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WEATHER, p. 2 SAT: 80°F | 57°F Sunny SUN: 82°F | 61°F Partly cloudy

Volume 133, Number 28 Friday, June 14, 2013

### Bexley Hall vandalized on night before move-out date

### Facing a 3-year closure for renovation, residents elect representatives, contrary to dorm tradition

**By Laura E. Forte** and Anthony Yu

This past Saturday morning, Bexley Hall House Manager Jon Nolan notified Bexley residents of vandalism done to the dorm's 50 entry the night of Friday, June 7. According to the email, the damage was significant, including broken glass strewn across the floor, fixtures torn from the walls and ceiling, and a hole in the wall that Nolan described as "the size of a human being."

As a result of the vandalism, "50 entry is unsafe and needs to be cleared out," he wrote.

It is unclear who caused the

damage, although several residents replied to Nolan's email to express their dismay at the events. "It is unfortunate that it occurred," wrote Bexley GRT Matthew Getz G in an email to The Tech, "and I hope it doesn't affect the way the administration treats the Bexley community in the future."

Over the past several weeks, Bexley has been at the center of much discussion due to its closure, announced on May 7. The building was reported to have significant water damage and to be structurally unsound, and is scheduled to be closed for up to three years while these issues are addressed.

Nolan said that because of

the vandalism, no extensions or exceptions would be granted to the senior move-out deadline at noon on June 8, the same day he sent out the email announcing the vandalism. There are now no students still residing in Bexley. GRTs and housemasters were instructed to move out as soon as possible following the final exam period.

Getz wrote that the GRTs have signed contracts with MIT that guarantee them housing in a graduate dorm for the next year, but like the undergraduates, they were not guaranteed their residence hall of choice.

Following the announcement



A hole in the wall of Bexley Hall's entry 50 was part of vandalism that happened overnight in the now-closed dorm. Bexley will be undergoing extensive renovations Bexley, Page 6 for up to the next three years.

### Dennis Freeman is next **DUE**, succeeds Hastings

### Course 6 professor takes office July 1

By Anne Cai EDITOR IN CHIEF

Dennis Freeman PhD '86, Professor of Electrical Engineering and the Course 6 undergraduate officer, has been appointed MIT's next Dean for Undergraduate Education (DUE), Chancellor Eric Grimson PhD '80 wrote in an email to the MIT community last Thursday. Freeman will step into the position on July 1, succeeding Daniel E. Hastings PhD '80, Professor of Aeronautics and Astronautics and Engineering Systems, who has served as DUE since 2006.

Following Hastings' Jan. 8 an-

nouncement that he would be stepping down, a search committee was formed with Graham C. Walker as the chair. The committee consisted of eight other faculty members, three students, and senior associated dean Elizabeth Reed. The committee was charged with recommending three to five candidates to Grimson, who made the final choice.

"Denny will begin his time as Dean at a significant moment in shaping the future of MIT's model of residential education," wrote Grimson, Freeman will work with the Task Force on the Future of MIT Education to evaluate MIT's educa-

DUE, Page 14

### DormCon overspends on already controversial overnight retreat

At a May 16 meeting of MIT's Dormitory Council (DormCon), members were informed that the their annual retreat cost more than anticipated, by an amount not mentioned in the DormCon meeting minutes. The original budgeted cost for the retreat was \$4000 — a figure that had already caused discontent among some undergraduates who felt the money would be better spent on events that directly benefit residents of each dormitory.

The overnight retreat was hosted at Endicott House, a meeting facility that has been the site of many student and faculty meetings and retreats in the past, including last year's DormCon retreat. The 12 executive members of DormCon and the 11 dorm presidents were invited to attend, and each could bring one guest. These guests were dormitory vice presidents and underclassmen who wished to become more involved in DormCon. The purpose of the retreat, according to former DormCon President Edward A. Mugica '13, was the "clarification of our goals and intentions" as an organization, as well as the facilitation of communication between members.

When asked about the unanticipated costs of the retreat, Mugica stated that a miscommunication between members of DormCon occurred, as well as "charges that we didn't realize would come into play." The combination of these caused the retreat's total cost to far exceed the budgeted amount. Those making the decision, Mugica said, were unaware that the group would be charged for rooms that they did not end up using. As a result, the reservation was made for 35 people, only 19 of whom attended, according to Mugica. He said, "We were aware that there was a slight risk" of being charged, but that it was important that there

DormCon, Page 6

# Commencement 2013

#### **IN SHORT**

The Summer 2013 UROP deadlines for supervisor/sponsored research funding and Summer credit and volunteer is Thursday, June 20.

We publish two more Summer issues! Look for them on July 3 and August 7, before regular Fall issues start on August 23.

Keep an eye out for the Supreme Court's opinion on Fisher v. University of Texas, which should be release sometime in June. The decision will affect the consideration of race in college admission.

Bust a move at the City of Cambridge's Dance Party in Central Square on June 28!

Don't forget about Father's Day this Sunday!

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

### Record yield of 73 percent for admitted Class of 2017

1,125 out of 1,548 take Institute's offer of admission

By Anthony Yu

 $STAFF\,REPORTER$ 

The yield for the incoming Class of 2017 is MIT's highest ever. According to Dean of Admissions Stu Schmill '86, 1,125 took up MIT's offer of admission. representing 73 percent of the pool of 1,548 accepted students, who themselves made up only 8.2 percent of the 18,989 applicants. The yield is up from 2012 and 2011, when 70 percent and 65 percent of accepted students chose to enroll at MIT, respectively.

The tentative incoming class is slightly smaller than the Class of 2016, with five fewer students. However, the 2017 class size is likely to decrease with the "summer melt" as some students

may elect to take gap years or choos to attend other schools.

Regardless, the yield is a record, which Schmill attributed to an excellent, though slightly rainy, CPW, and the overall culture of MIT. "Students are really excited about the learning environment at MIT and the opportunities that they will have to explore their interests and grow as individuals," he said. With the increasing importance of science and technology in our daily lives, "there really has never been a better time to be a student at

Many of MIT's peer institutions also saw increased yields. Harvard

Yield, Page 6

#### **NEW CONFERENCE** FOR MEN'S VBALL

Men's Volleyball to compete in United Volleyball Conference. SPORTS, p. 16

#### **FAMILIAR SUPERMAN REBOOT**

Fantastic cast and effects, but Man of Steel plays it safe. ARTS, p. 7

### WANT TO WORK AT GOOGLE?

The Intern offers some good laughs, and great product placement. ARTS, p. 10



#### A RAINBOW FOR ME & A RAINBOW FOR YOU

A fleeting, bright double rainbow makes an appearance over Boston. **NEWS, p. 15** 

#### **ED SNOWDEN: HERO OR QUIXOTE?**

Differing views on Snowden's motive, story, and revelations.

OPINION, p. 4

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### Hague court declines inquiry into church abuse cover-up

The International Criminal Court in The Hague has decided not to investigate or prosecute the former pope and other leaders of the Roman Catholic Church on allegations of covering up the sexual abuse of children by priests.

Victims of sexual abuse filed a complaint in 2011 asking the court to prosecute Benedict XVI, then the pope, and three other Vatican officials for what they called an international and systemic cover-up of sexual abuse that amounted to "crimes against humanity."

The court responded in a letter dated May 31 that after analyzing the complaint, it determined that the matters "do not appear to fall within the jurisdiction of the Court." The letter said that "some of the allegations" fell outside the court's jurisdiction, which is to prosecute genocide, crimes against humanity and war crimes.

In addition, the case did not appear to meet the court's time limits. For the most part, the court may prosecute only crimes committed after it was constituted in July 2002, and even though the cases submitted by the victims involved more recent allegations, some of the supporting material the victims submitted predated 2002.

—Laurie Goodstein, The New York Times

### Obama's pen may determine scope of gay marriage ruling

WASHINGTON - A Supreme Court ruling this month that could overturn the ban on federal benefits for same-sex couples is presenting the Obama administration with a series of complicated and politically sensitive decisions: how aggressively to overhaul references to marriage throughout the many volumes that lay out the laws of the United States.

The decisions could affect Social Security checks, immigration laws and military benefits for same-sex couples, among many other issues, with the outcomes based on whether the couples live in a state that allows them to marry.

"We're going to fight to ensure that legally married gay couples have access to all federal benefits and protections, irrespective of state borders," said Fred Sainz, a spokesman for the Human Rights Campaign, a gay rights organization in Washington. "When it comes to federal benefits, it shouldn't matter what side of a state border you live on."

The court is expected to rule in the next two weeks. Based on the justices' questions at oral arguments in March, legal analysts predict that the justices will overturn the law on the grounds that marriage is a matter for the states.

-Michael D. Shear, The New York Times

### Palin returns to Fox News, after a brief split

Months after ending a sometimes tense working relationship, Sarah Palin and the Fox News Channel are back together.

Palin, the former Alaska governor and Republican vicepresidential candidate, has returned to Fox News as a paid contributor, Roger Ailes, the channel's chairman, announced Thursday. Her first appearance will come Monday on "Fox and Friends," the channel's conservative morning show.

The announcement came about five months after Palin's contract with Fox News expired. That contract, signed barely a year after Palin's unsuccessful 2008 bid for vice president, was said to be worth \$1 million a year, making her the highest-paid pundit at the channel.

Her new contract is almost certainly less costly for Fox, since Palin does not have the star power she once did. (Fox's news release Thursday noted that in 2010, the year she joined Fox the first time, Time magazine named her one of the 100 most influential people in the world.)

