Colleges in area partner with edX for class credit
Bunker Hill, MassBay to adapt 6.00x in 2013

By Stan Gill

MIT Bhangra performs in the Student Center Friday night at Ring the Alarm, an annual dance competition held by Mocha

edX now has now broken into the community college sphere. President of edX, Anant Agarwal, and Massachusetts Governor Deval Patrick announced yesterday at a press conference that students at Bunker Hill and Massachusetts Bay Community Colleges would be able to take an adapted version of 6.00x for credit starting in Spring 2013. This is the first partnership of edX with a community college and one of the first times a private institution (such as MIT or Harvard) has collaborated with a public institution to improve the quality of class content, according to Paul Reville, Massachusetts secretary of education.

Last month, edX also partnered with the entire University of Texas system to provide a “blended model” of education, said UT system officials. The UT system announcement was the first time edX was concisely and repeatedly described as a way for other American universities to give its students access to courses previously taken only by Harvard, MIT, or Berkeley students, and Bunker Hill and MassBay CC are next to follow.

The partnership between edX and Bunker Hill and MassBay CC will be funded with $1 million from the Bill and Melinda Gates Foundation, which also gave five (out of nine total university) grants to the UT system. The funding will be used for a blended model offering online, but the material is enhanced with in-class breakout sessions and supporting materials. Bunker Hill and MassBay CC already have online courses, but the blended edX course for Bunker

Hubway stations to close by Nov. 28

Yesterday, Hubway began a “phased seasonal shutdown” of its stations in preparation for the winter, according to a post on its website. It will be closing up to six stations per day. Though the schedule has not been finalized, Hubway will provide a 48-hour notice on its website, Facebook, and Twitter before a station closes. All stations will be closed by Nov. 28 at 11:59 p.m., and the stations will reopen in March 2013.

After a station closes, bikes can be returned but can no longer rented out, allowing users to bike to a closed station from an open one. Hubway is closing for the winter because it was originally conceived as a seasonal system, said Hubway General Manager Scott Shulman in an email to The Tech, and its progress would be monitored for possible year-round operation in the future. “The equipment can withstand winter conditions,” said Malen, “and given the popularity of the program in its first 16 months, the participating municipalities are interested to reopen that discussion.” Hubway’s permits extend only until November, according to its Twitter feed, but they are hoping for an extension next year.

For up-to-date information on available Hubway stations, visit http://www.th hubway.com/stations.

—Bruno B. F. Fairview

Faculty Newsletter praises faculty 2030 report

In the November issue of the Faculty Newsletter, released yesterday, three articles respond to the faculty 2030 task force’s report on “Community Engagement in 2030 Planning on Development of MIT-Owned Property in Kendall Square.”

The FNL editorial board commended the report’s recommendation that financial considerations should not be the future driver of the campus’ development. The editorial board also praised the task force’s recommendation “to establish a broad-based standing committee on Campus Design Planning.”

Faculty chair Samuel M. Allen PhD ’75 praised the improved engagement between the adminis-

IN SHORT

Drop date is this Wednesday. Get your forms signed and turned in!

W20 will be closed for Thanksgiving break from 11 p.m. Wednesday, Nov. 21 until 7 a.m. on Saturday, Nov. 24.

College Nights at Frog Pond start on Tuesday, Nov. 27. Show your college ID and get half-price admission for $2.

Nominations for the MLK Leadership Awards are being accepted. Submit your nominations to mlk@mit.edu

Shuttle service to Logan Airport will be provided for Thanksgiving break. Reserve your seat at http://web.mit.edu/facilities/transportation/shuttle-out/

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

MIT2030, Page 10
Scores of Palestinians killed, wounded as conflict continues

By Amy Chozick

The New York Times

Scores of Palestinians killed, wounded or missing as Israel and Hamas continued rocket fire into southern Israel.

