**Bad Ideas weekend**

A surprising success

*Eating contests, frosch dog sledding* *draw students from across campus*

By Robert McQueen

Frosting eating contest; human dog sledding; 16-pc cookie puzzle; Green Building Challenge; the 7-11 Challenge; All East Campus this weekend, it was all about bad ideas.

Students from all dorms flocked to East Campus and participate in over 20 events for the Bad Ideas Competition, held every IAP. Champions were crowned for items that seem ridiculous—to the normal world. Running up the Green Building is a bad idea. Cameron S. McAlpine ‘13 did it anyway—40 times, that is. And he still had varsity light-weight crew practice the following morning.

**INSIDE**

Bad ideas photos and competition winners: p. 10

Selling out pyramid programs in your head is also a bad idea, but not to Simmons residents may need to get used to a lot more train whistles come 2012. Last year, Massachusetts purchased the railroad tracks between Albany and Vassar Streets and has proposed plans for the Cambridge City Council that it be used as part of a commuter rail linking Boston’s North Station and Worcester. That may mean as many as 20 trains in 2014 and 25 trains in 2015.

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Linking attack to Caucasus, Russia faces old problem

MOSCOW — A day after an airport suicide bombing that investigators suspect was organized by Islamic militants, Prime Minister Vladimir Putin on Tuesday voiced retribution. The bombing, which left 17 people dead and dozens wounded, was carried out by an 18-year-old suicide bomber who was killed. Putin vowed that those responsible for the attack would face justice.

President Barack Obama proposes national effort to ‘win the future’

WASHINGTON — President Barack Obama, whose election campaign promised “change you can believe in,” is shifting the focus of his administration to an effort to increase the country’s competitiveness in a world that is changing rapidly, a senior administration official said yesterday.

The official, who described the effort as a long-term project, said that the administration was working on a comprehensive strategy that would include spending in key areas like energy technology and high-speed Internet. The official said that the strategy would be announced in a few months at the earliest.

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Financial meltdown was ‘avoidable, inquiry concludes

By Sheryl Gay Stolberg

WASHINGTON — The government commission that investigated the financial crisis has concluded that the collapse could have been prevented if the Federal Reserve and other regulators had not “mismanaged” the crisis.

The commission, which was created by Congress in the wake of the crisis, was mandated to study the causes of the financial crisis and to make recommendations for preventing future crises.

In its final report, the commission said that the Federal Reserve and other regulators had failed to foresee the crisis and had not taken sufficient steps to prevent it.

The commission also said that the government had not done enough to protect consumers from predatory lending and that the government had been too slow to respond to the crisis.

By Ben Weiser

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NRA clout hurts firearms research

By Michael Luo

The New York Times

LOS ANGELES — The Oscar race turned into a wild scramble Tues-
day morning as The King's Speech moved out from front when nominations for the 83rd Academy Awards were announced. True Grit surged into second position, and The Social Network, which had seemed a front-
runner as matched by Inception, followed closely by The Fighter.

The King's Speech, about friendship and speech therapy, got 12 nods, including ones for best picture, best director (Tom Hooper) and best ac-
tor (Colin Firth as a stammering King George VI). It won top honors from
the Producers Guild over the week-
end and emerged as the leader in an
unusually competitive pack of con-
tenders for the best picture Oscar.

In the morning's biggest surprise, True Grit, a western remake from the
filmmakers Joel and Ethan Coen, was second, with 10 nominations, in-
cluding ones for best picture and best
director (the Coens), and a best actor nod for Jeff Bridges, who won the award last year for Crazy Heart. "Ten seems like an awful lot," the Coens said in a statement. "We don't want to take anyone else's.

True Grit has been an audience favorite since its release in late De-
cember but had barely registered in the panoply of pre-Oscar awards and received no nominations for the
Golden Globes. By contrast, The Social Network, an unauthorized look at Mark Zuck-
erberg, a founder of Facebook, domi-
nated the early awards, but received fewer Oscar nominations than its riv-
lars, partly because it was not a contender in categories like costume and sup-
sorting actress. (T-shirts are
featurerd but not women.) In total, The Social Network got eight nomi-
nations, including one for best pic-
ture, David Fincher was nominated for his directing, Aaron Sorkin for the
script and Jesse Eisenberg (best ac-
tor) for his role as Zuckerberg.

