs we take or the volunteer activities in which we are involved, but also through our closest and most intimate relationships.

Let us be honest, genuine, and respecting of our partners, knowing when to say "no, we aren't ready," and when to say "yes, I love you so much that I will give of myself to be with you and your children forever." In the sexual realm, *this* is the fundamental choice that must precede all others. Let our community demonstrate how this choice can be made with meaning!

Russell Rodewald is a graduate student in the Department of Nuclear Science and Engineering.

UA UPDATES & ANSWERS

Last Wednesday, at the Exec meeting at Senior House, there was a strong discussion on summer housing. The general student input favored more available student summer housing at the respective dorms, especially when space and money permits. Following that was a more thorough discussion on Kendall Square changes and renovations. Various ideas, from grocery stores, boutiques, and coffee shops to live music, event space, and internship offices for startups or UROPs were presented. The UA continues to seek students who are interested in joining a committee that discusses the future of Kendall Square. Please e-mail ua@mit. edu if you are interested.

Ideas for Kendall Square included grocery stores and offices for internships and startups.

At this past Monday's Senate meeting, we invited Noah Jessop '09, former UA President and Maggie Delano '10, former HA Vice President and Vice Speaker of the Senate, to be on a guest panel. They gave constructive advice from past experience on how to handle effective communication between students and the administration. It was briefly mentioned, during some opening remarks, that Senators will be running their constituency events soon; please look forward to attending these events at your living groups! Logistically, a bill previously passed on minutes was vetoed in order to maintain the full transparency of the UA via verbatim minutes. Also, a bill to work with HDAG was postponed indefinitely, and a bill to update the constitution was postponed until next

Finally, the UA ran it's first midnight Study Break last Wednesday at 11:59 p.m.! It had some tremendous turnout, and we look forward to seeing you join us with issues and questions while chowing down on tasty food at our next study break! Feel free to e-mail <code>ua@mit.edu</code> if you have any concerns in the meantime.

— Alec Lai, UA Secretary-General 6 THE TECH FRIDAY, NOVEMBER 12, 2010

CONCERT REVIEW

Uninspired but familiar

The Dandy Warhols take their greatest hits from a bong

The Dandy Warhols **Royale Boston** November 3, 2010

By Charles Lin

I found the remnants of Gen X last Wednesday. They were stoned at the Dandy Warhols concert at the Royale on Tremont St. This must have been their last bastion of sanctify from the crippling recession, overdue payments on the BMW, and the fact that mom and dad borrowed away their future for that house on Nantucket.

But you know what? We live in crappy times, and nothing says escapism like lighting up a joint and watching your favorite 90s stoner band playing a smattering of old

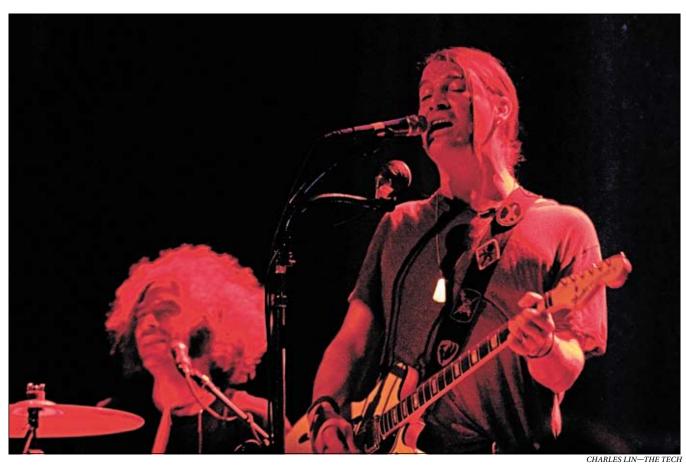
"I love it when the whole place reeks of reefer," lead singer Courtney Taylor-Taylor proclaimed to the crowd. Or something to that effect. I couldn't remember the exact words, but neither could he. Hint: he was hiiiiiiighhhh. Double hint: they were all highhhhhhhh.

He went on to brag about getting legally high in Canada, getting illegally high before the show, and probably got high during a brief interlude to celebrate guitarist Peter Holmstro(double dots above the o)m's

As for the music, there are two Dandy Warhols: 1) the innovative and catchy west coast band with 70s roots, and 2) the droll and uninspiringly generic stoner soundtrack. Guess which one showed up?