The Israeli military said Wednesday that 21 Palestinians were killed and 16 others injured in rocket fire from the Gaza Strip, including a 4-month-old child. The toll appeared to be the highest since an Israeli offensive began last week.

The Israeli military said it had launched a new wave of air strikes in response to the rocket attacks, striking Hamas positions in the Gaza Strip.

The Israeli military said it had targeted a Hamas command center in the Gaza Strip and a Hamas military camp near the Israeli border.

The Israeli military also said it had targeted a Hamas terrorist cell in the Gaza Strip and a Hamas communications center.

The Israeli military said it had targeted a Hamas bomb factory in the Gaza Strip and a Hamas weapons storage site.

The Israeli military said it had targeted a Hamas rocket launch site in the Gaza Strip and a Hamas weapons depot.

The Israeli military said it had targeted a Hamas command and control center in the Gaza Strip.

The Israeli military said it had targeted a Hamas terrorist cell in the Gaza Strip.

The Israeli military said it had targeted a Hamas rocket launch site in the Gaza Strip.

The Israeli military said it had targeted a Hamas weapons storage site in the Gaza Strip.

The Israeli military said it had targeted a Hamas command and control center in the Gaza Strip.

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Church of England prepares for vote on female bishops

By Alan Cowell
THE NEW YORK TIMES

LONDON — Two decades after it supported the introduction of women as priests, the Church of England began three days of deliberations Monday that will include a critical vote on the ordination of women as bishops.

The bishops and clerics are expected to endorse a compromise that would allow ordination of women as bishops but permit traditionalist parishes to reject their authority. The outcome of the vote is likely to become a flashpoint in a deepening division over the question of women as bishops.

The Church of England is part of the worldwide Anglican Communion, a Protestant denomination that is deeply divided on issues of gender and sexuality. The church’s doctrine on the ordination of women as bishops, to be approved, all three houses of the synod — the church’s bishops, clergy and laity — must vote in favor by a two-thirds majority.

The synod is expected to approve the ordination of women as priests, the Church of England bishoprics have indicated to British analysts.

The vote this week will test the authority of both the Most Rev. Rowan Williams, the departing archbishop of Canterbury, and his successor, Justin Welby, the bishop of Durham. Williams is set to retire at the end of this year from the post, the most senior in the church. Both he and Welby have said they will vote in favor of the compromise.

The vote will take place early Tuesday, more than 1,000 days after the election of Welby as the 40th archbishop of Canterbury, the most senior position in the Anglican Church.

The synod convened in response to a cross-church meeting earlier this month called by the Most Rev. Richard Chartres, the archbishop of Canterbury.

As the note to the synod indicated, the vote will be a test of authority for Williams and Welby. Both have been active in the fight for the ordination of women as bishops.

The synod is expected to accept women as bishops, with Williams and Welby expected to vote in favor of the compromise.

In an open letter published in the newspaper The Independent on Monday, more than 1,000 church members urged the synod to accept women as bishops.

The vote will be a test of whether the Church of England can move beyond its divisions on the issue of women as bishops. The synod is expected to decide whether to accept women as bishops, with Williams and Welby expected to vote in favor of the compromise.

New Communist party chief in China denounces corruption

BEIJING — In his first speech to the Chinese Communist Party’s elite Politburo, Xi Jinping, the new party chief, denounced the prevalence of corruption and said officials needed to guard against its spread or it would “drown the party and the state.”

The blunt remarks by Xi were made Saturday at a meeting of the 25-person Politburo, which announced a turnover of 15 members last week during the change in leadership at the close of the 18th Party Congress, the state news media reported Monday. Xi appears to want to take a populist tack in shaping his image and to push an anti-corruption drive as one of the first visible acts in his new post. Corruption is one of the issues of greatest concern to ordinary Chinese people.

In recent years, many high-level officials have been accused of corruption, and the party has made it clear that it wants to clean up its ranks. Xi said, according to a version of the speech posted online, “A mass of facts tells us that if corruption becomes increasingly serious, it will inevitably doom the party and the state. We must be vigilant. In recent years, there have been cases of grave violations of disciplinary rules and laws within the party that have been extremely malign in nature and utterly destructive politically, shocking people to the core.”