-Brian Stelter, The New York Times

### NSA chief to release details on surveillance program

By Jeremy W. Peters

THE NEW YORK TIMES

WASHINGTON - The director of the National Security Agency said Thursday that he would release more information about the top secret programs that sweep up vast quantities of communications data on people here and abroad, and vowed to clear up what he said were inaccuracies and misperceptions about how the programs work.

But the disclosure of any further details, said the director, Gen. Keith B. Alexander, would have to balance the public's right to know with the risks of divulging material that could tip off enemies.

'We have pledged to be as transparent as possible," he said after emerging from a classified briefing with House members. "I think it's important that you have that information. But we don't want to risk American lives in doing that. So what we're being is very deliberate in this process so that we don't end up causing a terrorist attack by giving out too much information."

Alexander did not elaborate on what kinds of information the NSA would disclose, beyond saying that it would involve statistics about the programs in question.

"And I think when the American people hear that," he added, "they're going to stop and say: 'Wait. The information we're getting is incorrect."

Among the inaccuracies he said he wanted to clear up was that the NSA is listening to Americans' phone calls.

Alexander appeared before reporters in the Capitol flanked by the Republican chairman of the House Intelligence Committee, Mike Rogers of Michigan, and the committee's senior Democrat, C. A. Dutch Ruppersberger, a bipartisan show of unity reflecting the general agreement among leaders on Capitol Hill that the surveillance programs are worthwhile and legal.

Alexander took no questions from reporters.

Rogers stressed that grave damage was done by the disclosure of the programs, which involve a huge database of the logs of nearly every domestic phone call made by Americans, and the collection of information from American Internet companies like Google without individual court orders if the request is targeted at noncitizens abroad.

"The more we know, the more dangerous this situation becomes, he said, adding that people believed to be intent on doing Americans harm had already altered their activities since the existence of the programs became public.

He also said that a "damage assessment" was underway within the NSA to assess what other kinds of secrets that the leaker, Edward J. Snowden, a former NSA contractor, might have tried to obtain.

Rogers went as far as to question whether there was something deeper to uncover about Snowden's ties to China, where he fled after making the NSA programs public.

"We need to ask a lot more questions about his motives, his connections, where he ended up, why he is there," Rogers said. "How is he sustaining himself while he is there? And is the Chinese government fully cooperating?'

### Bill Clinton's dissent on Syrian action puts White House on the spot

By Mark Landler THE NEW YORK TIMES

WASHINGTON - A day after former President Bill Clinton endorsed a more robust U.S. intervention in Syria, the White House pushed back Thursday on an issue that has Clinton aligning himself with Sen. John McCain, who has faulted President Barack Obama for his reluctance to get entangled in the bloody civil war there.

Jay Carney, the White House press secretary, said at a briefing that while Obama welcomed the perspective of outside experts like Clinton, "The president makes a decision about the implementation of national security options based on our national security interests, not on what might satisfy critics at any given moment about a policy."

Carney declined to say whether Obama disagreed with Clinton's views, noting that the president himself was considering more robust options, including arming the

Speaking Tuesday at a private session in New York with McCain, Clinton, drawing on his own experience as president in dealing with conflicts in Rwanda and the Balkans, said, "Sometimes it's best to get caught trying, as long as you don't overcommit.'

"Some people say, 'OK, see what a big mess this is? Stay out!" Clinton said. "I think that's a big mistake. I agree with you about this," he added, gesturing to Mc-Cain, R-Ariz., who has called for supplying the rebels with weapons and conducting airstrikes.

Clinton's remarks, which were first reported Wednesday by Politico, came near the end of a wide-ranging conversation with McCain. He did not recommend a specific course of action on Syria

or explicitly criticize the Obama administration's policy.

The former president, a person close to the Clinton family said, was "talking broadly about a hypothetical situation" and did not intend his remarks to be a "broadside" against Obama's policy.

Last summer, Hillary Rodham Clinton, who departed as secretary of state in February, joined the director of the Central Intelligence Agency at the time, David H. Petraeus, in arguing in favor of funneling arms to the rebels. They were rebuffed by Obama, however.

Recent advances made by the forces of President Bashar Assad, and the deepening involvement of outside players like Russia, Iran and Hezbollah, have prompted the White House to again consider arming the rebels and even conducting airstrikes against the Syrian air force. Clinton's comments came in the context of those gains.

### **WEATHER**

### A rare June Nor'easter

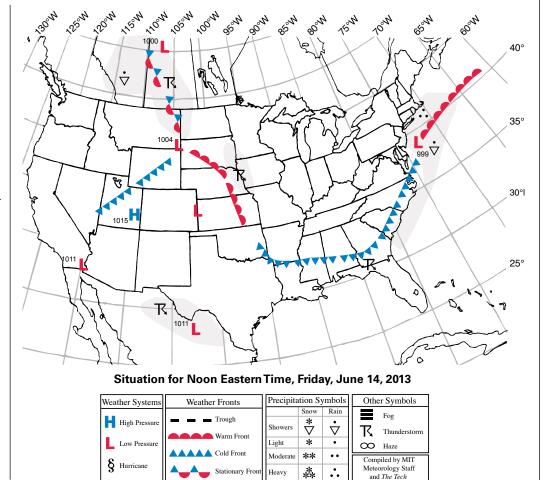
By Vince Agard

A Nor'easter, the type of weather system that usually brings snowstorms to New England in the wintertime, will make a rare June appearance today, creating breezy conditions and drenching rain. This is the same storm system that brought severe weather, including a large complex of thunderstorms known as a derecho, to the Midwest on Wednesday evening. Having moved through the Mid-Atlantic states on Thursday, the storm system moved offshore overnight and underwent a process called cyclogenesis, forming a strong low pressure center. That low will move northeastward (hence the day, bringing the aforementioned rain and wind to our area.

This month is poised to be one of the wettest months of June ever recorded in Boston. Already, 6.88 inches of rain have been recorded, a departure of 5.04 inches from the normal value at this time of the month. Today's Nor'easter is expected to drop around another inch of rain on the already-soaked area, creating the possibility for some flooding. While the month is not yet even halfway over, it remains unlikely that the all-time June precipitation record of 13.20 inches in 1982 will be surpassed this year.

#### **Extended Forecast**

Today: Breezy with morning rain, possibly heavy at times. High 67°F (19°C). Winds N at 10-15 mph, gusting to 20 mph. Tonight: Clearing, low 53°F (12°C). Winds light and variable. Tomorrow: Sunny, high 80°F (27°C). Winds W at 10-15 mph. Sunday: Partly cloudy, highs in the low 80s °F (28°C). Monday: Partly cloudy with a chance of showers, highs in the low 80s °F (28°C).



## Secret-court ruling in 2008 put tech firms in legal data bind

By Claire Cain Miller

THE NEW YORK TIMES

SAN FRANCISCO - In a secret court in Washington, Yahoo's top lawyers made their case. The government had sought help in spying on certain foreign users, without a warrant, and Yahoo had refused, saying the broad requests were unconstitutional.

The judges disagreed. That left Yahoo with two choices: Hand over the data or break the law.

So Yahoo became part of the National Security Agency's secret Internet surveillance program, Prism, according to leaked NSA documents, as did seven other Internet companies.

Like almost all the actions of the secret court, which operates under the Foreign Intelligence Surveillance Act, the details of the disagreement with Yahoo were never made public beyond a heavily redacted court order, one of the few public documents to emerge from the court. The name of the company had not been revealed until now. Yahoo's involvement was con-

firmed by two people with knowledge of the proceedings. Yahoo declined to comment.

But the decision has had lasting repercussions for the dozens of companies that store troves of their users' personal information and receive these national security requests - it puts them on notice that they need not even try to test their legality. And despite the murky details, the case offers a glimpse of the push and pull among tech companies and the intelligence and law enforcement agencies that try to tap into the reams of personal data stored on their servers.

It also highlights a paradox of Silicon Valley: While tech companies eagerly vacuum up user data to track their users and sell ever more targeted ads, many also have a libertarian streak and resist sharing that data with the government.

"Even though they have an awful reputation on consumer privacy issues, when it comes to government privacy, they generally tend to put their users first," said Christopher Soghoian, a senior policy analyst studying technological surveil-

lance at the American Civil Liberties Union. "There's this libertarian, pro-civil liberties vein that runs through the tech companies."

Lawyers who handle national security requests for tech companies say they rarely fight in court but frequently push back privately by negotiating with the government, even if they ultimately have to comply. In addition to Yahoo, which fought disclosures under FISA, others, including Google, Twitter, smaller communications providers and a group of librarians, have fought in court elements of National Security Letters, which the FBI uses to secretly collect information about Americans. Last year, the government issued more than 1,850 FISA requests and 15,000 National Security Letters.

"The tech companies try to pick their battles," said Stephen I. Vladeck, a law professor at American University who has challenged government counterterrorism surveillance. "Behind the scenes, different tech companies show different degrees of cooperativeness or pugnaciousness."

## Greek state broadcaster shut down, prompting worker strikes in protest

By Niki Kitsantonis

THE NEW YORK TIMES

ATHENS, Greece - Thousands of Greeks walked off the job Thursday in the third general strike of the year, this time called by labor unions to protest a surprise decision by the conservative-led government to close the state broadcaster and put about 2,900 employees out of work.

The nationwide walkout shut down tax offices, left hospitals on emergency staffing and disrupted travel. Ferries remained moored in ports and trains at depots, and long delays were expected on international flights. Public transit was also affected, though workers were running a reduced service to allow Greeks to join a protest rally.

Instead of gathering outside Parliament in central Athens, as they have done for anti-austerity protests since 2010, demonstrators met Thursday outside the headquarters of the Hellenic Broadcasting Corp., or ERT, northeast of Athens. Former

employees and supporters have gathered there since Tuesday night, when the authorities pulled the broadcaster off the air.