The performance was monotone, blurred, self gratifying, and generic. Exactly what you'd expect from a standard mid 90s band hotboxed in the garage. Not what you'd expect from the influential Portland band with 17 years under its belt. The setlist, concentrated with selected hits from their 1997-2004 hay day, fell flat. I don't know how, but they made some of my favorite songs seem outdated and bland. I went back and listened to the original album versions. Although some songs show their age, they are for the most part enjoyable. Live? They clanged. "Everyday is a holiday" and "We used to be friends" sounded absolutely depressing. Taylor-Taylor and his cohorts resorted to annoying flanger effects, singing through a megaphone distorter (the precursor of autotune), and all of the bad tropes of 90s rock. It was worse than bad Collective Soul.

But if this is escapism, maybe this is what the crowd wanted? Vaguely familiar tuneskies from college days, a joint and a beer. Nothing challenging, nothing unfamiliar. Nothing to portend the dreaded 2000s. If you get high enough — and at a show like this you might — then I've got some dot com stocks to sell you.



Peter Holmström's Birthday on tour...he definitely lit up like a cake.

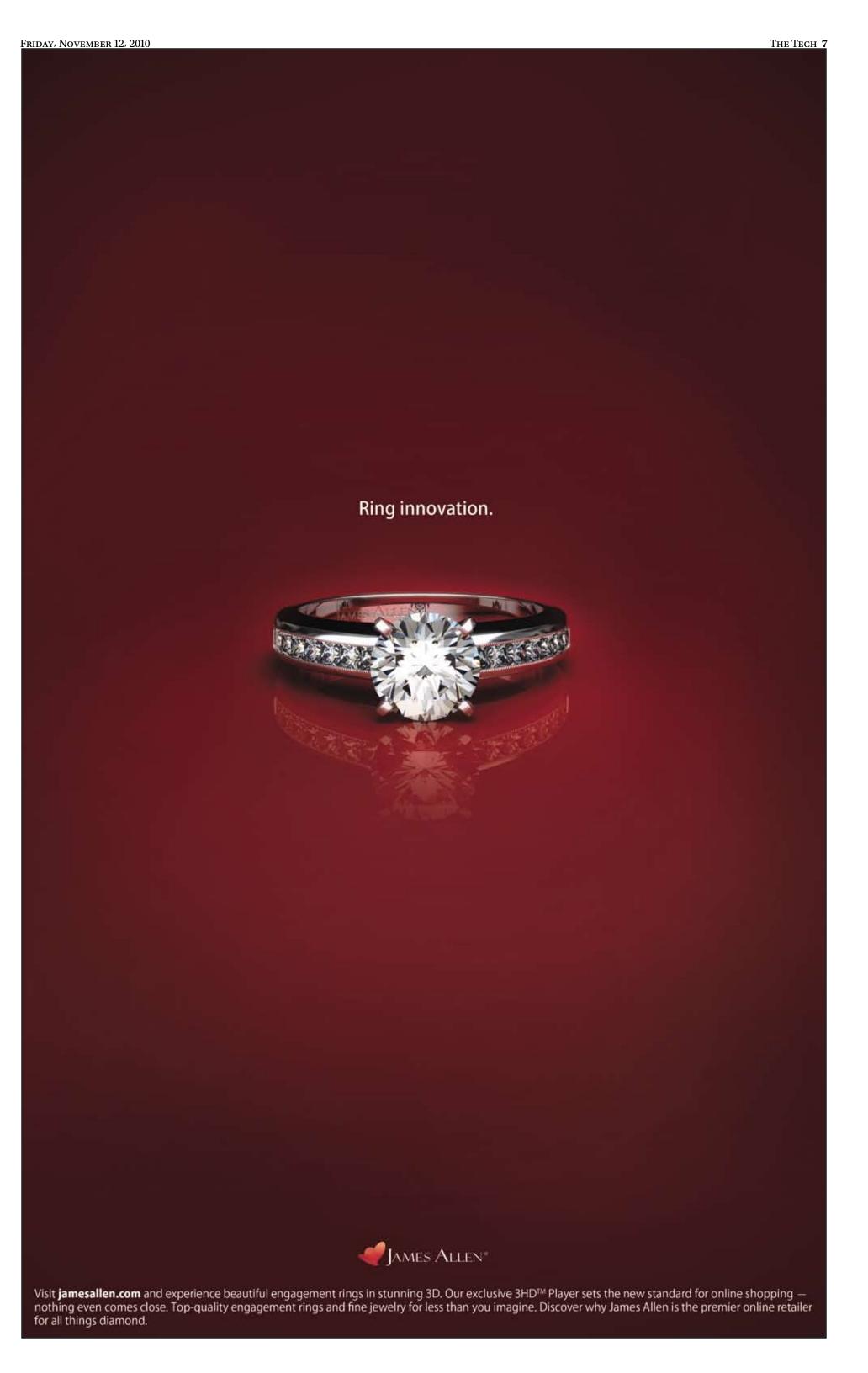


We've been stoned on tour for the last 17 years.

We get you the tickets. You get us the review.

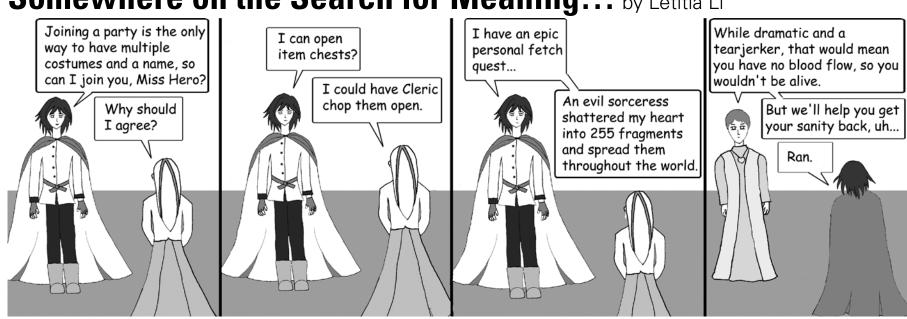
events • movies • theater • concerts music • books • restaurants • interviews

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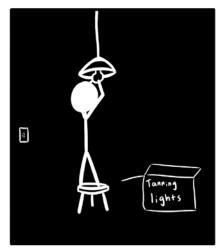
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Somewhere on the Search for Meaning... by Letitia Li

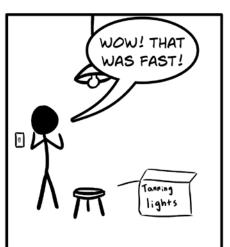


Steal My Comic by Michael Ciuffo