Inception, a twisted tale of layered
dreams, also received eight nomina-
tions, including one for best picture, but not one for best director.

High court orders Emanuel's name back on ballot — for now

CHICAGO — The Illinois Supreme Court puffed life back into Rahm Emanuel's mayoral campaign Tuesday when it restored his name to the city's ballots, at least for now, and agreed to decide whether he should be allowed to run for mayor.

The decisions arrived at a dizzying pace, only a day after a panel of the Illinois Appellate Court had ordered Emanuel's name strick-
ed from the ballots, saying his time in Washington as White House chief of staff meant he failed to meet a requirement of residing in
Chicago for a year before the Feb. 22 election. But the justices still have to consider the merits of the case itself. The Supreme Court will study briefs already submitted to the lower court, rather than wait for new ones, and will entertain no oral arguments. It is uncertain how quickly a decision will emerge, and
whether he should be allowed to run for mayor, the nation's largest dairy cooperative. He said that the slaughterhouse findings would be replicated in tests of the
nation's milk.

FDA and dairy industry spar over testing of milk

Each year, federal inspectors find illegal levels of antibiotics in hundreds of older dairy cows bound for the slaughterhouse. Con-
cerned that those antibiotics might also be contaminating the milk Americans drink, the Food and Drug Administration intended to begin tests this month on the milk from farms that had repeatedly sold cows tainted by drug residues. But the testing plan met with fierce protest from the dairy in-
dustry, which said that it could force farmers to needlessly dump millions of gallons of milk, which they wanted for test results. In-
dustry officials and state regulators said the testing program was poorly conceived and could hurt business locally.

In response, the FDA postponed the testing, and now the two sides are sparring over how much danger the antibiotics pose and
the way to ensure that the drugs do not end up in the nation's
milk supply.

"What has been served up, up to this point, by Food and Drug has been potentially very damaging to innocent dairy farmers," said John J. Wilson, a senior vice president for Dairy Farmers of
America, the nation's largest dairy cooperative. He said that that
the nation's milk was safe and that there was little reason to think that the slaughterhouse findings would be replicated in tests of the milk supply.


In the wake of the shootings in
Tucson, Ariz., the familiar questions
about gun ownership surfaced: How many of those arms are a fraction of what it was in the mid-1990s, when the NRA in the mid-1990s. At the
time, Rosenberg and others at the
CDC were becoming increasingly
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Alarmed, the NRA and its allies on Capitol Hill fought back. The in-
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timate acquaintance.
As the U.S. Congress (reluctantly) hammers out this year’s federal budget, our politicians and punditry have focused their attention on three questions. First, how important are the activities that government performs relative to the private enterprise that it supplants? Second, how redistributive should our system of taxes and spending be, both in terms of how much we take from the rich to give to the poor and as much as we can get from future generations to give to the present? And finally, which private sector operates more efficiently at supplying the services that we as a society want?

These are crucial questions, and I don’t mean to trivialize them by throwing them out just because the government’s functioning is not as great as it might have been in the past. Rather, I mean to reject the facile assertion that the government is necessarily any less capable than the private sector.

For some programs, such as Social Security, this frame may seem perfectly fair, but there is a sort of futility to them. At their heart, these questions frame the debate as one of making a choice among a frontier of new possibilities, as if one module could add value over another module, and as if each of them could make a conscious decision to give up more out of its workers, government employees across the board in a crude effort to improve their bottom lines.

It is easy to blame teachers unions and the rigidity over entrepreneurship. Schools are not a third of what the U.S. has in secondary education. They’re not alone; sclerotic military bureaucracy that mints the same: government workers get their jobs by earning the diplomas or certificates despite virtually no evidence that these requirements have any significant effect on quality of education. As the U.S. Congress (belatedly) hammering out the lowest performing teachers before the end of their first three years to weed out the worst performers. They’re not alone; sclerotic military bureaucracy that mints the same: government workers get their jobs by earning the diplomas or certificates despite virtually no evidence that these requirements have any significant effect on quality of education.

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In schools, effectiveness does not equal experience

By Ryan Normandin

Much to my delight, education reform has once again taken the national stage over the course of last year. Due to the publicly hyped Race to the Top program, the documentary Waiting for Superman, and the release of the latest Programme for International Student Assessment report, which yet again placed the U.S. in the middle of the pack in education, the public is demanding changes to our education system. Terms like merit-based pay, teacher tenure, and high-stakes testing have become more and more pervasive in American conversations over the last year. Yet even after a year of talk, public opinion has yet to converge on what should be done.

