

MIT's Oldest and
Largest Newspaper

tech.mit.edu



WEATHER, p. 2

TUE: 50°F | 39°F
Partly sunny
 WED: 50°F | 39°F
Partly sunny
 THU: 52°F | 37°F
Sunny

Volume 132, Number 55

Tuesday, November 20, 2012

Colleges in area partner with edX for class credit

*Bunker Hill, MassBay
to adapt 6.00x in 2013*

By Stan Gill
NEWS EDITOR

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 concretely 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 schools releasing courses to the Coursera platform, according to Coursera’s website.

6.00x on edX is coined as a massive open online course (MOOC) in which students learn the material 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

edX, Page 10



EMILY KELLISON-LINN—THE TECH

MIT Bhangra performs in the Student Center Friday night at Ring the Alarm, an annual dance competition held by Mocha Moves with competing teams coming from colleges all over the Boston area. MIT Bhangra ended up winning the competition.

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 Mullen 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 Mullen, “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.thehubway.com/stations>.

—Bruno B. F. Faviero

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-

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CHRISTOPHER A. MAYNOR—THE TECH

Participants were all smiles in Lobby 10 Friday morning at Amphibious Achievement’s second annual Erg-A-Thon, a fund-raising event which involved teams of volunteers competing to row the longest distance on indoor rowing machines. Amphibious Achievement, an organization that offers a dual athletic and mentorship program for youth in the Boston-Cambridge area, raised a total of \$7,495 this year.

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 acia@mit.edu.

Shuttle service to Logan Airport will be provided for Thanksgiving break. Reserve your seat at <http://web.mit.edu/facilities/transportation/shuttles/airport.html>.

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

LIKELY (J)STORY

The government files its reply to motions to suppress evidence in *U.S. v. Aaron Swartz*. **NEWS, p. 11**

NO MORE BAD BLOOD

Restrictions on blood donations from gay men must be lifted. **LETTERS, p. 4**

WHAT IS IT GOOD FOR IN GAZA?

Examining the human toll of the Israel-Palestine conflict. **OPINION, p. 4**



RESEARCHERS: THE LEGEND OF CORAL

One researcher recounts her experience exploring coral in the central Pacific. **CAMPUS LIFE, p. 7**

21’S BIG PLAYERS

Film inspiration Jeff Ma ’94 and book author Ben Mezrich presented at the LSC screening. **NEWS, p. 10**

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Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	Trough	Snow Rain	Fog
L Low Pressure	Warm Front	Showers Light	Thunderstorm
S Hurricane	Cold Front	Moderate	
	Stationary Front	Heavy	Compiled by MIT Meteorology Staff and <i>The Tech</i>

Fighting breaks standoff between rebels and Congo forces

By Josh Kron
THE NEW YORK TIMES

KAMPALA, Uganda — Heavy shelling and gunfire Monday broke a tense standoff between Congolese rebels on the outskirts of the eastern Congolese city of Goma and government soldiers backed by U.N. troops who were hunkered down inside, as fears also rose of a direct military confrontation between the Democratic Republic of the Congo and its neighbor Rwanda.

The Congolese government re-

jected an ultimatum made by rebels Sunday night to withdraw from Goma and accused Rwanda, which a U.N. panel has said has links to the March 23 rebels, of sending two battalions over the border into Congo to fight on their behalf and firing a rocket that injured five civilians in Goma. Rwanda has called the accusations “absolutely false and diversionary” and said Rwanda was “exercising restraint as of now,” according to a military spokesman, Brig. Gen. Joseph Nzabamwita. Rwanda’s military accused the Congolese army

of bombing the nearby Rwandan border city of Gisenyi, killing one and injuring two others. Amid the back and forth, Sekombi Katondolo, a radio journalist inside Goma, said that Congolese troops were aligning along the border and that fears of an escalation in the battle were high. “It’s really scary,” the radio journalist said, as fighting between government forces and rebel soldiers around Goma broke out Monday afternoon. “We knew it would happen, but we didn’t think it would happen all of a sudden.”