STEALMYCOMIC-COM

Help Desk by Michael Benitez



Crossword Puzzle

ACROSS

- 1 Abrasive tool
- 5 Grand tales 10 Mimic
- 14 Burn balm
- 15 Kukla's pal
- 16 "Peter Pan" pet 17 Cornpone
- 19 Autobahn auto
- 20 Observe Yom Kippur
- 21 Fruity drinks 22 Hunk of dirt
- 23 Thwack
- 25 New York City harbor entrance
- 27 Tent stake
- 30 Vega's constellation
- 32 Wow, that was close!
- 33 Function
- 34 Those in favor
- 35 More readily 38 Asian nation
- 40 Go lickety-split 42 Aswan's river
- 43 Liquefies

- 46 Neighborhood
- 49 Long-eared beast
- 50 Completely infatuated
- 51 Twiggy home
- 52 Used a chair
- 53 Truly amazing
- 56 Location
- 58 Author of "Portnoy's Complaint"
- 59 Appeal
- 61 Onions' kin
- 65 "Typee" sequel
- 66 NYC street game
- 68 Bryn __ College
- 69 "Lou Grant" star
- 70 "The __ on the Floss"
- 71 Bronte sister
- 72 Chicago tower
- 73 __ gin fizz

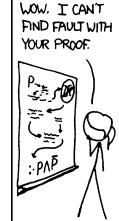
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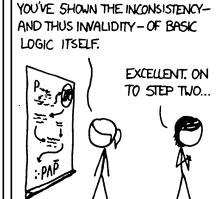
- 1 Hindu prince
- 2 Oodles
- 3 London district
- 4 Sean and William

- 5 Salty sauce
- 6 San Francisco Bay island
- 7 Tickled pink
- 8 "Blue Voyage" poet
- 9 Teeter-totters
- 10 Ancient Greek poet
- 11 Asian figwort trees
- 12 Bestow upon 13 Surprise attacks
- 18 Afresh
- 24 Yes vote
- 26 Greek letter
- 27 Cheap books
- 28 Jacob's twin
- 29 D.C. neighborhood
- 31 From Tibet, for example
- 36 Designer Schiaparelli
- 37 Musical interval 39 Mediterranean coast
- 41 Forecaster
- 44 Psyche part
- 45 Tennis star of the '90s
- 47 Psychic letters
- 48 Coral ring
- 53 Cooking smell
- 65 66 68 69
- 54 1981 John Lennon hit 55 Beethoven dedicatee
- 57 Abounds (with)
 - 60 Sicilian resort town
- 62 Wicked
- 63 Metric wt.
- 64 One and only
- 67 Surgery rms.