Although there are many pieces to this puzzle, teacher effectiveness is certainly a key component. It is also one of the most difficult things to ensure, due to a variety of methodological and political obstacles. First, how should teacher effectiveness be tested? Should it be tied to improvements in student test scores? Classroom observations? Student surveys? Second, how can teacher effectiveness then be ensured when so many practices today care only about appearance? In regards to gauging teacher effectiveness, more research should be done to establish what weight each measure holds. Classroom observation — the people in charge simply consult a spreadsheet, checking who has been there the shortest time and hand them a pink slip. Not only is this practice unfair, illogical and harmful to students. Unions claim that bad teachers should be fired if they consistently fail to improve. The practices widely in place to determine whether a teacher is effective.

But even after effective teacher evaluation is accomplished, how can an ineffective teacher be fired after failing to improve? The practices widely in place today only consider how long one has been teaching. I recently spoke to a teacher who epitomized this belief, complaining that some of his classes had been given to other teachers despite the fact that he had been teaching longer than all of them. Nowhere did he ever contend that he was a better teacher, he believed that simply having taught longer entitled him to more privileges. In other words, he had claimed, without saying it, that experience was the same exact thing as effectiveness.

The seniority practice in education is unfair, illogical and harmful to students. Seniority and tenure reinforce this belief. The rule of seniority is that when layoffs unfortunately take place, most school districts let go the newest teachers, regardless of their effectiveness. Too often, there is not enough evaluation, process, or analysis — the people in charge simply consult a spreadsheet, checking who has been there the shortest time and hand them a pink slip. Not only is this practice unfair, illogical and harmful to students. Unions claim that bad teachers should be fired if they consistently fail to improve, yet in practice, only one out of every 1,000 teachers in major cities is fired annually, regardless of the toll this takes on the students.

If there was one reform that I would like to see in public education, it would be that teachers be no longer exempt from the common sense principle that governs the rest of the world. If we want education reform, we need policies that make it easier to keep the good teachers and get rid of the bad ones. Tenure should be awarded on the basis of teacher effectiveness. When layoffs come around, it would seem to me to be common sense to keep the best ones you have and use it as an opportunity to let the not-so-good ones go. These new policies would create fairness in the system that no longer discourages young people from becoming teachers. To further encourage entry into the profession, public education should adopt yet another principle from the rest of the world: the better you do, the more you get paid. Pay teachers who are more effective more money, instead of basing salary on how long one has been teaching. Although the public education system in this country has defied common sense for generations, it is my fervent hope that as more public and political pressure is put on this area, we will adopt these obvious changes. At the very least, they will end the backwardness of education and, perhaps, one day, make education about achievement.

Education exemplifies need for public sector reform

Gov’t reform, from Page 4

Fort to stanch the endures of its best and brightest. But bad employees like money just as much as good employees, and with- out being, separate the wheat from the chaff, productivity in the public sector has remained low. The effect has been disastrous on public finances. Faced with balanced budget requirements, many states have raised the compensation of their employees by offering wildly unsustainable pensions, and thus pushed the burden of their mismanage- ment onto future generations. For the federal government, with no such account- ing restrictions, the consequences have been much the same, with bloated salaries adding billions to our national debt.

It is time for a reform of our civil and military services. Last month, the National Commission on Fiscal Responsibility and Reform recommended a three year freeze on the salaries of public employees and a 10 percent reduction in employee numbers. The size of these cuts is appropriate, but the method matters as much as the magnitude — it does us little good to fire one out of ten employees randomly, freeze the pay of our best workers, or continue to offer inflated paychecks to the worst public employees. The private sector shed 1/10th of its workforce without a drop in output — the demand we must make of our poli- ticians is that they reform our government and achieve the same.
Steal My Comic by Michael Ciuffo

I WAS ALL SET TO START OFF YEAR
21 RIGHT MOM AND DAD, BUT THE GUY
KEPT TELLING ME I WAS ONLY 20.
WHAT GIVES?
BEATS ME
SON

The Semiotics of Professor
E-mail Signatures

Abstract: Professorial types express their mood by a ratio of casualness to effort in how they sign their e-mails. By paying close attention to these variations, you can learn to identify their mood and prepare accordingly.