Private television channels continued a news blackout begun Wednesday, and newspaper employees walked off the job, leaving many Greeks to turn to blogs and social networks for news updates. Some dismissed employees of the closed state broadcaster, known as ERT for its initials in Greek, continued to produce news programs that were distributed through satellite channels

Though ERT was often criticized for overspending and for lacking independence, it was widely valued in Greece for its in-depth news coverage, documentaries and cultural programs. The government has said it will set up a leaner replacement company, probably over the summer; until then, Greek viewers are left with six privately owned national channels and a host of local stations whose offerings vary widely

in quality and whose news coverage is assumed to be influenced by the views of their owners. The national channels typically offer an assortment of news, talk shows, cooking programs and films.

The country's two main labor unions represent about 2.5 million workers and have historically been very powerful, though their influence has waned somewhat as many Greeks have been worn down by three years of job losses and wage and pension cuts. The unions condemned "unprecedented and provocative" initiatives by the authorities, including the shutdown of ERT.

The civil servants' union, known as ADEDY, accused the government of "methodically and autocratically annihilating the rights of workers and citizens, one by one, for a long time now," and said that the government's only aim was to satisfy the demands of Greece's three main foreign lenders: the European Commission, European Central Bank and International Monetary Fund.

### Inspector commits suicide after Philly building collapses, killing six

By Jon Hurdle

THE NEW YORK TIMES

PHILADELPHIA - A city building inspector was found dead of an apparently self-inflicted gunshot wound late Wednesday, a week after a building collapsed at a site he had inspected in central Philadelphia, killing six people.

The inspector, Ronald Wagenhoffer, 52, was found dead in his pickup truck in the Roxborough section of the city. He had been an inspector with the city's Licenses and Inspections Department for 16 years.

"It appears this was a selfinflicted gunshot wound," Everett Gillison, the deputy mayor for public safety, said at a news conference.

Wagenhoffer conducted an initial inspection at the site of the collapsed building that led to the issuing of a demolition permit on Feb. 12, according to documents

released by the city. But no city official inspected immediately before the demolition began, as required, because the contractor did not inform the city that it was about to start work, officials say. That step was also required.

Questions about whether the inspections department bears any responsibility for the collapse have arisen since officials confirmed that the required inspection did not take place.

Wagenhoffer did inspect an adjacent demolition site on May 14, in response to a public complaint, but he issued no citations, city officials say.

Gillison defended the record of both Wagenhoffer and the inspections department.

"This man did nothing wrong," Gillison said. "He did his job, and he did it the way he was supposed to do it. The department did what it was supposed to do under the code at the time. We are proud of

this department."

After the collapse, Wagenhoffer continued to do his job and showed no signs of distress, Gillison said. "He came to work every day," he said. "He was out doing inspections throughout."

Two days after the collapse, Mayor Michael A. Nutter introduced sweeping changes to the city's demolition rules in an effort to force private contractors to adopt the same standards as city agencies.

The collapse, in which a fourstory wall crushed an adjacent thrift store with shoppers and workers inside, is being investigated by a number of city and federal agencies, and by a grand jury that may recommend criminal charges. Prosecutors charged the excavator operator at the site, Sean Benschop, with six counts of involuntary manslaughter after his blood was found to contain traces of marijuana and painkillers.

### Bloomberg seeks to redo building code in Sandy's wake

NEW YORK - Mayor Michael R. Bloomberg proposed major changes to New York City's building code on Thursday, saying Hurricane Sandy showed that both commercial and residential properties needed additional safeguards to withstand severe weather.

At a news conference, Bloomberg unveiled the work of a task force that he and the City Council speaker, Christine C. Quinn, convened after the hurricane that is recommending some of the most significant revisions in the building code in years.

"Sandy clearly underscored why we need to protect our buildings," Bloomberg said in the lobby of a 520-unit residential cooperative in Long Island City, Queens, that had flooding from the East River during the hurricane.

The rules would require that doors and windows in new buildings be wind-resistant. They would mandate backup power so that stairwells and hallways were lighted during blackouts. They call for single-family homes to have control valves to prevent sewage backflow into basements.

The costs of the new regulations are expected to vary widely but could reach into the millions of dollars for new commercial projects.

-Mireya Navarro, The New York Times

### Two former interns sue Condé Nast over wages

NEW YORK - Two former interns filed a lawsuit against Condé Nast on Thursday, saying the company failed to pay them minimum wage at their summer jobs at W Magazine and The New Yorker, and asked that it be approved as a class-action suit.

Lauren Ballinger, who worked as an intern at W Magazine in 2009, and Matthew Leib, an intern at The New Yorker in 2009 and 2010, said in the suit that Condé Nast, which owns the magazines, paid them less than \$1 an hour.

According to court papers filed Thursday morning in U.S. District Court in Manhattan, Leib was paid \$300 to \$500 for each summer he worked. During that time, he was asked to review pieces for submission to the "Shouts and Murmurs" section and proofread and edit articles for the "Talk of the Town" section. Leib, a cartoonist, also helped maintain the online cartoon database, did research in the cartoon archives and coordinated the work of cartoon artists, the suit claims. He worked three days a week from 10 a.m. until 5:30 p.m.

—Christine Haughney, The New York Times

### Colorado wildfire destroys hundreds of homes

 $\mbox{\sc '(This article is part of TIMES EXPRESS.}$  It is a condensed version of a story that will appear in tomorrow's New York Times.);

DENVER - A wildfire burning north of Colorado Springs exploded overnight, destroying hundreds of homes in its path and forcing nearly 40,000 people to flee the area.

Driven by searing temperatures and sharply shifting winds, the fire in the suburb of Black Forest within hours became the most destructive fire in Colorado's history. At least 360 homes have been reduced to rubble since it started burning Tuesday.

With the wind direction shifting unpredictably, firefighters from local and federal agencies have struggled to contain the fire, which nearly doubled in size overnight to about 15,000 acres and has been roaring through the pockets of thickly forested communities here with increasing intensity.

—Dan Frosch, The New York Times

### Democrats quietly renew push for gun measures

WASHINGTON - Democratic leaders in Congress and the White House renewed their push for gun legislation on Thursday, just months after it was defeated in the Senate, amid delicate talks on a new background-check measure that advocates hope could change enough votes from no to yes.

But those negotiations met a warning from Sen. Harry Reid, D-Nev., the Senate majority leader, who said he would not accept any bill that is substantially weaker than the one defeated in April

"The bill that passes the Senate must have background checks, and not a watered-down version of background checks," Reid declared in the Capitol, flanked by the families of Newtown, Conn., school shooting victims.

Quiet talks between Sens. Mark Begich, D-Alaska, and Kelly Ayotte, R-N.H., officially do not exist. Both senators voted no in April, and aides to both deny the existence of negotiations or legislation.

Other senators, however, are openly acknowledging and encouraging the effort and say the talks are building momentum. Sen. Richard Blumenthal, D-Conn., said a new version of the gun bill would most likely enhance prosecutions of those who violate existing gun laws and further clarify that new legislation would not and could not lead to a national database of guns or gun ownership.

Other Democrats said the defeated background check measure, written by Sens. Joe Manchin III, D-W.Va., and Patrick J. Toomey, R-Pa., would probably be amended to exempt more rural sales and person-to-person sales from mandatory checks.

"We have to give them a credible and commendable way to change their votes," Blumenthal said of a handful of senators who could be persuaded, starting with Begich and Ayotte. Such modifications do not have to weaken the bill substantially, he

Americans remain broadly supportive of legislation that expands background checks on gun purchases but are growing skeptical that such a bill will pass. A New York Times/CBS News poll released this month found that 69 percent support passage of a measure to expand such checks, but 56 percent say that significant change to gun policy is not likely this year.

—Jonathan Weisman, The New York Times



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#### **LETTERS TO THE EDITOR**

### Ed Snowden: A quintessential hacker

There aren't many people to look up to in the public eye nowadays, but Edward Snowden is one. The 29-year-old former analyst is responsible for leaking details of the NSA's massive citizen surveillance programs, including PRISM, a secret program collecting masses of personal data from all channels of digital communication. Snowden did not wait to be discovered, but instead revealed himself in a thoughtful and inspiring video interview with *The Guardian*.

Individuals like Snowden, Bradley Manning, and Daniel Ellsberg (of the Pentagon papers) help the U.S. look in the mirror. The video of journalists and children gunned down callously in Iraq is the mirror. So is the PRISM program. We have to protect those who put the mirror in front of us, and not let the government reward the honest actions of these civilians with a lifetime of humiliations, imprisonment, and terror. If there's even a bone

of regard for constitutional law left in the Obama administration, the correct action would be to award Snowden the National Medal of Freedom, rather than chase him into solitary confinement in subhumane conditions, a la Manning.

The MIT community is uniquely positioned to play a special role in this case, and others like it. The long-standing — but potentially fading — hacker culture of MIT, former home of Daniel Ellsberg, stands for individual freedom and privacy. Snowden is the quintessential hacker, refusing to give in to an unjust status quo, and using technical prowess restore the government's accountability to the people by placing these documents in the public domain. The technically savvy community needs no explanation of the unbounded scope and perils of deregulated digital surveillance. It likewise needs no reminder of the potential for gathering public support for decent causes through the web, and this power must be harnessed to protect people like Snowden.

The unfortunate but realistic reaction in our "post-privacy" age is that these materials would be shrugged off with indifference. People already happily unload their lives onto venues like Facebook with no regard for privacy, and some might accept the premise that if the government were to look through their stuff, well, "it's only" private emails, chats, photos, etc. The old "I got nothing to hide" argument gravely underestimates the potential of government surveillance to skew reality to imply wrongdoing. As Snowden points out, one only has to fall under suspicion to be monitored and potentially painted as a criminal. Accepting this would mean having total faith in the government's collection and handling of private data. But we ought to trust the government even less for engaging in unethical activity behind our backs, rather than entrusting that whatever information they might come by, can be handled responsibly.