At judge’s urging, Hostess and union agree to mediation

Pushed by a bankruptcy judge eager to save thousands of jobs, Hostess Brands and one of its biggest unions agreed to mediation Monday, in a last-ditch effort to avoid winding down Hostess, the bankrupt maker of Twinkies and Wonder Bread.

At the behest of the judge, Hostess Brands and the Bakery, Confectionery, Tobacco Workers and Grain Millers Union, which represents 5,600 Hostess workers, will meet with a mediator Tuesday to try to narrow their differences and move toward a labor agreement. If the mediation succeeds, it could prevent the liquidation of the company and save 18,500 jobs. Otherwise, Hostess is likely to auction off its well-known brands, leaving the fates of those workers in limbo. In January, Hostess, an 82-year-old company, filed for Chapter 11, just three years after emerging from bankruptcy. At the time, the company said it was unable to pay its debts and needed to make deep cuts in labor costs to survive.

Hostess was able to reach a new contract with the Teamsters, its largest union. But talks between the company and the bakery workers’ deadlocked, and the union went on strike Nov. 9. With production slowing and its finances dwindling, the company announced plans Friday to liquidate.

—Steven Greenhouse and Michael J. De La Merced, The New York Times

Fall Deadline: Friday 11/30

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show us your best work.

RUNE - MIT’s literature & art magazine
LETTERS TO THE EDITOR

Rockets fire in the Gaza Strip, compromise to home
Israel and Palestine must prevent further bloodshed

By Rachel Bandler

Dorm resident

I am frightened. My younger sister, who will be study abroad at MIT next year, is currently hiding in a bomb shelter in her apartment. If you can imagine the same situation happening in your home, and then from my sister's perspective: messages with like "update: sirens went off, went to shelter but heard loud noise" and "wow: that was loud! ... two more rockets fell near us, was hit by iron and drone in the head fell in the sea" when my sister is handling the terrible situation well and she is trying to communicate that the attacks are preventing her from seeing the new ‘Twilight’ movie, the reality is that Israel has been hit by an absurdly large barrage of rocket attacks from Gaza, which have caused “enormous everyday life impossible for millions of Israelis. Since November 17th, Hamas and its terror allies in Gaza have hit Israel with over 700 rockets, which have originated from schools, hospitals, residential homes, and other civilian areas in Gaza. This is done so that Israel cannot defend itself in a war against Hamas. However, as a result of Israel’s new policy, Hamas continues to attack and is not able to retaliate in self-defense, and is currently preventing the Palestinians from living their lives ordinary. There are few industries that call for correction to the editor of the newspaper, and should be sent to letters@tech.mit.edu. Hard copy submissions should be addressed to: The Tech, P. O. Box 397029, Cambridge, MA 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the publication date.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. The Tech reserves the right to edit letters, condense letters, shorter letters will be given higher priority. Once submitted, all letters become property of The Tech, and cannot be returned. Letters, columns, and cartoons may also be posted on The Tech's Web site and/or printed or published in any other format or medium now known or that may be created in the future. The Editor reserves the right to make final decisions on whether to post or print each submission. For information about the author, visit tech.mit.edu. Please send all inquiries to the editor in chief by email (xoj@tech.mit.edu) or call the Tech's main line (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure which department to direct your inquiry, please call the Tech's main number. Letters, columns, and cartoons may also be posted on The Tech's Web site and/or printed or published in any other format or medium now known or that may be created in the future. The Editor reserves the right to make final decisions on whether to post or print each submission. Please send all inquiries to the editor in chief by email (xoj@tech.mit.edu) or call the Tech's main line (617) 253-1541.