First Initial: indicates a good mood; e.g., probably spent more than 5 seconds reading your e-mail.

Three Initials: Your e-mail barely made a blip on their radar. In fact, they already forgot about it. E.g.:

"that's fine.
-j
-jfd"

Dash Prefix: denotes less warmth.

-j
+j
+jfd


Formal Initials:

formal first name

formal initial
deprecated last name

Example:

jim <- +j <- jfd --> J.D --> Dr.

"Regards,
Dr.
"

Full Last Name: reserved only for a few select favorites. (©⃝ Golden Boy)

First Name: expresses ambivalence or mild displeasure. Caution.

First Name capitalized:

expresses a stronger ambivalence

FORMALITY -->

Crossword Puzzle

Solution, page 14

ACROSS
1 "Seascape" playwright
6 Arthur Marx’s stage
name
11 Bread choice
14 Rich soils
15 Above it all
16 Magic spell
17 Pretend to be confident
20 Pictures in pictures
21 Really involved
22 Hit with a blackjack
26 Compete in a bee
27 Got wind (of)
28 Brownish grays
31 Sit for a shot
32 Florence flooder
33 Defoe character
34 Brace number
37 Empty-nester’s weight problem
40 Caspian or Aegean
41 Tolerate
42 Cogito ___ sum
43 Metric measures
44 Kitchen gadget
45 Denim buys
48 Commands
49 Gossip tidbit
50 Make certain
54 Australia’s Nevernever
56 Vote for
58 "The ___ and the
Pussycat"
59 Parched

12 Streisand film
13 Glorify
18 Furthermore
19 Tears
22 Transparent fakes
23 Eagle’s home
24 Bamboo lover
25 Nudge
26 Leak slowly
27 Indicate by signs
28 Business
30 Customers
31 Sit for a shot
32 Smallest change
34 ___ Haute, IN
35 Bet
36 Smells
38 Luau souvenirs
39 Audition for a part
43 Extremity
44 Hogs the mirror
45 Gracefully slender
46 Mrs. Fred Mertz
47 Turns sharply
48 Spherical body

50 Massage target
51 Coating
52 Marketed
53 Flying saucers
55 Want ad rental
56 For vote
57 “The ___ and the
Pussycat”
58 Butterfly catcher

With thanks to Denise from PHD
A New World Record

Easy Sudoku
Solution, page 14

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

Hard Sudoku
Solution, page 14

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

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

Are you a tetris ninja?
Use your powers for good!

by Jerry Holkins
and Mike Krahulik

...by joining the production department at The Tech!
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Deadlines: Friday, February 4 and Friday, April 1

arts.mit.edu/about/council/camit-grants/
Dark and perfect

Natalie Portman’s obsession with perfection collides with dangerous levels of Mila Kunis’ sassiness in Black Swan

By Jericho Ricardi

Darren Aronofsky is a director who seems to love to explore the dark side of human nature, and there’s a whole lot of that to explore. It’s easy for us to parent off our dark side on the creeps and demons in stories, and on some deeper level it probably makes us feel better about ourselves. But every villain, monster, and atrocious real-world act in our recorded history was the creation of human beings.

Aronofsky’s latest effort, Black Swan, is a divisive film. To some, it’s a stylish, perhaps even tasteful Oscar wannabe, rolling onto the scene at the end of the year with a wave of fanfare and an enigmatic, cryptic trailer. It’s when the movie is viewed through the lens of how flawed an individual can be that the film shows how brilliant it actually is. Black Swan is not necessarily the focal point here; it’s merely the vehicle for a character study. This is a movie about insanity and perfection, and how the two frequently go hand-in-hand.