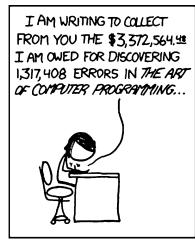
A WEBCOMIC OF ROMANCE, SARCASM, MATH, AND LANGUAGE by Randall Munroe

Applied Math







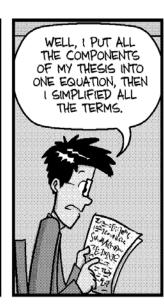


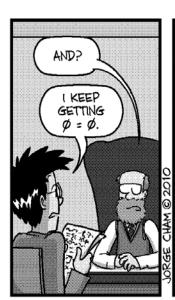
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Dear Reader: Enclosed is a check for ninety-eight cents. Using your work, I have proven that











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Dilbert by Scott Adams







Hard Sudoku

Solution, page 11

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

Easy Sudoku

Solution, page 11

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

Baker House starts petition this week

Culture and dollars are concerns

Petitions, from Page 1

asking to throw away the plan but work together with whoever is willing to listen to us and come to a solution."

When asked about HDAG's response to the petition, Ellen B. McIsaac '12, Next House president and HDAG member, said: "The petition is being looked at seriously. We've requested a general HDAG meeting for next week to talk about the petition, which administrators have acknowledged. We're going to wait for that meeting to formally discuss our plan of action."

Baker starts third petition

In an open letter to Baker residents Wednesday evening, Baker Dining Chair and HDAG member Cameron S. McAlpine '13 urged residents to "voice their opinion on dining" by either "signing or not signing" a similar petition against the current dining plan.

McAlpine, though he supports the current dining plan, said, "It is my responsibility as Baker Dining Chair to accurately represent the opinions of Baker residents."

In his e-mail, McAlpine wrote that "if there is any chance of stopping or even slowing down the RFP process, we have to get massive student support against the dining plan, if that is what students truly feel."

The petition, which will circulate until today, makes the same arguments as the Next House petition, adding that the current

plan will "interfere with the strong FSILG culture in Baker House" as students will have to "pay for both dining at Baker and at their FSILG simultaneously."

In an interview with *The Tech*, McAlpine explained that if the results of the petition show a significant number of residents oppose the dining plan, "we can bring those numbers to HDAG and maximize our chances of changing the dining plan if that is what everyone wants."

"If there is any chance of stopping ...the RFP process, we have to get massive student support..."

—Cameron S. McAlpine '13 BAKER DINING CHAIR

When asked about whether or not any meaningful changes could be made to the RFP at this point, McAlpine said, "We can make changes that HDAG will allow, for example changes to the hours of operation. It will be a tough battle, however, to amend the meat and bones of the dining program. If we make too many substantial changes to the RFP, vendors will raise a red flag."

McAlpine added, "The RFP process is extremely time sensitive, so if we want to try to change it, we have to do it as soon as possible."



The new David H. Koch Institute for Integrative Cancer Research is seen on Thursday. Construction on the building is nearly finished, and labs will begin moving in soon.

To study cat tongues, just borrow a space robot from next door

Cat lapping, from Page 1

machine that mimicked a cat's tongue, using a glass disk at the end of a piston to serve as the tip. After calculating things like the Froude number and the aspect ratio, they were able to figure out how fast a cat should lap to get the greatest amount of water into its mouth. The cats, it turns out, were way ahead of them — they lap at just that speed.

To the scientific mind, the next obvious question is whether bigger cats should lap at different speeds.

The engineers worked out a formula: The lapping frequency should be the weight of the cat species, raised to the power of minus one-sixth and multiplied by 4.6. They then made

friends with a curator at Zoo New England, the nonprofit group that operates the Franklin Park Zoo in Boston and the Stone Zoo in Stoneham, Mass., who let them videotape his big cats. Lions, leopards, jaguars and ocelots turned out to lap at the speeds predicted by the engineers.