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Faced with a moral dilemma, Israel has prioritized its self-defense

Israel, from Page 4

against a Member of the United Nations.” Current estimates say that over 50 people have died from the violence since it escalated last Wednesday. Considering the fact that over 700 rockets have been fired into Israel from Gaza this week, it is extremely fortunate that the death toll is not higher. This is largely thanks to the United States’ support of Israel’s Iron Dome system, which is a mobile all-weather air defense system designed to intercept and destroy short-range rockets fired at civilian centers. But the fact remains that if these rocket attacks continue to be launched from Gaza, Israel may need to launch a ground operation to wipe out the terrorist infrastructure. This would be extremely devastating to both the Israelis and Palestinians, and would significantly increase the death toll on both sides. If Hamas truly cared about the people of Gaza, then they would stop launching rockets at Israel and prevent an escalating situation that, at this pace, will lead to much bloodshed. Currently, there are talks in Cairo trying to bring about a cease-fire, and Israeli Prime Minister Netanyahu said he would consider a comprehensive cease-fire if the launchings from Gaza stopped. This would be an ideal outcome, because it would end the violence and preclude a bloody ground operation. My sister delayed coming to MIT and took a gap year to tutor underprivileged children in Israel, not to sit in a bomb shelter. Hopefully, for everyone’s peace of mind, the violence will stop soon and normal life can resume. However, it is important to note that even if a cease-fire is reached, there is nothing stopping Hamas from breaking that cease-fire at any moment, repeatedly plunging Israel into a state of fear and terror. Israel needs to make sure that Hamas is crippled enough that repeated attacks are less likely and less damaging, if not impossible. After all, if Mexico were sending rockets into California, President Obama would not hesitate for a second in defending our nation and preventing future attacks. The same is true of the Jewish State, and Prime Minister Netanyahu must take action to prevent future violence from escalating, as much as possible, in the future.

Under pressure?

We want to know how you feel.

Students, check your inbox for The Tech’s survey and fill it out for a chance at a $50 amazon gift card.

Send us your questions or stories at surveys@tech.mit.edu.
Splash is a two-day program hosted by the MIT Educational Studies Program every fall. More than 2600 students from 7th through 12th grade attend classes taught by volunteers, ranging in size from small hands-on activities to large lectures.
The Tech, November 20, 2012

**THE SECRET LIVES OF RESEARCHERS**

**Coralling coral in the Pacific**

The trials and tribulations of an oceanography mission lead to underwater treasures

By Alice Alpert

As my plane began its steep descent to Christmas Island, 2’N, 157’W, middle of nowhere, I was reminded that the islands I was to visit are some of the most remote pieces of land in the world. I thought about the adventure of a lifetime I was beginning: meeting the sailing yacht Seadragon for a month-long expedition to study coral on three remote atolls in the central Pacific.

What brought me flying over the Pacific? I am a graduate student at MIT and the Woods Hole Oceanographic Institution where, advised by Anne Cohen and Delia Oppo, I study coral in the central Pacific. Along with Liz Drenkard, a fourth year graduate student, Pat Lohmann, a scientist from the National Oceanic and Atmospheric Administration, I was using the 72-foot Seadragon as a platform to study coral in the central Pacific. We hoped that the coral samples we took would enhance our understanding of coral health in this area.

When we arrived, we found that our outboard motor needed a small dinghy wouldn’t be arriving for four days, and our carefully planned schedule that was months in the making went out the window. So what to do? First, we reminded ourselves that without a challenge like this, it wouldn’t be exciting fieldwork in a remote location. Then, we tried to make the most of our extra time by taking water samples that we wouldn’t have had the opportunity to take otherwise.

This island is a mere quarter mile long and wide, and the converted racing boat wanted to be off the bow as we leaned over to grab the sample bottle. But with everyone working as a team, we figured out how to accomplish our goals. Although there are challenges involved with working from a sailboat, it has a very long range for such a small boat, and it consumes much less fuel than an engine powered vessel. So as we study the earth system, we are also pow- ered by it, and hopefully we aren’t contrib- uted too much to its problems.