Black Swan stars Natalie Portman as Nina, a rising ballet star working for an unnamed ballet company in New York. She is determined to land the starring role — that of both the Swan Queen and the nefarious Black Swan — in a major production of Swan Lake, and yet she faces difficulties. A sheltered lass brimming with innocence, she has trouble bringing out the dark, seductive facet of her character. To do so, she faces withering scrutiny from Nina’s (Vincent Cassel), the womanizing strict director of the ballet company. While he demands great things out of Nina and latches her on to greater heights, his character is like that of a domineering father, always finding ways to deflate the ego of his daughters in order to maintain control over them. Nina must also deal with her extremely controlling single mother (Barbara Hershey), who involves herself in every aspect of Nina’s life to the point of having an emotional iron grip on her. This leaves her with no particularly kind role-models to look up to; there is no real warmth in her existence. Her life consists of training, being a good daughter, and not having very much fun. Perhaps most dangerous of all to Nina’s sense of stability is competition from Lily (Mila Kunis). A tornado of outgoing sexual lightning, Lily is everything that good-girl Nina isn’t. She is a show-stopper for the Black Swan role that Nina’s mind, after a certain point, the audience finds itself wondering how much of the story is real and how much is an illusion. The film is in many ways a cautionary tale against getting too caught up in our romantic pursuits, even that of success. Despite the general dark motif at work here, the movie also has a good deal of comedic value. Comedic value, you ask? The sheer ridiculousness of many of the scenes invites the audience to laugh; problem is, the sheer ridiculousness of many of the scenes is a demonstration of how pro wrestling, ballet, and other performance arts aren’t some truly cringe-worthy scenes, especially one involving a hangnail. Much of the movie’s more disturbing imagery is a by-product of Nina’s mind, after a certain point, the audience finds itself wondering how much of the story is real and how much is an illusion. The film is in many ways a cautionary tale against getting too caught up in our obsessive pursuits, even that of success.

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At the end of the day, this movie is really about a completely unwholesome girl’s quixotic quest to be, in her own words, perfect. It is both beautiful and disturbing, comedic and tragic. It’s unique, intelligent, and engaging. It has enough twists and turns to keep viewers talking about it long after it ends. The movie manages to be the very thing that the main character so strives for: perfect.
MIT Tech Fair

January 31
10:00 A.M. - 3:30 P.M.
Rockwell Cage

Our top sponsors include:

- MathWorks
  mathworks.com/jobs
- Microsoft
  microsoft.com/university
- Facebook
  facebook.com/careers
- Dropbox
  dropbox.com/jobs
- Palantir
  palantir.com/college
- Lockheed Martin
  lockheedjobs.com

TechFair To-Do Checklist

BEFORE

- Read this ad
- Drop off your résumé online
techfair.mit.edu/drop
- Code the night away @ Hack-a-thon
  Sunday 1/30 @ 10 PM - 8 AM, Room 32-082
  Facebook is sponsoring an all-night coding competition
techfair.mit.edu/hack

DURING THE FAIR

- Get to THE FAIR early for freebies
  Monday 1/31 @ 10 AM - 3:30 PM
  @ Rockwell Cage
- Attend TechTalks, collect stickers, enter raffle
- Hit up some MIT Student Booths
- Check out a company demo
- Get a banquet invite from a company
  Monday 1/31 @ 6 PM - 8:30 PM
  @ Hyatt Regency, Charles View Ballroom (16th floor)
  Banquet is invite only! Business casual dress.

AFTER

- Party it up at the TechFair Afterparty
  Monday 1/31 @ 9 PM - 11 PM
  @ E15 (Old Media Lab) Lower Atrium
  Sponsored by Microsoft.
  Xbox Kinect, Music Halo, Windows Phone 7, Xbox raffle!

tf.mit.edu    techfair@mit.edu
Bad Ideas draws students to competitions, food

<table>
<thead>
<tr>
<th>Competition</th>
<th>Winner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frosting Eating Contest</td>
<td>Victoria M. Enjamio '14</td>
</tr>
<tr>
<td>Green Building Challenge</td>
<td>Team: Varsity Lightweight Men’s Crew Individual: Cameron S. McAlpine '13</td>
</tr>
<tr>
<td>Taco Bell Eating Contest</td>
<td>Eliot Avila '14</td>
</tr>
<tr>
<td>Human Dogsledding</td>
<td>1st place: Team Teach for Spark from ESP 2nd place: Team Beef Erection from 2nd East</td>
</tr>
</tbody>
</table>

As part of Bad Ideas weekend, students in East Campus baked 10,000 cookies.

A banner announcing Bad Ideas appeared in Lobby 7 Saturday morning. The annual IAP competition celebrates unwise and misguided plans and contraptions.