The feline who inspired this exercise of the engineer's art is a black cat named Cutta Cutta, who belongs to Stocker and his family. Cutta Cutta's name comes from the word for "many stars" in Jawoyn, a language of the Australian aborigines.

Stocker's day job at MIT is applying physics to biological problems, such as how plankton move in the ocean.

"Three and a half years ago I

was watching Cutta Cutta lap over breakfast," Stocker said.

Naturally he wondered what hydrodynamic problems the cat might be solving. He consulted Reis, an expert in fluid mechanics, and the study was under way.

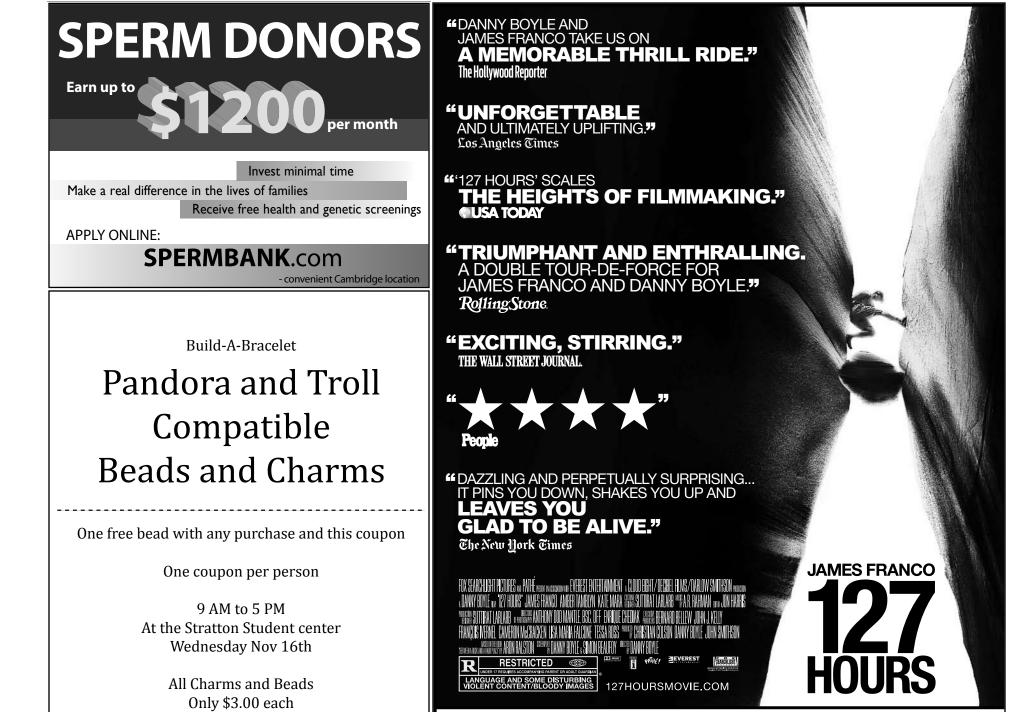
At first Stocker and his colleagues assumed that the raspy hairs on a cat's tongue, so useful for grooming, must also be involved in drawing water into its mouth. But the tip of the tongue, which is smooth, turned out to be all that was needed.

The project required no financing. The robot that mimicked the cat's tongue was built for an experiment on the International Space Station, and the engineers simply borrowed it from a neighboring lab.

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COOLIDGE



EXCLUSIVE ENGAGEMENTS START FRIDAY, NOVEMBER 12

FRIDAY, NOVEMBER 12, 2010 THE TECH 11



Lori Berenson, from Page 1

41 years old tomorrow.

Berenson was paroled in May, but her parole was revoked by a higher court. The same judge who paroled her the first time, Judge Jessica León, granted her parole again, the Associated Press reported.

Berenson must remain in Peru while her parole is in effect.

In 1995, Berenson was accused of being a leader of the MRTA and was sentenced by an anonymous military court to life imprisonment. Under pressure from the United States, Berenson was retried by a civilian court in 2001 and sentenced to 20 years in prison, with 5 years already served.

Berenson denies involvement with the MRTA.

— John A. Hawkinson



Douglas Witte shows some children the art of playing the organ at the MIT Chapel after the organ recital on Veteran's Day. Helen Ward Mannix and Witte both performed, playing pieces such as "Four Versets and a Canzona" by James Woodman and "Fugue in F major" by J.