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 — a notion that still splits its members into rival camps. The church is part of the worldwide Anglican Communion, a Protestant denomination that is deeply divided on issues of gender and sexuality. The church’s 470-member National Assembly is to vote Tuesday on the question of ordaining 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 bishops and clerics are regarded as likely to endorse a compromise that would allow ordination of women as bishops but permit traditionalist parishes to reject their authority. But the outcome of the vote among lay members is far less assured, according to British analysts. Almost all of the 44 Church of England bishoprics have indicated support for the measure. Women currently account for one-third of the Anglican clergy and around half of those now in training to become priests. But the question of women as bishops stirs passionate debate among Anglicans, especially in Africa, where one-quarter of the world’s

Anglicans live and where social attitudes tend to be more conservative than in the West. The church’s attitude toward same-sex marriage and homosexuality stirs similar controversy. 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. 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.

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 “doom 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. “In recent years, the long pent-up problems in some countries have led to the venting of public outrage, to social turmoil and to the fall of governments, and corruption and graft have been an important reason,” 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.”

—Edward Wong, The New York Times

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

SUBMIT @ runemag.mit.edu

poetry

short stories

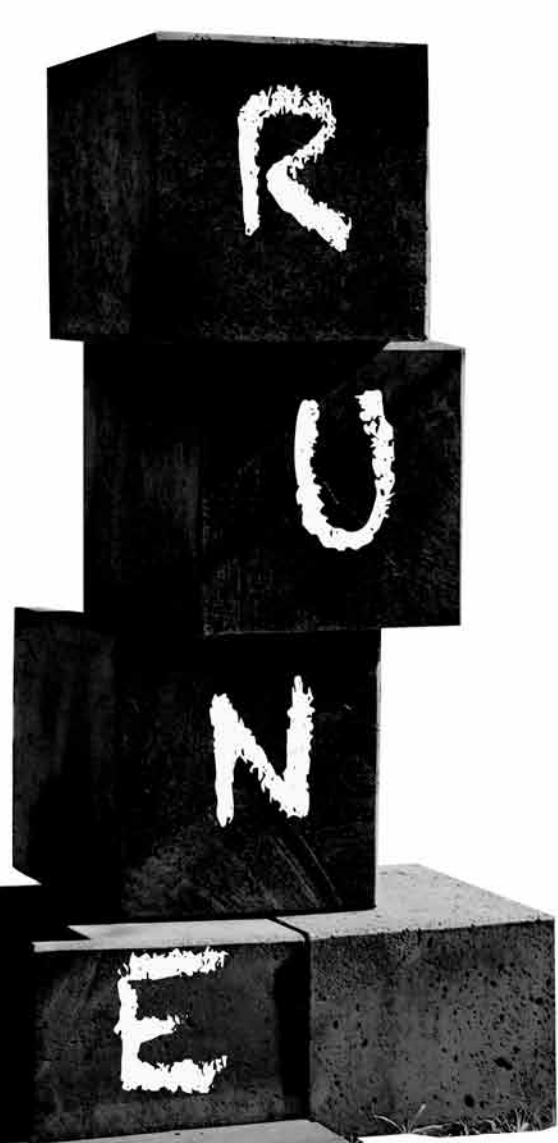
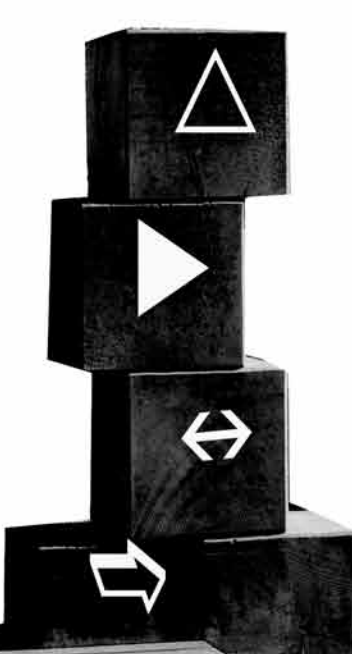
prose

paintings

photography

etc.

show us your best work.