We need not worry about history. As the recent *Guardian* editorial points out, history will fall on the side of Snowden. But we have to fight to make sure his life and the lives of others like him are not turned into hell in the meantime, by standing up against oppressive and invasive government surveillance. MIT is a fine place to do so.

Yarden Katz G

### Tilting at windmills

### Edward Snowden is Don Quixote, not Daniel Ellsberg

By Keith Yost STAFF COLUMNIST

As Washington Post staff listened to the fantastical stories being woven by Edward Snowden, our leaker du jour, I can't help but wonder why they didn't greet his tales with a healthy dose of skepticism. Surely the memory of Bradley Manning, the private who cried wolf, couldn't have been distant in their minds. For all the grand claims of U.S. malfeasance that Manning made, when his stolen database of secret diplomatic cables was finally out for all to see, there was very little that appeared out of the ordinary. Now the confused youth sits in a maximum security prison, discredited among all but a few small groups that still misguidedly regard him as a cause

Maybe WashPo was caught up in the scandal-mania that has characterized President Obama's second term. Maybe journalistic competition pressured them to attempt an out-crazying of Glenn Greenwald, The Guardian's resident paranoiac. Whatever the circumstances, they're regretting their decision to rush Snowden's claims to the newsstand and are already backtracking on key points.

Snowden's boasts strain credulity — he asserts that he could wiretap anyone, from federal judges to the president himself, that the NSA can "quite literally can watch your ideas form as you type," and that several tech giants, including Google, Microsoft, and Facebook have knowingly given the NSA direct access to their servers where, seemingly at a whim, even low level NSA agents and contractors can read through a citizen's email or listen in on their chats.

Of the two NSA programs that Snowden has outed to back up his allegations, one can be taken at face value. The NSA is most certainly in the business of collecting telephone metadata, i.e. what numbers called what numbers when and for how long (though not the names of the callers or the content of what was said). But the NSA's collection of metadata is neither illegal, unexpected, or (depending on your point of view) objectionable. It is authorized by FISA court orders, and those court orders stem from straightforward interpretations of long-standing legal precedent a la *Smith* v. Maryland (1979). In layman's terms, the police need a warrant to listen in on your phone calls. They don't need a warrant to observe you walking into a telephone

### I can't help but wonder why they didn't greet his tales with a healthy dose of skepticism.

The other NSA program, PRISM, has been greatly exaggerated, and after the hyperbole is stripped away, it is not nearly enough to support Snowden's contentions. Snowden claims it is a massive NSA dragnet that captures and reads all of the email, chat, and other services provided by America's largest web companies. But his story does not check out.

The first red flag is the program's price tag, a measly \$20 million dollars per year. \$20 million dollars is what Google pays for maybe two or three weeks of electricity. It's orders of magnitude below any rational

estimate of what it would cost to trawl the internet communications of a nation.

The second red flag is the flat, unequivocal denials from the web companies listed by Snowden. One could presume they were lying to protect their bottom line, but what then would be the motive for Drop-Box, who, according to Snowden's powerpoint slides, is not currently participating but merely being approached by the NSA to join? Surely their bottom line would be improved by coming forward and telling their customers that they bravely fought, like David versus Goliath, against an oppressive surveillance state. Did WashPo assume everyone was lying to them when they contacted Google et al. for their responses to the story? Or were they so rushed in getting things to print that they didn't even take a couple hours to get the companies' reactions on the record?

If the web companies are not "knowingly participating," as WashPo wrote (and later quietly deleted), then the "PRISMas-a-massive-surveillance-tool" has a third red flag: significant technical challenges. A great deal of the communications supposedly intercepted by PRISM are encrypted. In basic terms: Google generates a set of ciphers, one for me, and another for the person I am sending my email to. My computer encrypts my message with my cipher, Google receives it, decrypts it, and then re-encrypts it with the cipher that the email's recipient uses before sending it back out again. When I send an email through Gmail, only me, Google, and the person I'm emailing get to see the unencrypted content. Anyone

**Yost,** Page 5

#### **CORRECTIONS**

An article in last Friday's issue of *The Tech* on MIT's highest compensated employees previously had an incorrect headline. Susan Hockfield was not the highest compensated individual at MIT in 2010. She was the highest compensated only for 2011, receiving \$1,199,877. In 2010, Seth Alexander was the highest compensated, receiving \$1,316,463 compared to Hockfield's second-place \$1,006,969.

#### **OPINION POLICY**

**Editorials** are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Chairman Sarah Ritter, Editor in Chief Anne Cai, Managing Editor Ian M. Gorodisher, Executive Editor Deborah Chen, and Opinion Editor Jacob London.

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

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#### Yost, from Page 4

snooping in that didn't have access to Google's servers after the decryption had taken place would get a bunch of gobbledy gook. The only way the NSA could get around this would be either by finding a way to intercept the traffic and then break the encryption (an impossible task that will become even more impossible once Google switches to 2048-bit RSA keys in a few months time), or by planting powerful moles in the U.S's major web companies (very unlikely, especially when there is no mention of such a mole network in Snowden's leaked documents).

The final nail in the coffin for Snowden's case is the NSA fact sheet that was released

in response to the leaks and how well it comports with what we know about the program. Unlike Snowden's, the NSA's story fits. PRISM is an internal database. The formation collected through the normal and appropriate FISA channels. In other words, PRISM is not a new and highly intrusive surveillance program, but merely a centralized

### Were they so rushed in getting things to print that they didn't even take a couple hours to get the companies' reactions on the record?

extent of its information collecting abilities (if they exist) is to automatically refresh the information obtained through legal FISA court orders targeted against specific noncitizens, and only if those court orders allow ongoing surveillance. It primarily serves as a hub through which U.S. authorities and foreign intelligence partners can access in-

repository of information obtained through congressionally and judicially approved channels, with all of the appropriate oversight, restraint, and safeguards.

Despite these red flags, some would have us believe Snowden's story over the NSA's, simply because they want to trust a whistleblower more than the government. "What reason would he have for lying?" they ask. The answer is simple: narcissism. His cringeworthy interview with Glenn Greenwald tells it all. He wants to be the heroic martyr, the reluctant hero who would have lived his life in peace and quiet were it not for all the monsters he had a moral duty to slay.

As a 20-something former consultant who did work he found morally objectionable and later wrote about it, I empathize with Snowden. I applaud the notion that moral obligations come before obligations to an employer. But there is a difference between a Daniel Ellsberg and a Don Quixote. When history remembers Edward Snowden, it won't be as a shining white knight — just as a poor little fellow who imagined he was one.





#### DormCon, from Page 1

be enough space should all invited members have decided to attend. When asked for specifics about the cost of the retreat, Mugica deferred to newly-elected DormCon President Eli H. Ross '14, who said he did not know the figure, which was planned and budgeted for before he entered office. According to Endicott house's student rates, the per-person charges amount to \$5,530.

DormCon has decided not to

return to Endicott House, and its executive members have agreed to explore less expensive options for future retreats. "There is a general consensus ... that any future retreats will be on campus and at minimal cost. We want to put as much money as possible into interdorm and dorm-hosted events, which we believe are great ways to enhance campus life," Ross said, adding that a revamped DormCon website will feature a line-item budget

—Laura E. Forte

## Bexlians plan to keep community

### Administration is working to provide space in Walker Memorial

Bexley, from Page 1

of Bexley's closure, residents elected seven representatives to advocate on their behalf. (As of publication time, none of the representatives have responded to *The Tech.*) According to Getz, "students have to live together in another dorm or in off-campus housing with ILG status. The administration and students are working to provide Bexley residents with a communal gathering space on campus. Current plans include a lounge area with key card access in Walker Memorial, a build-

## Nolan said that because of the vandalism, no extensions or exceptions would be granted to the senior move-out deadline at noon on June 8.

been very proactive about meeting with the administration and voicing their concerns." These concerns include the fate of their tight-knit community as residents are dispersed across campus and the surrounding area.

Bexley "was the first place at MIT that I have lived that felt like home," Getz said.

Some students have compiled group housing proposals, hoping

ing commonly used for student activities and exams. According to Dean of Student Life Chris Colombo, Bexley residents, their housemaster Bob Randolph, and several staff of the Division of Student Life will meet next week to discuss the usage of the planned Walker lounge. However, as of press time he has not responded to questions concerning group housing proposals by Bexley residents.

## Class size similar to last year's, but with a record-high yield

### No one accepted off the waitlist for a second year

Yield, from Page 1

saw 82 percent of its 2,029 accepted applicants take up its offer, up from 80 percent the year before. Princeton saw its yield rise from 65 percent to 67 percent for the Class of 2017. In California, Caltech's yield rose from 41 percent to 43 percent, and Stanford saw a record 77 percent of accepted students enroll, up from 73 percent for its Class of 2016.

With MIT's Class of 2017 roughly the same size as the Class of 2016, no students will be taken from off waitlist for the second year in a row. Schmill expressed that he was disappointed that no one would be admitted from the

waitlist: "There were so many great students on that list and we were hoping to be able to admit some

'There were so many great students on that list and we were hoping to admit some of them.'