Team Krotus competes in the annual East Campus Freshmen Dogsled Race.
Economy Hardware will remodel, CCTV moves in
CCTV will take over some space in Central's
True Value Economy Hardware this summer

By Stan Gill

Economy Hardware, a store frequented by members of the MIT community, closed its doors earlier this winter to undergo renovations. Economy Hardware owner Larry Friedman confirmed that the store will reopen sometime in mid-spring at a reduced capacity, sharing the space with Cambridge Community Television. CCTV has also signed a lease with the MIT Investment Management Company on the space formerly occupied by Economy at 438 Massachusetts Ave.

According to Friedman, the decision to reduce their space was not a result of Economy filing for bankruptcy earlier this year. “The space was bigger than we needed, expensive, and just didn’t flow very well,” Friedman said. “We’re going to use this as a chance to retool ourselves, to provide a similar product at a little less than what we had. We’re going to keep a focus on unfinished furniture with some hardware.”

He says the act of filing allowed them to take a step back from the business and look at what they could do to streamline it. “My family has been in this business in Cambridge for the last 100 years, and we intend to stay,” Friedman said.

According to Patrick D. Rowe '07, MITIMCo senior investment officer in real estate, the renovations are mainly to bring the building up to date and meet CCTV’s needs. CCTV was outgrowing their current space on Prospect Street and was facing a 60 percent rent increase when MIT approached them about the space a year and a half ago, said CCTV Executive Director Susan Fleischmann. They plan on building a new 21st-century multimedia center for the Cambridge community, complete with a computer lab, studio space, and a dedicated space for their teen programs.

“‘We’re extremely excited to come closer to the MIT community and look forward to interacting with the students, faculty, staff, and other community members in the area by moving into our new space,’ Fleischmann said.

CCTV is set to complete these renovations and move into the new space this summer.

Massachusetts General Hospital Research Study
14-21 year old females
(athletes and healthy volunteers)
Bone density and fitness testing

Payment for participation up to $525
Call Dr. Misra 617-724-5602

The Security and Emergency Management Office conducted a drill Thursday on the 4th floor of W20 with members of MIT’s Campus Community Emergency Response Team. In the simulated drill, an explosion took place in the Educational Studies Program office, and two student actors were injured.

The MIT Musical Theatre Guild proudly presents
Jekyll & Hyde

January 28-29 at 8pm
January 30 at 2pm
& February 3-5 at 8pm
at La Sala de Puerto Rico
559 Student Center
at Mass Ave. and Floor

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Sagrada Familia (A. Gaudi)
Emergency UA meeting sees East Campus anger

Norman and Young emphasized that they wish to work with students as these tentative changes to Orientation are smoothed out, and they encouraged students to contact their representatives to address concerns.

“I think we all share the same values — we want to welcome our students, and have them be ready to find the right residence or community for them,” Norman said.

“I’m committed to work with you to help our students find that niche,” Young added.

Commuter rail may send 20 trains a day post MIT

Rush hour traffic and pedestrians cross the railroad tracks that border MIT’s campus where they intersect Massachusetts Avenue. The Massachusetts Bay Transit Authority is considering upgrading commuter rail use, which would lead to increased train traffic at busy intersections like this one.

Railroad, from Page 1

mutter rail, Council member Leland Cheung MBA ’10 told the Chronicle, “Twenty trains per a [sic] day racing through east Cambridge would be devastating to that part of the city.”

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New plan requires MIT ID swipe at four printers

Printing, from Page 1

os that need to be ironed out in the field, and we'd rather not have Phanex be the only game in town," Thomas said. Some older student ID cards still do not work with the Phanex system.

The Phanex hold-and-release system is the product of a recommendation made by the institutional Planning Task Force intended to make Athena Printing greener and more efficient. According to the Athena Working Group, MIT currently spends around $270,000 on printing annually.

Printer "python" (W20-575) now requires students to swipe their IDs in order to complete print jobs. Python is one of the four Athena printers that changed over this past Friday to the new Phanex "hold-and-release" program.

Four printers around campus will be a part of a pilot hold-and-release system, requiring students to swipe their ID cards to complete a print job.

MIT Washington Summer Internship Program

Final Information Session

Wednesday January 26
1:00 pm – 2:00 pm
1-149

MIT Undergraduates - Apply your scientific and technical training to policy issues in Energy, Health, Science, Economics, Education, the Environment, Defense & more!