RUNE - MIT's literature & art magazine

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 blood shed.

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 stop-

ping Hamas from breaking that cease-fire at any moment, repeatedly plummeting 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.

OPINION

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.



Students wind down after a long day of classes and swing lights in front of Kresge Auditorium on Saturday evening.

EMILY KELLISON-LINN—THE TECH

SPLASH 2012

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.



EMILY KELLISON-LINN—THE TECH

Several students crowd around a laptop to watch a movie while waiting for their first class to start.



EMILY KELLISON-LINN—THE TECH

Evan Ehrenberg G, Katherine Karvoski '14, and Christine Labaza '14 lead a lightsaber dueling and stage combat class.



EMILY KELLISON-LINN—THE TECH

Crowds of participants navigated their way through the Infinite Corridor on Saturday.



EMILY KELLISON-LINN—THE TECH

Class subjects included learning how to make chainmail, among other things.



EMILY KELLISON-LINN—THE TECH

Splash participants clap along to the rhythm of a song in a class led by members of the Chorallaries.

THE SECRET LIVES OF RESEARCHERS

Corraling coral in the Pacific

The trials and tribulations of an oceanography mission lead to undersea 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 emeritus (and on a good day a dead ringer for Harrison Ford), and Chip Young, 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 out that an outboard motor we needed for 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.

The first 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 bounce 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 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 powered by it, and hopefully we aren't contributing too much to its problems.

After four days, we finally collected the

This island is a mere quarter mile long and except for visits from the USFWS and NOAA researchers every few years, no one is allowed to visit the island.

motor and headed off to Jarvis, the “jewel of jewels” of the Pacific. This island is a mere quarter mile long and except for visits from the U.S. Fish and Wildlife Service and National Oceanic and Atmospheric Administration researchers every few years, no one is allowed to visit the island. It is one of the most pristine reef ecosystems in the world. We planned on scuba diving to collect coral samples. As I learned to dive specifically for this expedition, Jarvis was my first diving location. I hoped that this study site wouldn’t be so spectacular that it would ruin the possibility of me ever being impressed by a coral reef again.

Minutes after I drop into the water, a manta ray with a 10-foot wingspan glides right over my head, flapping gracefully. Then high-pitched whistling reaches my ears and a pod of dolphins wheels into view, pumping their tails and turning on a dime, bubbles streaming like smoke trails as they dolphins jump out of the water. Hundreds of them surround *Seadragon* and the dinghies that we dive from, excit-

ed about the novelty of a boat. And there are lots of fish: Bohar snapper, barracuda, black jack, bluefin trevally, spotted eagle ray, fusilier fish, and many large parrotfish. They aren't afraid of people and approach us out of curiosity, turning only when they are an arm's length away.

On one side of the island, the underwater slope is very steep. Coral cascades down the slope in scalloped shelves and small fish take shelter in the crevices below. Brightly colored corals and fish make a rainbow around us. Small anemone fish

hang like a curtain, flashing with every movement in a mesmerizing display. Moray eels pop out from holes in the corals we sample. Sharks approach from the blue abyss and sea turtles flap by. It is truly a wonderland and I am almost disappointed when we finish collecting our samples from the island because it means we have to leave. But Jarvis definitely did not ruin diving for me. I became hopelessly hooked and couldn't wait for our next location, Howland Island.

It was on our way to the last island, Maiana, in the Gilbert Islands that we felt the real power of the wind. Or precisely, the lack of it: we were in a “hole,” a region of high pressure without a breath of wind. We competed as to who could catch the wind meter at its lowest — 3.2 knots? I can beat that, I saw it at 2.1! In a region that usually gets a steady 15 knots of tradewinds, this spelled trouble. Luckily, *Seadragon* has a motor so we weren’t reduced to carving scrimshaw while waiting for a puff of wind as we would have done 150 years ago.