After four days, we finally collected the water samples we collected reminded us that Seadragon is a sailboat, and about one fourth the size of the 200 to 300 foot oceanographic vessels that we are used to working from. We were faced with challenges like trying to stay in one spot to sample water while the wind was blowing and the converted racing boat wanted to follow the wind. The swell threatened to chase us off the bow as we leaned over to grab the sample bottle. But with everyone working as a team, we figured out how to accommodate our goals. Although there are challenges involved with working from a sailboat, it has a very long range for such a small boat, and it consumes much less fuel than an engine powered vessel. So as we study the earth system, we are also pow- ered by it, and hopefully we aren’t contrib- uted too much to its problems.

This is a shark glides over the unspoiled reefs of Jarvis Island, an uninhabited island in the South Pacific administered by the United States Fish and Wildlife Service.

After a quick stop in Tarawa to refuel, we recovered beautiful coral cores from the Maiana atoll. Then our work was done and we bid a sad farewell to the central Pa- cific. Our fieldwork was extremely successful and we gathered all the coral samples that we had planned to, which was more than I could have hoped for. The scientists and the Seadragon crew worked together as a team for an unprecedented study of coral in the central equatorial Pacific. Being in the ocean, feeling the swell beneath the boat, becoming familiar with the corals, and even tasting the water (unintentionally), made me even more invested and pas- sionate about my research. Having seen these islands, I want to learn more about the corals that live on them. Now I have the means to answer some of those questions, and I am already thinking of reasons to go back.

After a quick stop in Tarawa to refuel, we recovered beautiful coral cores from the Maiana atoll. Then our work was done and we bid a sad farewell to the central Pa- cific. Our fieldwork was extremely successful and we gathered all the coral samples that we had planned to, which was more than I could have hoped for. The scientists and the Seadragon crew worked together as a team for an unprecedented study of coral in the central equatorial Pacific. Being in the ocean, feeling the swell beneath the boat, becoming familiar with the corals, and even tasting the water (unintentionally), made me even more invested and pas- sionate about my research. Having seen these islands, I want to learn more about the corals that live on them. Now I have the means to answer some of those questions, and I am already thinking of reasons to go back.

The going was slow, and the heat built up. It wasn’t too hard to start the 6 am watch, but after a couple of hours the equatorial sun was roasting the boat. It was a tough call between staying below deck, out of the sun but without a breeze, and above where the air was fresher but exposed to the life-sucking rays. We be- came listless and torpid. Food became less and less appealing, largely from the knowl- edge that turning on the stove would make the heat worse, and using the oven was pretty much unthinkable. In fact, one day an ominous electrical, burning smell filled the air. We traced the source to a piece of wiring melting from the heat.

It was so calm that we appeared to be crawling across a new body of water: the great Pacific Lake. The surface was glassy and the whole dome of the sky was still. Once Pat called out, “I see ripples! But now they’ve gone.” I suppose the experience of being becalmed in the tropics is a time- honored one, but we were glad when we chanced over the Gilbert Islands on our last liters of diesel.

After a few days in the Gilbert Islands, we were glad when we chanced over the Gilbert Islands on our last liters of diesel. After a quick stop in Tarawa to refuel, we recovered beautiful coral cores from the Maiana atoll. Then our work was done and we bid a sad farewell to the central Pa- cific. Our fieldwork was extremely successful and we gathered all the coral samples that we had planned to, which was more than I could have hoped for. The scientists and the Seadragon crew worked together as a team for an unprecedented study of coral in the central equatorial Pacific. Being in the ocean, feeling the swell beneath the boat, becoming familiar with the corals, and even tasting the water (unintentionally), made me even more invested and pas- sionate about my research. Having seen these islands, I want to learn more about the corals that live on them. Now I have the means to answer some of those questions, and I am already thinking of reasons to go back.
**Sudoku**

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

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**Techdoku**

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Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun Fun
Tuesday, November 20, 2012 The Tech