> —Stu Schmill DEAN OF ADMISSIONS

of them." For the Class of 2018, Schmill says that the admissions office is "pretty sure" that they will be more conservative. However, many others factors will still influence the number of students admitted in the next cycle, according to Schmill

In terms of demographics, the Class of 2017 is 45 percent women, 22 percent underrepresented minorities (African American, Hispanic, or Native America), 16 percent first-generation college students, and 8 percent international. They come from 48 of the 50 states and are citizens of 52 countries. These demographics are fairly representative of the admitted students pool, of which 48 percent were women, 24 percent underrepresented minorities, 16 percent first-generation, and 8 percent international.

### MIT Corporation elects 12 term members, 5 life members

The MIT Corporation elected 12 term members and five life members during its quarterly meeting on June 6, according to an MIT press release. Entrusted with seeing that MIT carries out its mission, the Corporation approves annual budgets and degrees, elects and advises the president, and forms committees to look into the Institute's long-term concerns.

The elected members are:

- Bruce N. Anderson '69, March '73 (five years), co-founder and CEO of Wilson Solarpower Corp.
- Ursula M. Burns (five years), Chairman and CEO of Xerox Corp.
- Patricia R. Callahan '75, SM '77 (five years), Senior Executive Vice President and Chief Administra-
- tive Officer at Wells Fargo & Co.

  R. Erich Caulfield SM '01, PhD '06 (five years), White House Strong Cities, Strong Communities
- David L. desJardins '83 (five years), investor, former engineer at Google
- Abigail P. Johnson (five years), President of Fidelity Financial Services

- Paul M. Kominers '12 (five years), Research Director at TurboVote
- Neil E. Rasmussen '76, SM '80 (five years), Senior Vice President at Innovation at Schneider Electric
- Alan G. Spoon '73, SM '73 (five years), General Partner at Polaris Partners, LLC
- Vanu G. Bose '87, SM '94, PhD '99 (three years), CEO of Vanu, Inc.
- Viktor F. Vekselberg (two years), Chairman of Renova Group and President of the Skolkovo Foundation
- Alan M. Leventhal (one year), Chairman and CEO of Beacon Capital Partners
- Lawrence K. Fish (life), former Chairman and CEO of Citizens Financial Group, Inc.
  Diane B. Greene SM '78 (life), founder and for-
- mer CEO of VMware

   Charlene C. Kabcenell '79 (life), former Vice
- President at Oracle Corp.

  Pobort R. Millard '73 (life), Managing Partner at
- Robert B. Millard '73 (life), Managing Partner at Realm Partners, LLC
- Henri A. Termeer (life), former Chairman, President, and CEO of Genzyme Corp.

### Congratulations, 2013 graduates!

### Graduation to do's:

- Cap and gown
- Cardboard boxes
- Packing tape
- □ Health insurance?

If you're a member of the class of 2013, your enrollment in the Student Extended MIT Health Plan ends on **August 31, 2013**.

To continue with a Blue Cross Blue Shield plan or a Massachusetts Health Connector plan, you **MUST** apply by **July 15, 2013**.



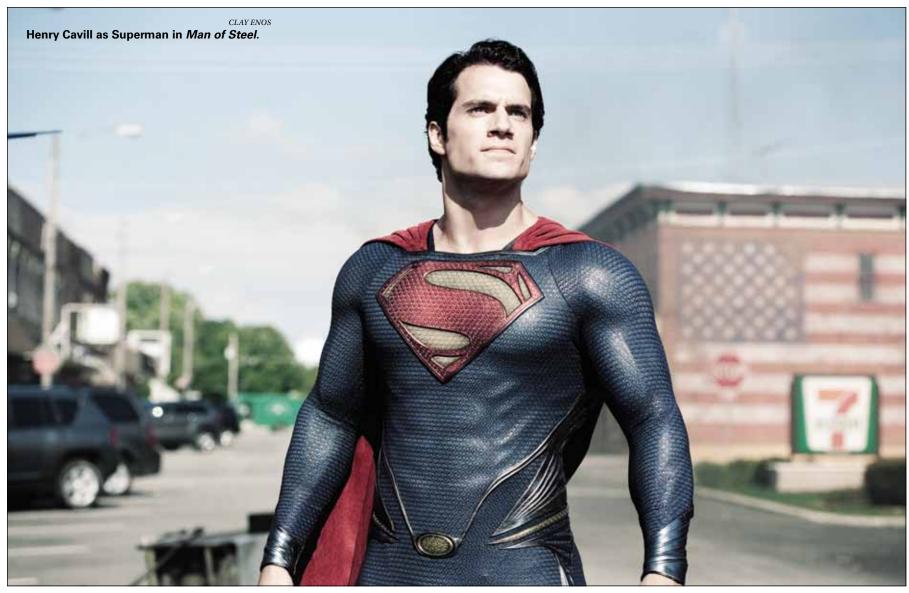
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Know something important we should write about?

(We probably don't know about it.)

Let us know.

news@tech.mit.edu



**MOVIE REVIEW** 

### Superman: the man, the hero — and the genre

Steel yourself for a retelling of the familiar story

By Roberto Perez-Franco STAFF WRITER

Man of Steel is a Superman movie. I don't mean just with regards to its subject, but as a definition of the genre. And, even though it is a good movie, the self-imposed constraints it followed to fall square within that genre make it a good-enough movie, when it could have been - or at least I was hoping it would be — a great movie. The plot of the movie suffices to keep it afloat, although I do think the citywrecking fighting went on for too long. The special effects are well-executed, even if the shaky-camera trick may have been overused.

The familiar story of Kal-El is told using effective narrative resources: his birth and its circumstances serve to open the movie and establishes the anchoring points for the rest of the story. Then we are brought to the present, where an adult Clark Kent is trying to figure out his place in the world. Flashbacks are used to give us glimpses of his childhood in Kansas and his youth as a wandering Samaritan. When Clark finally discovers his true nature and origins, he

**★★★☆☆** 

#### Man of Steel

**Directed by Zack Snyder** 

Starring Henry Cavill, Amy Adams, and Michael **Shannon** 

Rated PG-13

Now Playing

inadvertently starts a chain of events that will bring him face to face with his father's killer, and the threat of annihilation for everything he has come to love: a girl, the human race, and the whole planet.

The movie showcases a fantastic cast: a buffed Henry Cavill makes for a handsome and compelling Superman, who manages to be as serene as a zen master in his quest for self-discovery, and then as fierce as a gladiator when facing his enemies; the lovely Amy Adams renders a smart and



Jor-El (Russell Crowe) and Lara Lor-Van (Ayelet Zurer) with the infant Kal-El (Superman).

courageous Lois Lane; and Russell Crowe gives life to a strong and wise Jor-El, who continues to guide his son even after his own death. The antagonists are also very well cast: Michael Shannon incarnates with aplomb and nuance a disgruntled and bellicose General Zod, who leads the attack on Earth to rescue his own race. Yet

the character that stole my heart was Zod's smoking-hot sidekick, Faora-Ul (played by the breathtaking Antje Traue), who displays more superpowers in her fighting skills than any other character on the screen, bar none.

Many worn-out or absurd features of the first big-screen Superman were removed from this movie to good avail: John William's fanfare is gone, the red Speedo is nowhere to be seen, and there is no reference to kryptonite. Others remained, to my chagrin: the S in the chest, reinvented as the "El" family crest and/or a symbol for "hope," was as ubiquitous as it was unavoidable, and Clark's glasses remain miraculous in hiding his identity as Superman as soon as he puts them on to go work at the Daily Planet. Some other features of Superman do get a nice overhaul and work very nicely: his X-ray vision is very convincing, as are his Cyclops-like eye-rays. His ballistic takeoff and supersonic flying abilities are astounding.

The movie loses a few points with me due to an overt reference to Superman as a savior of humanity with a stained-glass of Jesus Christ in the background, and also due to a totally gratuitous and unwarranted jab at evolution. It seems to me that this movie was made to cater for the taste of God-fearin' 'muricans more than any other audience. These few complaints notwithstanding, it is as good a reboot of Superman as we are likely to see any time soon, because — as this movie has made evident — the scope of the genre is rather narrow, especially when the creatives play it safe and restrict themselves to the limits of what they know we have learned to love.



Nine-year-old Clark Kent (Cooper Timberline) in Man of Steel.

8 THE TECH Тне Тесн 9 FRIDAY, JUNE 14, 2013









## THE 147TH COMMENCEMENT



MIT's 147th Commencement was on Friday, June 7. Over 2,600 students graduated, receiving over 3,300

- 1. Chiquita White '85, President of the MIT Alumni Association, led the procession into Killian Court
- holding the ceremonial mace.

  2. Drew Houston '05, founder of Dropbox and youngest Commencement speaker in at least 30 years, delivers the keynote address.
- A graduate excitedly leaves the Commencement podium after receiving her diploma.

  President Reif hands out diplomas to graduates.
- During the ceremony, graduates turn their class rings around as a part of MIT tradition.

  Graduates line up during the Commencement
- ceremony.

  The MIT Police Honor Guard marches into Killian Court carrying the American, Massachusetts, and MIT flags to the stage.

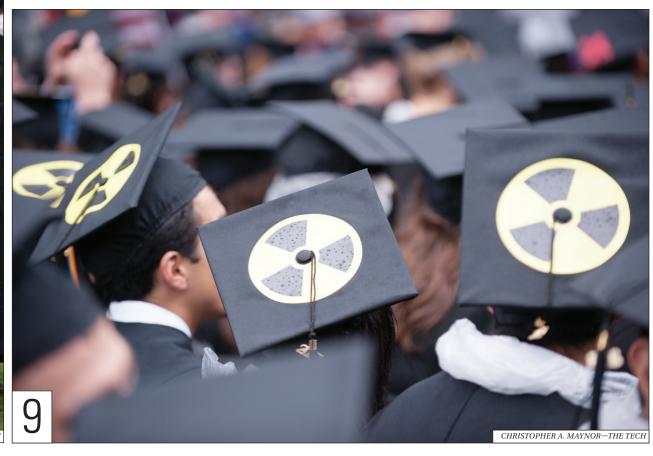
  Graduates walk to their seats in Killian Court.