The going was slow, and the heat built up. It wasn't too bad to start the 6 a.m. 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 became listless and torpid. Food became less and less appealing, largely from the knowledge 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're gone." I suppose the experience of being becalmed in the tropics is a time-honored one, but we were glad when we sputtered into the Gilbert Islands on our last few 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 Pacific. 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 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 passionate 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.



CHARLES YOUNG

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.

[illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible][illegible]

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.



by Jorge Cham

JORGE CHAM © 2012



Your Professor

Simultaneously your biggest ally and your worst enemy. Will be the first to suggest you do more work.



The Guru

Only here for the
free cookies.
Don't forget to
bring cookies.



Adversary
The Asshole

Has bitter rivalry with your Professor and will argue the exact opposite view. Work this to your advantage.



The Strawman/woman

Nice guy.
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.

Saturday Stumper by Lester Ruff

Solution, page 10

ACROSS

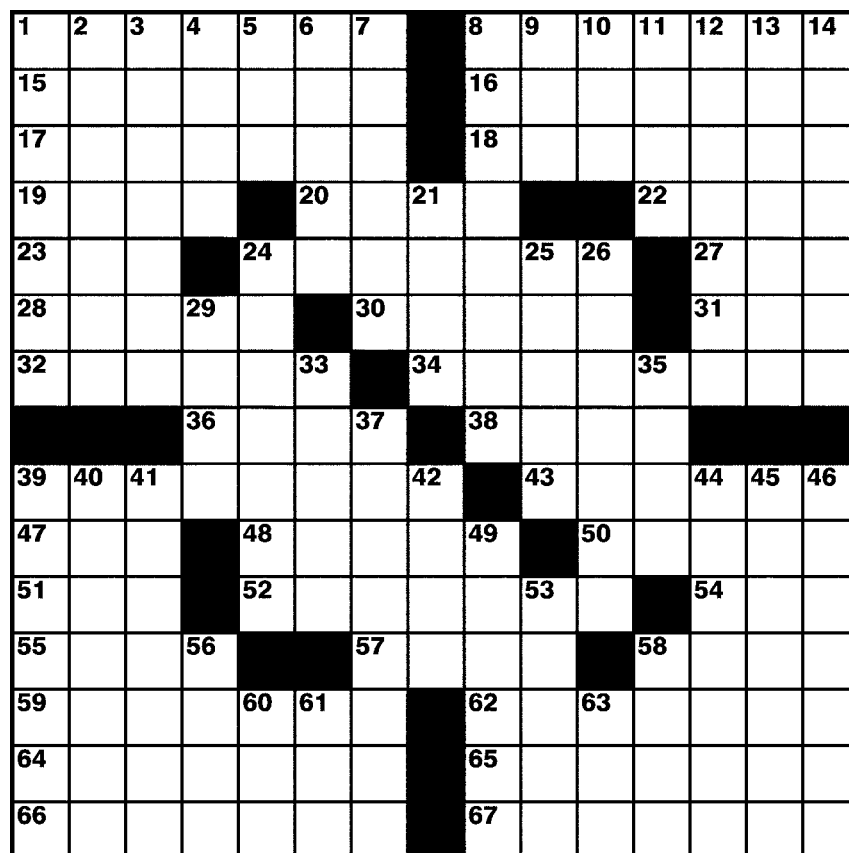
- 1 Commencement ritual
- 8 Not as high
- 15 Blameworthy
- 16 Result of too much cabin pressure?
- 17 Phantom
- 18 Hitherto unknown
- 19 Restrained, with "up"
- 20 Concern of a certain ceiling
- 22 Critical comment
- 23 Name related to John
- 24 Whom a UK poetry prize is named for
- 27 Bill's partner
- 28 Rust removers
- 30 The Yankee Years autobiographer
- 31 Utah's state animal
- 32 Neutralize
- 34 Peers
- 36 Central figure in the Koran
- 38 Soup or salad
- 39 War game
- 43 Syndication selection
- 47 Calendar abbr.
- 48 Hashes (over)
- 50 Handheld lens
- 51 Minute
- 52 Sucralose brand
- 54 It may be made with a hedge
- 55 Watt-hour fractions
- 57 Wood used for kitchen spoons
- 58 Engage