20 arrested in NYC trying to see underground art

By Michael M. Grynbaum

THE NEW YORK TIMES

The New York City police have arrested 20 people for trying to enter an abandoned subway station housing the formerly secret guerrilla exhibition of underground street art that was revealed to the public

The clandestine gallery has attracted urban explorers eager to catch a glimpse of dozens of provocative, large-scale installations created by more than 100 street artists who sneaked into the station over the course of a year.

Several of these spelunkers, however, have encountered something else: a team of police officers, some in plainclothes, assigned by the city to monitor the site. Most of those arrested were charged with trespassing, and a few were caught carrying spray cans and other graffiti paraphernalia, the authorities

While the police are taking a hard line on keeping people away — "This is not an art gallery; this is

completely illegal," one officer said — the paintings in what the artists called the Underbelly Project are likely to live on. Subway officials said they had no plans to paint over the artwork, even if they sincerely hoped nobody ever got to see it

again. "We have no intention of disturbing the works," said Deirdre Parker, a spokeswoman for New York City Transit.

Parker noted that the fiscally challenged transit agency would not want to devote resources to restoring a space almost entirely unseen by the riding public. "It's in complete darkness and not really at all visible to anyone," she said.

The organizers of the project, who did not return a request for comment on Wednesday, have refused to disclose its location. So have transit officials. But firstperson accounts, photographs and speculation around the Internet focus squarely on an abandoned station built in the 1930s atop the existing Broadway stop on the G line, near South Fourth Street in

Williamsburg, Brooklyn. The exhibition was the subject of an article in The New York Times on Nov. 1, but without specifying the location.

A comparison of current and historical photographs makes a convincing case for the Williamsburg station, and a spokesman for the police acknowledged that the site is in Brooklyn. But subway officials would not divulge the exact spot. "There are some bloggers who can pinpoint these places because they eat and sleep transit lore," Parker said, "but officially, no, we're not confirming anything."

So far, efforts by the authorities to secure the space appear to have been only partly successful. Evidence of recent visits to the site has been published on the Internet, including photographs that suggest some of the artwork has been defaced by graffiti.

One blogger from Brooklyn, who said he explored the site in the early hours a week ago, posted photographs on his website that appeared to show vandalized works. "It does seem to only have been tagged by

one person, and it's actually kind of sad since some of the works are so amazing," the blogger wrote in an e-mail. (He requested anonymity to avoid drawing attention from the authorities.)

The blogger said part of a chainlink fence put up by the police had already been peeled open. "If you are industrious enough, you can still get up there," he wrote.

The South Fourth Street station was intended as a primary transfer point for subway lines that would have stretched from Lower Manhattan into Brooklyn and Queens, part of an ambitious expansion of the subway system planned by the city in 1929. The Great Depression forced officials to abandon the proposal, but not before bits and pieces of the proposed network had been

Transit officials reiterated this week that getting to the site could be dangerous.

"We really don't want to encourage anyone to go near these places," Parker said. She said the Police Department and transit officials were "working closely together to come up with short- and long-term solutions to the security problem."

Detectives have been looking into the project's origins, a Police Department spokesman said, but the police often find it difficult to link individuals to cases of illegal street art.

Solution to Crossword from page 8 RAISPISAGAS APER

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Solution to Hard Sudoku

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

Solution to Easy Sudoku

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

LEGAL COUNSEL

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Important Student MATLAB Changes

- Did you download MIT Student MATLAB before August 16, 2010?
- Are you still using a version of MIT Student MATLAB that requires the VPN?

If you answered "Yes" to either of these questions, you'll need to switch over to MIT's new MATLAB license before December 20, 2010. More information and activation instructions can be found online at:

http://kb.mit.edu/confluence/x/A4B2

Activation only takes a few minutes, so please do it soon. The existing license server will be permanently shut down on December 20, 2010.

> Information Services and Technology

Want to earn some money before the holidays?

The headquarters office of the MIT-SUTD (Singapore University of Technology and Design) Collaboration is seeking two enthusiastic undergraduates to work 10 hours per week @ \$11 per hour until the winter holidays.

- 1) Course Production Assistant—Initial effort will be approximately 10 hours per week between now and the winter holidays with a possibility of extension for IAP and spring semester.
- 2) Excel/Database Expert--Student with excellent Excel/database skills to design and build a tool for tracking and projecting expenses and planning.