THIS IS A PAID ADVERTISEMENT

Saturday Stumper by Lester Ruff
Solution, page 10

ACROSS
1 Commencement ritual
8 Not as high
15 Blameworthy
16 Result of too much cabin pressure?
17 Phantom
18 Hitherto unknown
19 Restrained, with "up"
20 Concern of a certain ceiling
21 Critical comment
22 Name related to John
23 Result of too much cabin pressure?
24 Phantom
25 Name related to John
26 Critical comment
27 Bill's partner
28 Rust removers
30 The Yankee Years autobiographer
31 Utah's state animal
32 Neutralize
34 Peers
36 Central figure in the Koran
37 War game
38 Soup or salad
39 Soup or salad
42 Critical comment
43 Syndication selection
44 Calendar abbr.
45 Hashes (over)
46 Opposite sides
47 Calendar abbr.
48 Handheld lens
49 From M
down
50 Handheld lens
51 Minute
52 Sugar brand
54 It may be made with a hedge
55 Watt-hour fractions
56 Central figure in the Koran
57 Wood used for kitchen spoons
58 Engage
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60 2011 voice role for Owen Wilson or John Turturro
61 Opposite sides
62 Opposite sides
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65 Two for the game
66 Opposite sides
67 Put spots on

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1 The Volga's destination
2 Tranquil
3 Mark fraction
4 Way with words
5 Escape clause
6 Recreational vehicles
7 Word before fair or fighter
8 Extremely hardy
9 Affect
10 Lapse
11 Syrian __ Republic
12 All-purpose answer
13 Easter ritual
14 Part of big-league umpires' attire
15 Special interest group
16 Bad weather, briefly
17 "Celebrate the Kid Inside" snacks
18 Ingredient in a Matador
19 Ophelia or Horatio
20 Really like
21 "Man is born to trouble": Job
22 Possession of "noble"
23 Paint-thinning compound

1 General Washington chief of staff
2 Its cast sang at 2010's 13 Down
3 Syndication selection
4 Blocklike
5 Do business
6 Alternative to "stamped"
7 Caught

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YOUR THESIS COMMITTEE
Also known as an impossibly difficult group to get together in one room but who nevertheless hold your future in their hands depending on their ability to reach a civilized consensus.

The Author
Adversary has bitter rivalry with your Professor and will argue the exact opposite view. Visit this to your advantage.

The Strawman/Woman
No opinions.

The Assistant Professor
Still doesn't believe just a few months ago they were on the other side just like you. Pretends to be an adult.

NONE OF THEM WILL ACTUALLY READ YOUR ENTIRE THESIS.
Jeff Ma ’94: MIT alum and inspiration for the film

By Tushar Kamath  

With the publication of his book Bringing Down the House, MIT alum Jeff Ma ’94 established himself as an inspiration for the movie of the same name. The book, which details Ma’s experiences in casinos by counting cards, was met with critical acclaim and became a bestseller. The movie, released in 2008, starred Jim Sturgess as Ma and brought to life the story of MIT’s elite team of card counters.

On a windy Tuesday night this past week, the Lecture Series Committee ran a presentation centered around one of the most prominent references to MIT in pop culture. In the dimly lit room, 26-100 stood Jeff Ma ’94, the inspiration for the main character of the movie being screened. 2i. Next to him was Ben Mezrich, renowned author of Bringing Down the House and the movie’s co-screenwriter. The event attracted attendees from a variety of backgrounds, from MIT students to alumni and fans of the film.

As previews for upcoming movies played, a couple students moved to the back to get autographs and photos with Ma and Mezrich. Soon, the movie began. 2i, a 2008 drama, followed the story of the MIT Black-jack Team that won big in Las Vegas’ casinos (Spacely played an MIT lec-turer who coached the team). As a social event, the students mingled with the attendees, asking questions and sharing their own experiences with the card counting lifestyle.