59 Espresso ingredient

- 62 2011 voice role for Owen Wilson or
John Turturro
64 Opposite sides
65 Try to be like
66 Means
67 Put spots on

DOWN

- 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 Affected
- 10 Lapse
- 11 Syrian __ Republic
- 12 All-purpose answer
- 13 Easter ritual
- 14 Part of big-league umpires' attire
- 21 Special interest group
- 24 Bad weather, briefly
- 25 "Celebrate the Kid Inside" snacks
- 26 Ingredient in a Matador
- 29 Ophelia or Horatio
- 33 Really like
- 35 "Man is born __ trouble": Job
- 37 Student's permission slip
- 39 Opposite of "noble"
- 40 Paint-thinning compound



- | | |
|--------------------------------------|--------------------------|
| 41 General Washington chief of staff | 53 Syndication selection |
| 42 Its cast sang at 2010's 13 Down | 56 Sport in a ring |
| 44 Blocklike | 58 Servants |
| 45 Do business | 60 House-__ |
| 46 Alternative to "stamped" | 61 Hole starter |
| 49 Caught | 63 Hole ender |



REPORTER’S NOTEBOOK

21 bringing down the house

Jeff Ma ’94: MIT alum and inspiration for the film

By Tushar Kamath
STAFF REPORTER

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 light room 26-100 stood Jeff Ma ’94, the inspiration for the main character of the movie being screened: *21*. Next to him was Ben Mezrich, renowned author of *Bringing Down the House*, which piqued Kevin Spacey’s interest in a story of MIT nerds taking down Las Vegas’ casinos (Spacey played an MIT lecturer who coached the team).

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: *21*, a 2008 drama, followed the story of the MIT Blackjack Team that won big in Las Vegas’ casinos by counting cards.

Exactly two hours and three minutes later, the lights came back on, and a round of applause introduced Ma, dressed in jeans and a

shirt from his startup tenXer, and Mezrich, looking more formal in a white shirt and brown pants.

“There were two things that I had to tell my dad before he came into the theater,” said Ma. “First, that he was dead in the film” — in the movie, Jim Sturgess’ character’s dad passed away early in his childhood — “and second, I was white [and not Asian].” This comment elicited a number of laughs from the audience.

“It was 75 percent [true]. I should know because it was my life.”

—Jeff Ma ’94
INSPIRATION FOR *21*’S PROTAGONIST

In many ways, Ma was the quintessential 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 affair, all the while working subtly to promote his own startup ventures.

When asked about his best night in Vegas, Ma responded with humor: “You’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 accepting 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 particularly telling: “Would you have done it again?”

Ma heartily replied, “Hell yes!”

MIT2030, from Page 1

tration 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 professor in Course 7 (Biology) who lobbied hard for the administration to communicate

with the faculty on MIT 2030 issues — has his own piece in the FNL: “Graduate Student Life, Research Productivity, and the MITIMCo Proposal.” King advocates for additional on-campus graduate student housing, and notes that President Vest “launched an effort to increase on-campus graduate student housing to 50 percent of the need” resulting in additional graduate dormitories, but that “the initiative was not sustained under President Hockfield.”

—John A. Hawkinson



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

Solution to Techdoku
from page 8

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

Solution to Sudoku
from page 8

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

Solution to Crossword
from page 9

C	A	P	T	O	S	C	C	H	E	A	P	E	R
A	T	F	A	U	L	T	A	I	R	R	A	G	E
S	P	E	C	T	E	R	S	T	R	A	N	G	E
P	E	N	T	D	E	B	T	B	A	R	B		
I	A	N	T	S	E	L	I	O	T	C	O		
A	C	I	D	S	T	O	R	R	E	E	L	K	
N	E	G	A	T	E	C	O	E	Q	U	A	L	S
						N	O	A	H		N	O	U
L	A	S	E	R	T	A	G	S	I	T	C	O	M
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New partnerships

More colleges to incorporate edX

edX, from Page 1

Hill 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 commuting 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 examine the advantages of a blended classroom model that utilizes edX’s 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 8.01 use materials on the edX platform to enhance learning.