For more information iguanatw@mit.edu, http://web.mit.edu/summerwash/www/
The future of engineering calculations

Coming to MIT, January 26 & 27

For more than 25 years, top engineers worldwide have relied on Mathcad for performing their engineering calculations. Now, the game has changed. In 2011, PTC introduced Mathcad Prime 1.0, a totally redesigned Mathcad that redefines the way professional engineers will work in the future.

The next generation of Mathcad, Mathcad Prime 1.0, not only includes the units-handling and standard math notation that make it a best-seller. It is completely redesigned with an intuitive, task-based interface that promotes usability, along with a document-centric calculations environment for users to create detailed, professional engineering design documents quickly and easily.

And, since many of the world’s top companies use Mathcad today, you owe it to yourself to experience the newest edition before the interviewing process begins.

Special Mathcad Prime 1.0 Launch Event – Meet MIT Alum Jakov Kucan

Stop by the Stratton Center on Wednesday and Thursday, January 26 & 27, from 9am to 5pm, and explore Mathcad Prime 1.0 for yourself. Plus, on January 27 from 1-3 pm, meet MIT alum and Mathcad lead developer Jakov Kucan, who will present the all-new Mathcad Prime 1.0. Don’t miss it!
MIT Ski Team Races at Waterville

MIT skiers raced with their largest team yet in slalom and giant slalom events at Waterville Valley on Saturday and Sunday this weekend. On the women’s side, top-placing Chelsey J. Harmon ’14 earned her best finish Saturday at 41st. Captain Jillian R. Harmon ’14 earned her best finish ever on Sunday, how-ever, all of the MIT women finished in a pack and recorded their best team result yet. Haskell came in 60th, Harmon 61st, Reddy 63rd, de Moens 65th, and Laderman 66th. It was a personal best for Haskell.

The men had mixed results this weekend. Saturday saw an addition to their list of top-25 finishes with Michael J. Yurkerwich ’11 finishing 13th and Jason D. Pier ’13 in 23rd. Depending on team results from the University of Massachusetts, Yurke-rwich stands to qualify individually for Regionals. Jonathan D. Allen ’14 was 50th Saturday, and Joshua Walker did not finish. On Sunday, the men had a less eventful day, with Pier finishing 26th, Yurkerwich 29th, Allen 59th, and Walker 64th.

The women’s and men’s teams still stand at 10th and 11th in the nation, respectively. Next weekend, MIT Skiing will have giant slalom at Gunstock on Friday followed by slalom at Blackwater on Saturday.

Andrew L. Dome ’14 swims the 200m butterfly in this Saturday’s dual meet against Tufts University. Dome placed sixth and the Engineers went on to win the meet 200 to 98, maintaining their undefeated status.

UPCOMING HOME EVENTS

Wednesday, January 26
Women’s Basketball vs. Coast Guard 8 p.m., Rockwell Cage
Men’s Basketball vs. Coast Guard 8 p.m., Rockwell Cage

Thursday, January 27
Men’s Volleyball vs. Emerson College 7 p.m., Rockwell Cage
Friday, January 28
Rifle — Bean Pot 5 p.m., DuPont Range
Saturday, January 29
Rifles — Bean Pot 3 p.m., DuPont Range
Men’s and Women’s Track and Field Coed Invitational 12 p.m., Johnson Track
Women’s Basketball vs. Springfield College 1 p.m., Rockwell Cage
Men’s Ice Hockey — MIT/Boston Bruins Alumni Game 2 p.m., Johnson Rink
Men’s Basketball vs. WPI 3 p.m., Rockwell Cage

SPORTS SHORTS

MIT Ski Team Races at Waterville

MIT skiers raced with their largest team yet in slalom and giant slalom events at Waterville Valley on Saturday and Sunday this weekend. On the women’s side, top-placing Chelsey J. Harmon ’14 earned her best finish Saturday at 41st. Captain Jillian R. Harmon ’14 strongly led the rest of the team, finishing 56th. Rounding out scoring were Sarah J. Laderman ’12 in 63rd and Jennifer L. Hawkins in 64th. Newcomer Allin M. De Moens ’13 was disqualified. Sunday, however, all of the MIT women finished in a pack and recorded their best team result yet. Haskell came in 60th, Harmon 61st, Reddy 63rd, de Moens 65th, and Laderman 66th. It was a personal best for Haskell.