  Some graduates decorated their caps.









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#### MOVIE REVIEW



Wedding crashers Owen Wilson and Vince Vaughn team up again in Shawn Levy's feel-good buddy flick about two underdogs with no technical skills who talk their way into a summer internship program at Google and show that spirit can overcome even the most difficult of projects. Nick (Wilson) and Billy (Vaughn) are watch salesmen who lose their jobs and face a bleak future in which their sales Billy somehow lands them an interview for internships at Google, The committee decides that hiring two charismatic guys with "life experience" who humorously BS-ed their way out of actually answering the interview question represents a nod to diversity at a company where everyone else is too predictably educated.

The real star of this film is Google. The audience hears what the interns hear about Google's quest to make the world a better place. And a plethora of Google products are name-checked, from the search engine with autocomplete, with which Billy first looks for job listings, to the suite of products showcased by the team of plucky interns selling advertising tools to a local pizzeria. The GooglePlex is a theme-park wonderland with free food, a giant slide, self-driving cars, and other amenities that Google does offer in reality. If you have a crush on Google, this movie is for you, and you will love the closing credits made by the Google Creative Lab that mimic a Google commercial.

The structure of the internship program is a glaring but forgivable departure from reality. Teams of five must compete in several challenges, and the winning team is guaranteed full-time employment. The challenges are for the most part relevant to software development, such as finding a bug in two million lines of code or developing an app. But other than having the interns banter with some jargon, no actual software development is shown. Although Larry Page claimed that Google became involved with the film because computer science has a marketing problem, it's hard to imagine this film making anyone excited about computer science or software development. This film is about software development in the way Office Space is: it just takes a rosier view. It can be regarded as a buddy comedy that just needed a convenient scaffold, which comes painted in Google's blue, red, yellow and green.

There are several scenes of laugh-outloud comedy, including the interview on Google Hangout, Billy's pitch for an Insta**★★★☆☆** 

#### The Internship

**Directed by Shawn Levy** 

Starring Owen Wilson and Vince Vaughn

Rated PG-13

**Now Playing** 

gram clone, and any scene with the summer internship program coordinator Dr. Chetty (a fantastic performance by Aasif Mandvi) in it. However, this film falls flat when it tries to tell a tale of turning a group of kids who were picked last into a real team that beats the odds. Sometimes the only way to know that Billy is inspiring his teammates rather than making an inane allusion to 80's pop culture is that the background music changes. The Internship is not The Big Bang Theory, but viewers might nevertheless roll their eyes at several geek stereotypes, like the overachieving Asian intern and his "tiger mother." Naturally, Billy and Nick must step in to show these nerds how to loosen up, have fun and think outside the box by bringing them to a strip club, with predictable results. In the end, Billy and Nick impart lessons about life to the young people, the team that shows the most "Googliness" triumphs, and we've all learned a little bit more about the products offered by Google.

COURTESY OF FOX SEARCHLIGHT

### **MOVIE REVIEW**

### **Cult espionage**

Eco-terrorism and the evils of capitalism

By Roberto Perez-Franco

STAFF WRITER

The East is a movie for our times. It grounds its narrative in the complexity of the two ubiquitous evils of our capitalist societies. The first is negative externalities — power companies make more money if they skimp on environmental measures, thus polluting the water you have to drink. The other is moral hazards — a pharmaceutical company downplays the side effects of a drug in order to boost its sales.

The East picks its characters from two opposing flanks: the lines of those that run the system (corporations, government) and the lines of those that distrust it to the point of deciding to fight it. The film's plot presents us with questions about personal choices, collective responsibilities, and the balancing of means and ends. It is an intellectual thriller with plenty of food for thought relevant to the present.

The movie starts with an interesting premise: Sarah (played by Brit Marling) is a fast-rising operative in a company that specializes in protecting other firms' names and reputations. Sarah's newest assignment is to infiltrate an extremist eco-terrorist group called "The East," with the objective of detecting threats they may pose to cus tomers of her company, and neutralizing these

Through an elaborate sequence of events, Sarah effectively infiltrates The East and is welcomed as one of its members. The deeper she goes undercover, the more she learns about the group's true nature, which borders on cultlike, and the more dangerous the situation becomes for her. She becomes involved in the group's daily life and some of its operations, and that is when things begin to get complicated.

The movie features an interesting cast, with Alexander Skarsgård as a very convincing quasimessianic leader of the terrorist cell, and a solid Ellen Page as one of the group's members, with a convoluted past and a personal vendetta on her agenda. There are several memorable moments in the film, including a piano solo that is used to great effect to convey emotion, and a 20-second silence during a moment of extreme confusion, which turns out to be the pivotal moment in the movie, the point of no return for Sarah in her mission into the monster's belly.

The movie is entirely driven by the plot, so I do not want to give anything away, lest I spoil it for you. But I will say that after a well-paced buildup, which includes a few turns that had me saying "I didn't see that coming," there come a sequence of quick plot twists that result in an unexpected



The East

Directed by Zal Batmanglij

Starring Brit Marling, Alexander Skarsgård, and Ellen Page

Rated PG-13

**Now Playing** 

and satisfying conclusion to the story. It is a rather smart movie, which could only have been better if the lead actress, Marling, had better portrayed the internal tensions that her character was undergoing. The same deadpan expression that helps her in the first half of the movie works against her in the second half.

But it is worth your time. It will get you thinking about important things. And that's what counts.



Alexander Skarsgård as Benji in The East.

Britt Marling and Ellen Page in The East.

ARTS ARTS ARTS ARTS A

FRIDAY, JUNE 14, 2013 THE TECH 11

**ALBUM REVIEW** 

### Summer sounds of Danish electronic soul

Quadron's sophomore album reaches out to mainstream audience



Album cover art of Avalanche.

**By Denis Bozic** STAFF WRITER

This year ought to be a milestone for Robin Hannibal. Just earlier this year, he and Mike Milosh released a spectacularly sensual album Woman under the artistic moniker Rhye, which swept the critics and the fans off of their feet. Now, only a few months later, he reunites with Coco O, the second half of his well-established musical project Quadron, to release their sophomore album Avalanche and set the ground for this summer's music scene.

While Rhye immediately caught the

mainstream public's eye and received deserved praise, Quadron remained somewhat concealed after the release of their eponymous debut album. Released in 2009. Quadron was a breath of fresh air for the music industry — with Coco O's soulful vocals and Hannibal's unprecedented production skills, the 12 pop-flavored electronic soul tracks from that album possessed everything that most contemporary one-time hit songs lack: playfulness, originality, clever lyrics and memorable, sophisticated melodies. However, Quadron did receive enough attention to accumulate a fan base, and their album made a highly overlooked and underrated entrance to the music scene.

### 'LFT' and 'Favorite Star, jazz-inspired tracks, should become necessities on every small-party playlist.

Fortunately, their sophomore album Avalanche brings the duo back with a boom. The 10 new tracks exhibit slightly different productions, which seem to be more mainstream-oriented and less experimental than those present on Quadron. This is most obvious on the track "Hey

Love," a pop single that's rhythmically very definitive and easily comparable to the catchy singles of similar present soul divas, like Duffy and Adele. This single (and its lovable music video) will probably be the key to Quadron's future major breakthrough, but it might overshadow some of the divine slower-dance jams on Avalanche. Some of them are "LFT" and "Favorite Star," the two upbeat jazz-inspired tracks that should become necessities on every small-party music list.

### Hannibal and Coco O deserve to have their modest and charming talents recognized by the mainstream public.

The second half of the album goes back to the basics and revives some of the Quadron's older tunes. The spiraling narratives "Befriend" and "Crush" expose Quadron's trademark musical warmth and vocal vulnerability, while "Neverland" manages to retrieve the most of old Quadron by reinstating the gradients of hypnotizing multilayered vocals, fusions of lull and energizing beats, all bolstered by heartbreaking brass tunes. "Better Off," a collaboration with the rapper Kendrick Lamar, is an \*\*\*\*

**Avalanche** 

Quadron

Vested in Culture/Epic Records

Released June 4, 2013

ambitious and overall quite successful attempt at enriching Quadron's heavily soul-centered style with other genres, which shows that the duo still has a lot of potential under the ground waiting to be released.

Avalanche will hopefully be the topchart luster in Quadron's career, because Hannibal and Coco O deserve to have their modest and charming talents recognized by the mainstream public. Yeah, any Quadron fan would feel more special if they remained the understated, undergroundruling gems of Denmark, but with all the Ke\$has and Rihannas constantly lingering on MTV's Top 20, the mainstream needs to know that there are still high-quality music

Highlight tracks: "LFT," "Favorite Star." "Hey Love," "Neverland," "Better Off (feat. Kendrick Lamar)"

**MOVIE REVIEW** 

### A poignant tale of unsettling compromises

The latest sequel of the Befores frightens and inspires

By Denis Bozic STAFF WRITER

One afternoon during last fall, I came back from class exhausted and frustrated by the never-ending amount of studying and homework waiting for me. I decided to relax and watch a movie that would require minimum mental attachment, which for some reason always helps to clear my mind. I remembered my friend telling me to watch some romantic movie from the 90s called Before Sunrise. I wasn't very picky at that moment, so I found the movie, made some mood-elevating dinner and sat down for a session of good old

I turned off the movie after the first 40 minutes. The acting was amazing, the dialogues were phenomenal and the story was amazingly realistic, yet somehow surreal. In other words, the movie was too good and it required my full attention, but at that moment I needed a predictable storyline, a typical Hollywood overhyped production scoring below 30 percent on Rotten Tomatoes. So, I gave up and sadly

never watched it again. When I learned that the movie had turned into an informally-acclaimed franchise, whose newest sequel, Before Midnight, was opening this summer, I realized that this was a perfect opportunity for me to redeem myself for my earlier lack of engagement.

their first and second encounter, during which Jesse marries another woman and starts a family. Before Midnight takes place in Greece, where Jesse and Celine are on a vacation with their two little girls. Celine is having issues with the choice of her new career and Jesse is struggling to live away

### The constantly-present moments of unpolished humor and sincere outbursts of love bring the movie even closer to our surrounding reality, in which all of these rehearsed dialogues and scenes have always existed.