When asked about his best night in Vegas, Ma responded with hu-mor. “We’re talking about poker, right?” On his current work at tenXer, a startup marketed as a “personal productivity hub,” Ma said, “I’m now working in startups, and if there are any Course 6 majors out there, my new venture tenXer is ac-cepting summer interns!”

Throughout the discussion, Ma and Mezrich disagreed on how much the Hollywood version deviated from Ma’s life. “I think about 95 percent of my story was true to Ma’s life,” said Mezrich in a reserved tone. “It was 75 percent,” replied Ma curtly, “and I should know because it was my life.”

Mezrich just smiled back. Towards the end, some of the crowd started asking more probing questions, one of which was par-ticularly telling: “Would you have done it again?” Ma heartily replied, “Hell yes!”

In many ways, Ma was the quint-essential West Campus MIT grad. A Course 2 (Mechanical Engineering) major with a passion for watching sports (see the most recent track of his sports-centered startups), Ma cracked a couple of jokes and seemed casual about the whole af-fair, all the while working subtly to promote his own startup ventures. When asked about his best night in Vegas, Ma responded with hu-mor. “We’re talking about poker, right?”

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MIT2030, from Page 1

ution and the faculty which the task force represented: “All of the feedback I’ve received on the contents of the report has been very positive. This includes faculty who had been most vocal in expressing concerns with the Kendall Square development process and several members of the Faculty Newsletter’s Editorial Board.”

Jonathan A. King — a pro-fessor in Course 2 (Biology) who lobbied hard for the ad-ministration to communicate with the faculty on MIT 2030 issues — has his own piece in the FNL, “Graduate Student Life, Research Productivity, and the MITiMOoC Proposal.” King advocates for additional on-campus graduate student housing, and notes that Presi-dent Vest “launched an effort to increase on-campus gradu-ate student housing to 50 per-cent of the need” resulting in additional graduate dormi-tories, but that “the initiative was not sustained under President Hockfield.” — John A. Hawkinson

New partnerships

More colleges to incorporate edX

edX, from Page 1

Mill and MassBay CC will “give students an even richer online experience,” Agarwal said, similar to the 6.002x section of 6.002 (Circuits) offered at MIT last year. “The new course will provide students with the flexibility they need, especially for commut-ing students,” Agarwal said at the press conference yesterday.

According to the press release, the collaboration aims to build upon edX and community college data-driven research to exam-ine the advantages of a blended classroom model that utilizes edX MOOC content, consisting of innovative learning method-ologies and game-like educational experiences. This offering of 6.00x is not the first trial of a blended class that edX has undertaken. Currently, students in ESG and Concourse 6.01 use materials on the edX plat-form to enhance learning.

“The expansion of online learn-ing is fundamentally changing the way students learn and teachers teach,” Patrick said at the press conference.

The President of MassBay Com-munity Colleges, John O’Donnell, also gave his praises to the collab-oration, saying that the edX is “one of the most substantial, innovative ventures in the public education centers since the GI Bill.”

Solution to Crossword

<table>
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<th>CAPITÁIS</th>
<th>CHEAP</th>
<th>SPECTER</th>
<th>PERRY</th>
<th>SHERLOCK</th>
<th>COOL</th>
<th>PROG</th>
<th>ALCOR</th>
<th>SEGNAIS</th>
<th>GODS</th>
<th>ENEMIES</th>
<th>EMULATE</th>
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<td>56 74</td>
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<td>74 186 25</td>
<td>39 61 84</td>
<td>54 125 93</td>
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Solution to Sudoku

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

Solution to Suduko

| 3 4 5 2 1 6 | 4 5 6 3 2 1 | 5 6 1 4 3 2 |
| 1 2 3 6 5 4 | 2 3 4 1 6 5 | 6 1 2 5 4 3 |

Members of the MIT Ohms, MIT’s South Asian a cappella group, perform at their fall concert Ohmcoming in 10-250 on Saturday.