The men had mixed results this weekend. Saturday saw an addition to their list of top-25 finishes with Michael J. Yurkerwich ’11 finishing 13th and Jason D. Pier ’13 in 23rd. Depending on team results from the University of Massachusetts, Yurkerwich stands to qualify individually for Regionals. Jonathan D. Allen ’14 was 50th Saturday, and Joshua Walker did not finish. On Sunday, the men had a less eventful day, with Pier finishing 26th, Yurkerwich 29th, Allen 59th, and Walker 64th.

The women’s and men’s teams still stand at 10th and 11th in the nation, respectively. Next weekend, MIT Skiing will have giant slalom at Gunstock on Friday followed by slalom at Blackwater on Saturday.

Andrew L. Dome ’14 swims the 200m butterfly in this Saturday’s dual meet against Tufts University. Dome placed sixth and the Engineers went on to win the meet 200 to 98, maintaining their undefeated status.

Volleyball scores

Newbury victory

Win at NECVA contest brings Engineers to 4-0 for the year

By Paul Dill

In its first home match of the 2011 campaign, the nationally-ranked No. 8 MIT men’s volleyball posted a 25-21, 25-19, 25-13 victory over Newbury College in a North East Collegiate Volleyball Association (NECVA) New England Division contest on Jan. 18. With the win, the Engineers improved to 4-0 on the year and in conference action while the Nighthawks saw their ledger dip to 1-2 overall and 0-1 in that league.

After MIT established a 4-1 lead, both sides traded points until three straight points brought Newbury within one (11-10). The Cardi-nal and Gray picked up the next point courtesy of a service error, but Danny Kim and Dan Oronson collaborated for a block to keep the one-point deficit. A 4-1 spurt, featuring back-to-back kills from Matt Hohenberger ’13, gave the Engineers some breathing room and moved the score to 16-12. A James Beck kill paired with an MIT hitting mistake narrowed the Nighthawks’ gap to two (18-16), which was maintained by both squads trading serves as late as 21-19. MIT went on to score four of the last six points to close out the set.

With the score knotted at three in the second stanza, the hosts mounted a 9-3 run to secure the lead. Newbury countered with five straight points, cutting its deficit to one (12-11). Following a timeout by MIT, the Engineers posted a 4-1 spurt, which was replicated by the Nighthawks to preserve the one-point margin (17-16). MIT responded by tallying six of the next seven points to seize control of the set. Beck pounded a pair of kills in an attempt to generate a late rally, but the Engineers’ Malcolm Bean ’11 sealed the game with two strikes of his own.

The early stages of the final set were closely played as a kill from Newbury’s Chris DeMarco evens the score at five. Sparked by a Ho-bencher kill, MIT went on a 12-2 run to break open the game. After trading points, the Engineers rattled off five in a row as an ace by Tim Lee ’14 coupled in point two. A blast by Matt Talambans extended the frame, however a blocking error clinched the vic-tory for the Engineers.

Hohenberger finished with 13 kills and an ace as Bean posted seven kills and three blocks. Pat-rick Vattoretto ’13 registered five kills, five digs, and two aces while Ken Siebert ’14 notched seven kills and four blocks. Garr-ett Withrow ’11 bolstered the blocking corps with four stops as Caine Jette ’11 recorded five digs, and an ace. Lee tallied 28 assists, 12 digs, and an ace for MIT.

The team then extended its winning streak to five, posting a 25-13, 25-11, 25-11 decision at NECVA New England Division for Regis College on Thursday night. Jeremy Velazquez ’12 had a solid outing for the Engineers (5-6), while Nick Gargiullo ’13, as seven kills, five digs, three aces, and three blocks.

Over the weekend, MIT com-peted in the SEVs New Paltz Invitational Tournament and won the tournament with a 3-1 record over the two days. On Saturday, the Engineers swept No. 7 ranked Baruch College 3-0 and Elms Col-lege 3-0. On Sunday after a very tight loss 2-3 to hosts SUNY New Paltz, MIT bounced back with a huge 3-1 win over No. 14 Em-manuel College. The Engineers are currently 8-1.

The Engineers return home on Thursday, Jan. 27 to put their 8-1 record on the line when they face Emerson College at 7 p.m. in Rockwell Cage.

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