I guess it goes without saying that you shouldn't repeat my mistake and see this movie without watching it predecessors -Before Sunrise and Before Sunset, If you decide to see only this part after all, here is the trilogy in a nutshell: Jesse (Ethan Hawke) meets Celine (Julie Delpy) on a train ride and they share their life stories in just one night because they think they will never see each other again. They eventually do end up together and even have kids, but there is a huge time gap between

from Hank, the teenage son from his previous marriage, who is living in the U.S.

Sounds cheesy? It does, except that it, in reality, it isn't. Before Midnight defies the concept of a typical romantic movie because it highlights some of the best and worst features of being in a relationship. It shows that love can be eternal, but that it doesn't necessarily have to appear so. It brings out the truth that most of us don't want to accept - that love and relationships often give rise to compromises,

**★★★☆ Before Midnight Directed by Richard Linklater** Starring Ethan Hawke and Julie Delpy Rated R

**Now Playing** 

which don't always protect what's in our best interest. The static, unembellished scenes of the movie, raw and earnest dialogues, and unbelievably realistic characters amplify all of these ideas; they almost eerily follow you throughout the entire experience and break the illusion of a directed, fictional movie. The constantly present moments of unpolished humor and sincere outbursts of love bring the movie even closer to the dimension of our surrounding reality, in which all of these rehearsed dialogues and scenes have always existed. And, when the moments of heartbreaking reality are replaced by the serene scenes of laughter, friendly conversations and bright-spirited outlooks on life, the movie pulsates with inspiration. Love, all of a sudden, seems like an escape to a place where fights seem irrelevant, and where any fickleness is simply another reason to feel the butterflies all over again.

The movie fails only towards the end of the story, when the two main characters begin to resemble forced Hollywood characters. During their climactic fight, Celine's borderline psychotic behavior and Jessie's overly cynical and nonchalant demeanor drastically contrast with the brilliantly developed and believable traits of their characters in earlier parts of the movie; their behaviors seem unnecessarily exaggerated. But, that's a somewhat uncontrollable feature that comes from the script, not from Hawke or Delpy, who have undoubtedly shown commendable acting skills.

Regardless of what your movie genre preference is, Before Midnight is a movie to see. It is both entertaining and emotionally tiring; you might never want to see it again or you might incessantly obsess over every line in the movie, but you will surely remember it.



Jesse (Ethan Hawke) and Celine (Julie Delpy) in Before Midnight.

12 THE TECH FRIDAY, JUNE 14, 2013

### Sudoku

Solution, page 14

9		4						
9 8 3							9	4
3	7				6	1		<b>8</b>
	4		1		8			9
	8			5			4	
2			7		4		1	
7		3	2				8	1
4	1							<b>2 3</b>
						7		3

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

### **Techdoku**

Solution, page 14

9×		160×			4–
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	30X			2×	
24×			5		3
2-		30×		20×	
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	4		18×	6÷	
5×			l	12×	
	: : :				
	! ! !				

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.

### Sumodoku

Solution, page 14

56×	280×	 	1 1 1	!	2-	 	15×	11+
	7	<del> </del>	23+	1		15+	<b>-</b>	
	3+	9+	<b>-</b>	84×		<b>-</b>	360×	
24×	<b>-</b>		<mark>32</mark> ×	<u> </u>	21×	<u> </u>		6
	54×		<b>-</b>	2	<b>-</b>	1-		1
400×		!	<u> </u>	32+	<u> </u>	<u> </u>	17+	<u> </u>
3÷		16+	<del> </del>		<del> </del>	6×	<b>-</b>	
	4	-	25+			<b>-</b>	16×	
54×		_	2	<del>-</del>		<u> </u>		
	 					 	 	! !

### Fashion IQ by Fred Jackson III

Solution, page 14

#### **ACROSS**

- 1 Careless
- 4 Gets rid of
- 9 Barely enough
- 14 Recipe phrase
- 15 Brown shade
- 16 One of the Honeymooners Kramdens
- 17 Essence of a knock-knock joke
- 18 Tough tests
- 19 Office machine giant
- 20 Dapper one
- 23 Like some letters
- 24 Disapproving sounds
- 28 Painter Cézanne
- 29 Move emotionally
- 32 \_\_-in (sure victor) 33 School support grp.
- 36 Tusked critter
- 38 "\_\_ how!"
- 39 Snazzy threads
- 42 Tribulation
- 44 Crime buster, informally
- 45 Say further

- 46 Night fliers
- 48 Commands respect
- 50 Nonchalance
- 54 Out for a bit
- 56 Expensive spreads
- 59 Feature of spring fashions
- 62 Aspect
- 65 In again, after being out
- 66 Largest US union
- 67 Big name in rock history
- 68 G sharp's equivalent 69 Indefinite number
- 70 Spicy
- 71 Apple attachments
- 72 French article

#### **DOWN**

- 1 Eagerly accepts
- 2 Bryn Mawr graduate
- 3 Paradise
- 4 Cartoonist Adams
- 5 Throng
- 6 Virtual greetings 7 Distribute sparingly, with

"out"

- 8 Insolence
- 9 Jazz instruments
- 10 Paper processors
- 11 Auto option, for short
- 12 Barracks VIP
- 13 Cowboy nickname
- 21 One of the Honeymooners Kramdens
- 22 Geological layers
- 25 "Fancy !"
- 26 Cain, first of all
- 27 Put on the canvas
- 30 Beef cut
- 31 Debt acknowledgment
- 34 Kids' game
- 35 Italian designer
- 37 Rural cable channel 39 Get out of the market
- 40 Ferret's foot
- 41 Best-case
- 42 Wine and dine 43 Rent alternative
- 47 "Amen!"
- 49 Come to an agreement
- 51 Musically discordant
- 16 18 19 20 23 28 33 34 35 36 42 43 50 51 52 53 46 60 |61 62 63 64 68 69
- 52 Unperturbed
- 53 Opinion pieces
- 55 Culturally pretentious
- 57 "Get outta here!" 58 Traffic noise
- 60 Pâté de foie \_\_ 61 Great weight
- 62 Turkey topper, traditionally
- 63 Draught choice
- 64 Walgreens rival





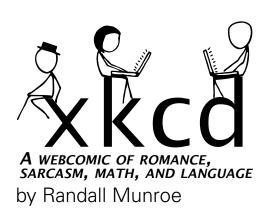




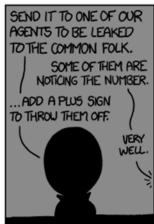


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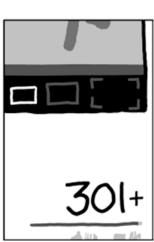
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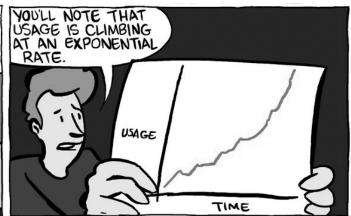


that it pauses at 301+ for a while? Why don't we just forge the number entirel-' ::BLAM:: 'The Council of 299 is adjourned.' And hypnotize someone into thinking they've uploaded it and passed it around. But then won't the uploader get suspicious











### New DUE brings experience

### MacVicar Fellow, undergraduate officer, and teacher, Freeman is used to working with students

DUE, from Page 1

tional model, and with "colleagues in DUE and across the Institute to improve student advising."

A MacVicar Faculty Fellow since 2006, Freeman has had extensive experience with undergraduate education at MIT. He has previously served as the Course 6 undergraduate officer and chaired the Committee on the Undergraduate Program (CUP), as well as serving on a number of other educational committees.

"His contributions to the educational mission of EECS have been substantial," wrote search committee member Collin M. Stultz, Associate Professor of Health Sciences and Technology, in an email to The Tech. "He cares deeply about undergraduate education, and I am confident that he will make long-lasting and significant contributions to the overall mission of MIT."

### Having taught 6.01, Freeman is optimistic about making MITx beneficial to oncampus education.

"He really impressed us with his ideas about the challenges and opportunities that we face in [undergraduate] education," wrote Stephen C. Graves, Professor of Management Science, also on the search committee, to The Tech. "And he has a truly wonderful interpersonal style that will work effectively with all of the constituencies of the DUE office."

#### Student advisory groups

Over the years, Freeman has found that getting "continuous input from student advisory groups" has been "very effective in Course 6." As an example, he cites the Super UROP program, in which students commit to a full year of research with their chosen lab or group, as well as two semesters of the six-unit 6.UAR (Preparation for Undergraduate Research) class, which focuses on choosing and developing a research subject, industry best practices, and presentation skills, among other topics.

'UROP is one of the best things that we do," said Freeman. To further channel that success, Freeman and Anantha P. Chandrakasan, Professor of Electrical Engineering and Course 6 department head, spent almost a year developing the Super UROP, which launched in Fall 2012.