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

The President of MassBay Community Colleges, John O’Donnell, also gave his praises to the collaboration, saying that the edX is “one of the most substantial, innovative ventures in the public education centers since the GI bill.”

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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 motion 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 logon screen which defeated their attempt to copy the RAM.

Next steps

Swartz will file a reply brief of up to 55 pages in length by Dec. 3, 2012. The case goes to trial on Feb. 4, 2013.

— John A. Hawkinson



SOURCE: U.S. DEPARTMENT OF JUSTICE; DOCKET PAPER 81, EXHIBIT 13
Aaron Swartz enters 16-004T on Jan. 4, 2011, face exposed.



SOURCE: U.S. DEPARTMENT OF JUSTICE; DOCKET PAPER 81, EXHIBIT 14
Swartz enters 16-004T on Jan. 6, 2011, hiding behind helmet.



TAMI FORRESTER—THE TECH

Students register for Relay for Life on Friday evening at the Relay for Relay fundraiser event on Kresge Oval. Relay for Life, a fundraising event hosted by the American Cancer Society, will be held on March 9 next year at the Johnson Athletic Center indoor track.

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Men's Basketball vs. Emmanuel College	8 p.m., Rockwell Cage



JESSICA L. WASS—THE TECH

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.

By Phil Hess
DAPER STAFF

Trailing by a point midway through the second half, MIT put together a 7-0 run that put the Engineers in the lead for good as they defeated Gordon College by a final of 64-53. Senior Mitchell H.

Kates led all scorers for the No. 1 ranked Engineers with 23 points, with senior William Tashman picking up his first double-double of the season with 20 points and 10 rebounds.

Tashman and Kates scored four each over the first five minutes as MIT (2-0) built an 8-2 early advantage. Gordon (0-1) cut the lead down to three after Hans Miersma hit a jumper in the paint to make it 10-7. But Kates came up with steals on the Fighting Scots next two possessions which led to layups for both himself and Tashman as the Engineers built their largest lead of the night, 14-7, with 12:34 left in the half.

Another Tashman jumper built the MIT lead to nine before Gordon started to chip away at the Engineers lead. Three-pointers by Park Thomas and David

Dempsey had Gordon back within three at 20-17 at the 7:44 mark. Back-to-back baskets by Andrew M. Acker '15 and Justin M. Pedley '16 pushed the lead back to seven. MIT still lead by five with two minutes left after a pair of Kates free throws, but four straight points by the Scots made it 28-27 with 1:19 left. James R. Burke '13 hit a pair of free throws to make it a three-point MIT advantage with 10 ticks on the clock, but Thomas connected on a trey with four seconds left to tie it up at 30-all at the half.

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 back up when Tashman broke the streak with a shot three and a half minutes in.

After that there were four lead changes and three ties over the next five minutes. Taylor Bajema put Gordon on top with 11:45 to play at 39-38 on a 3-point play, but Tashman gave MIT the lead for good on its next trip with a layup. A trey from Kates and a layup from Dennis R. Levine '15 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 Scot 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.

Kates and Tashman were the only two players in double figures for MIT, which shot 46 percent for the game and held a 34-24 edge on the boards. Dempsey led Gordon, which shot 46.7 percent, with 15 points and six rebounds. Thomas also reached double figures for the Fighting Scots, finishing with 13 points.



EMILY KELLISON-LINN—THE TECH

Robin Shin '13 gathers her focus just before the start of a sabre bout against UMass Amherst at the Northeast Fencing Conference competition held at MIT on Saturday. The MIT women's fencing team went undefeated in the competition, topping UMass Amherst, Wellesley College, University of New Hampshire, Brandeis University, Sacred Heart University, and Boston University. Shin won every one of her 18 bouts, and the sabre team finished with a record of 47-7.

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