For more information:

Jon Griffith

Asst. Director, MIT-SUTD Collaboration jong@mit.edu (617-253-3799)

SPORTS SPORTS

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Engineers make NEWMAC all-conference teams this fall

49 get NEWMAC academic honors for 4.35+ GPAs

By David Zhu

SPORTS EDITOR

Several MIT athletes received NEWMAC postseason honors this week.

In men's soccer, Christian W. Therkelsen '11, Zachary A. Kabelac '12, and Benjamin A. Lewis '13 were selected to the conference first-team, while Jonathan K. Tebes '14 made second-team. Head Coach Milton Gooding was named the conference coach of the year.

On the women's side Lauren Hernley '11 was honored as the NEWMAC Athlete of the Year. Joining her on the conference first-team were Emily Kuo'13, Alisha D. Lussiez'12, and Meghan S. Wright'13. Andrea Y. Park'13 was selected to second-team.

In cross country, Roy A. Wedge '14 and Martina A. de Geus '14 earned Rookie of the Year honors on the men's and women's sides, respectively.

This fall, Lauren Hernley '11 was honored as NEWMAC Athlete of the Year in women's soccer.

Wedge was also named Runner of the Year. Paul D. Welle '11, Richard J. Prevost '11, Daniel E. Harper '12, Gihan S. Amarasiriwardena '11 and Joseph A. Christopher '12 joined Wedge on the men's All-Conference team; Katherine J. Eve '12, Tania K. Morimoto '12, Alina E. Gatowski '11, Claire E. O'Connell '14 and Sarah L. Sprague '13 were also selected for the women.

In field hockey, Kameron L. Klauber '12 and Molly E. Mc-Shane '13 were named to the Allconference Team.

Jenny Li '11 made second-team for women's volleyball.

In addition, 49 Engineers were selected to the fall NEW-MAC Academic All-Conference team, which requires a 4.35/5.0 GPA after the 2010 spring semester and a participation in a varsity program the entire fall season.

The full list of honorees can be found on the NEWMAC website, www.newmacsports.com.

UPCOMING HOME EVENT

Saturday, November 13

Women's Crew: Foot of the Charles

9 a.m., Charles River

Injuries gave football team a losing season

After one winning its first game, team went on an eight-game losing streak

By Russell Spivak
TEAM REPRESENTATIVE

With a loss on Saturday at Endicott College, the MIT football program ends its season at 1-8. After a promising win to open the season, the Engineers were unable to improve on their win total from last year.

Their poor record, however, is not necessarily reflective of the team's overall performance throughout the year. Injuries were a constant obstacle to the team's success. Billy E. Boetcher '11 and Mike P. Fitzgerald '10, two of the three captains, and pre-season all-American linebacker Peter A. Gilliland '12 all missed time with injuries. Seven of 22 starters were injured at some point during the season, and many more played through lesser injuries at below full health.

Despite the losing season, the Engineers show promise for upcoming seasons. Many freshmen received significant playing time, including several starters. "The team shows a lot of promise," said Academic all-District and New England Football Conference (NEFC) top-tackler Patrick Jupe '12. "I am really excited to see what next year brings when everyone gets healthy again, the young guys have another year under their belt, and Coach [Martinovich] gets another great recruiting class."

The football program has already brought in their biggest class in years, with 25 new players, and will try to sustain and grow that number in the coming years.

The Engineers have also already begun to rack up post-season honors, as Brian P. Doyle '11, William R. Vega-Brown '11, and Jupe have been named to the 2010 ESPN: The Magazine District One College Division Academic All-District team as selected by the College Sports Information Directors of America. In addition, Jacob N. Laux '14, Marcel B. Sanchez '12, and John C. Wenzel '14 were named to the NEFC Honor Roll.

Ticket deals for MIT Students Made possible by the Council for the Arts at MIT!

Tree tickets to the Boston Modern Orchestra Project Saturday, November 13 @ 8:00pm www.bmop.org/

Jordan Hall @ New England Conservatory, Boston mail cohen@media.mit.edu to reserve your seat!

web.mit.edu/arts/see/freetickets

Free tickets to the Boston Chamber Music Society Sunday, November 21 @ 7:30pm www.bostonchambermusic.org

Sanders Theater, Harvard Square

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