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PHILAg SIMPLE S+ A}R
Swartz hid behind helmet, but only after he was already photographed

On Friday, the government filed its consolidated reply to various motions to suppress evidence in U.S. v. Aaron Swartz. Swartz is being prosecuted for hiding a laptop at MIT and mass downloading millions of journal articles from JSTOR from 2010–2011.

The government’s reply included a panoply of 22 exhibits, which included several photographs of Swartz as he entered the Bldg. 16 telephone closet, as well as pictures of the closet, laptops, etc.

In one photo, from Jan. 4, 2011, Swartz is clearly identifiable. In another photo, from Jan. 6, 2011, he attempted to cover his face with a bicycle helmet. He was apprehended later that day by the MIT Police.

The government’s reply plausibly argues that many of Swartz’s motions to suppress evidence are without merit. It argues he had no reasonable expectation of privacy in the laptop he left behind unattended on the MIT campus for months, including with respect to its network access logs (DHCP logs).

The government’s reply makes almost no mention of the network flow data cited by Swartz in his motions to suppress — that network flow data would record the precise web sites that Swartz tried to visit, and all connections made by his computer on the network, something much more sensitive and identifiable than DHCP logs. The government refers in passing to network switching data, but does not discuss its special sensitivity.

The government also notes several of Swartz’s suppression requests are moot, because they do not intend to offer the results as evidence. That includes the result of a port scan of his computer, packet capture data, and the result of searching his apartment and office (with search warrants).

Attempt to copy laptop RAM

The government’s filing attempts to justify an attempt that the FBI made to copy the active memory (RAM) of running laptop, without a search warrant.

The government argues that the RAM of Swartz’s computer might provide “decryption passwords,” and that the computer might be impossible to search later, even with a warrant.

As such, the government says, “exigent circumstances” justified their attempt to copy the laptop’s RAM.

Nonetheless, they failed to do so — after opening the laptop they were presented with a login screen which defeated their attempt to copy the RAM.

Next steps


— John A. Hawkinson

Swartz entered 16-004T on Jan. 4, 2011, face exposed.

Swartz entered 16-004T on Jan. 6, 2011, hiding behind helmet.

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MEN'S BASKETBALL

Mia N. Stevens ‘14 competes on 3-meter springboard for MIT this Saturday against Bowdoin and Babson Colleges. Stevens won both the 1-meter and 3-meter and the Engineers ultimately beat Bowdoin 224-87 and Babson 248-59.

Kates leads team with 23 points in 64-53 win

By Phil Hess

Kates leads team with 23 points in 64-53 win

MIT, which missed its first seven shots of the half, was able to stay close.

Both teams were cold at the start of the second half. Miersma gave Gordon its first lead of the game a minute and a half in, but his shot was the only one the Fighting Scots hit in their first six attempts. MIT, which missed its first seven shots of the half, was able to stay close and tied it up back up when Tashman broke the streak with a three and a half minutes left.

After that there were four lead changes and three ties over the next five minutes. Taylor Bajema put Gordon on top with 1:45 to play at 39-38 on a 3-point play, but Tashman gave MIT the lead for good on its next trip to the line. A trey from Kates and a layup from Dennis R. Levine ‘13 made it a six-point advantage with nine minutes to play.

Gordon could never come up with a scoring run for the rest of the game, as MIT answered every Fighting Scots score but one. Gordon was within four after a Dempsey jumper made it 52-48 with 4:25 left, but MIT scored five straight and held the Fighting Scots scoreless for over three minutes as the Engineers built their advantage to 57-48 after Tashman’s final field goal of the night. MIT iced the victory by hitting on seven of eight free throws over the final minute.

Gordon and Tashman were the only two players in double figures for MIT, which shot 46.7 percent for the game and held a 34-24 edge on the boards. Dempsey led the Engineers in the lead for good on its next trip to the line. A trey from Kates and a layup from Dennis R. Levine ‘13 made it a six-point advantage with nine minutes to play.

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