That process showed him the importance of getting student input. Their initial idea for the program was rooted in academia — "People would come out of [the program] having written a paper. That appealed to us, because that's what we did" — but when they brought the idea to a student advisory group, the focus changed to something "more attuned to what the students saw to be an attractive outcome."

'The students were much more interested in things that would be good to show on their resume, make them more attractive to Google or whoever they were trying to be hired by," said Freeman. "So we adjusted the goal. It became more project-based."

In that vein, Freeman plans to begin addressing future changes by simply talking to students and faculty members.

#### Residential education

With MIT's role in the rapidly growing sphere of Massive Open Online Courses (MOOCs), two concerns have been repeatedly brought up on campus: How can MITx benefit residential education, and how will MIT differentiate between these MOOCs and residential education?

"One of my goals — and it's shared by all the upper administration — is to make sure MITx helps the residential students," said Freeman. Although as DUE he will not be leading MITx, he plans to work with Sanjay Sarma, MIT's first director of digital learning, to reach that goal.

Having taught 6.01 (Introduction to EECS I) for many years, Freeman is optimistic about making MITx beneficial to on-campus education. "We've used MITx-like technology [in 6.01] from the beginning," he said. "That was always just a residential component."

Adapting the standard lecture teaching format to directly engage students is something that 6.01 has done for years, and Freeman believes the interactive component of education expands beyond technology to a community of residential students.

For example, this past academic year's Super UROP included a seminar series that brought together all 77 participants. "Rather than being isolated in labs across campus, they got to know each other," said Freeman. "They presented their stuff to each other, they had an automatic audience, they had automatic critics. It generated a sense of community that's enormously helpful."

#### Freeman plans to address future changes by simply beginning with talking to students and the faculty.

Freeman will also be spearheading the implementation of a motion to assign a faculty advisor to every freshman. The motion, passed at the May faculty meeting, is meant to foster greater interaction between the faculty and undergraduates.

"I'm extremely interested in the first few years [of the undergraduate program]. They're the formative years," said Freeman. "In the first year that someone comes here, that's when we have the biggest opportunity to make a favorable impression and to do something good."

And over all of this, there's a larger force driving the scramble to evaluate MIT's educational model: "The biggest challenge [in education] now is anticipating how to keep ahead of the speed at which the world is changing," said Freeman.

Anthony Yu contributed reporting.

### **President Obama** pays Boston visit

Supports Markey's candidacy

By Jim O'Sullivan and Michael Levenson

THE NEW YORK TIMES

President Obama breezed through Boston Wednesday, in town less than three hours to help Democrats fortify U.S Representative Edward J. Markey's campaign for U.S. Senate.

But, first, the leader of the free world needed a burger.

En route to the Reggie Lewis Track and Athletic Center after landing at Logan Airport, Obama stopped in at Charlie's Sandwich Shoppe, the venerated Columbus Avenue eatery. A jacketless Obama, sleeves rolled up, ordered a cheeseburger with lettuce, tomato, mustard, and french fries, to go, and left a \$20 bill on the \$8 tab, said Char-

From there, Obama was off to a Markey rally, where he exhorted Democrats to turn out in the June 25 special election to replace John F. Kerry. Markey is running against Republican nominee Gabriel E. Gomez, a private equity investor and former Navy SEAL.

"I need Ed Markey in the United States Senate," he told the crowd at the Roxbury Crossing facility.

Still spooked by the memory of the 2010 special election when Scott P. Brown won the seat long held by Edward M. Kennedy, Democrats are campaigning vigorously in the final weeks of the Senate campaign. On Saturday, former president Bill Clinton is scheduled to stump for Markey in Worcester.

Markey, sweat beaded on his forehead, worked the crowd after Obama had left the arena Wednesday. The rally marked a pivot point for the campaign as it ramps up its get-out-the-vote effort, Markey told the Globe in a short interview.

"What the president does is he comes in as the guy that frames the final 13 days, so everyone's energy ratchets up to another level," Mar-

A night earlier, at a Washington fund-raiser for Markey, Vice President Joe Biden warned that the 37year congressman will not benefit from presidential tailwinds atop the

"Barack Obama's not at the head of the ticket," Biden said. "And that means those legions of African-Americans and Latinos are not automatically going to come out. No one has energized them like Barack Obama. But he's not on the ticket. So don't take this one for granted."

Gomez spent the day campaigning with soldiers in Chelsea and high-tech workers in Waltham, but the president's visit Wednesday commanded the campaign spotlight.

Gomez invited the president to campaign with him in Chelsea, the latest in a string of attempts to prove he is not a party-line Republican. He later accused Markey of marching in lockstep with Democrats.

"What Washington needs more than ever is not another hyperpartisan politician," said Gomez campaign adviser Lenny Alcivar. "Washington needs a bipartisan problem-solver who's not tied to the old ways of doing business and has the courage to reach across the aisle and work with Democrats to get things done."

Gomez again took an opportunity to break with a national GOP figure by slamming U.S. Representative Trent Franks, who on Wednesday said that "the incidents of rape resulting in pregnancy are very low."

Gomez wasted little time before ripping the Arizona Republican.

"I think that he's a moron and he proves that stupid has no specific political affiliation," Gomez told ABC News. He added, "I have no idea what goes into the mind of a moron like that. These kinds of comments only come from a moron, and they shouldn't be tolerated one bit."

Two polls released Monday showed Gomez within 7 percentage points of Markey, an uncomfortably close margin for many Democrats, but one they hope to build upon with a vote turnout operation that propelled Patrick and U.S. Senator Elizabeth Warren to victory.

Even as the Obama administration grapples with a spate of controversies that have rocked Washington, Markey's campaign has steadfastly maintained that the Senate election stands as a referendum on Obama's presidency.

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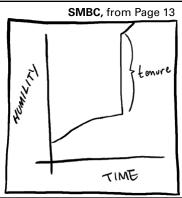
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### Solution to Techdoku

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

**Solution to Sumodoku** 

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

### Solution to Sudoku

from page 12

9	2	4	8	1	5	3	7	6
8	6	1	3	7	2	5	9	4
3	7	5	9	4	6	1	2	8
5	4	7	1	<b>2 5</b>	8	6	3	9
1	8	9	6	5	3	2	4	7
2	3	6	7	9	4	8	1	5
7	5	3	2	6	9	4	8	1
4	1	8	5	3	7	9	6	2
6	9	2	4	8	1	7	5	3

### Solution to Crossword



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FRIDAY, JUNE 14, 2013

THE TECH 15

### **Institute Double Take**



By Greg Steinbrecher

STAFF PHOTOGRAPHER

For a fleeting moment Wednesday afternoon, two rainbows emerged over Boston, pulling the landscape out of the dreary pallor that has characterized the past week. All over campus, work stopped as people noticed the view, and social media exploded with hastily snapped photos. Most of these were from street level or near to it, with buildings obscuring the view, and taken on cameras with sensors incapable of capturing the full dynamic range and spectrum of colors. I wanted to preserve the full view of the moment, and was fortunately able to grab both a wide-angle lens and an excellent view. I left the aperture wide open for this shot, preserving the hazy, almost dreamlike, character of the landscape. It's wonderful to be reminded how beautiful this campus, and this city, can be.

Aperture: f/2.8 Exposure Time: 1/125 sec. Sensitivity: ISO 200 Effective Focal Length:



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### **SPORTS SHORT**

### Men's Lightweight Crew closes season at Nationals

SACRAMENTO, Calif. — The MIT men's lightweight crew team traveled to California for the 111th annual IRA National Championship Regatta, which took place from Friday, May 31 through Sunday, June 2. Tech entered one varsity four boat in the championships, competing in their first race early on Sunday morning.

In the second of two heats in the elimination round, MIT finished in fourth place with a time of 6:55.46, just a few seconds slower than their best time this season. Harvard was first in at 6:43.07 and was followed directly by the University of Wisconsin with a time of 6:43.25, while MSO Crew was third with a 6:50.89. The Engineers moved on to the Petite Final that competed later on in the day.

Just three boats competed in the Petite Final of the lightweight four event, the last race of the weekend. Right from the beginning, MIT settled into second place behind Columbia and remained there for the remainder of the race. The Engineers completed the course with a time of 6:58.28, while Columbia was first in 6:54.28 and Penn was third with a time of 7:11.30

-Charlotte Brackett

### New competition for Volleyball

### MIT Men's Volleyball joining United Volleyball Conference

By Mindy Brauer

ROCHESTER, N.Y. — The MIT men's volleyball team will join the United Volleyball Conference (UVC) starting in 2014. The Engineers, who have been an independent team for the past two seasons, will begin conference play immediately with the UVC.

"We are very excited to welcome MIT into the United Volleyball Conference," said Commissioner Chuck Mitrano. "As an exceptional academic institution and strong volleyball program, this addition enhances an already outstanding men's volleyball conference."

The UVC, a conference that consists of 11 NCAA Division III institutions, completed its third season as an officially sanctioned single-sport conference in 2013. The America Volleyball Coaches Association (AVCA) consistently ranked seven UVC teams throughout the season in top-15 poll and Nazareth College and Stevens Institute of College each competed in the NCAA tournament with the Golden Flyers finishing as the runner-up.

"MIT is honored to be accepted as a

member of the United Volleyball Conference," said Barb Bolich, assistant athletic director/senior woman administrator. "We are pleased to be associated with this collection of highly reputable and successful NCAA Division III men's volleyball programs."

In 10 seasons, MIT has compiled a ledger of 245-95, which features nine straight 20-win seasons.

MIT added men's volleyball as a varsity sport in 1986 and joined the Eastern Intercollegiate Volleyball Association, of which it was a member until 2003. The following season, Paul Dill took over the reins of the program as it began conference play in the North East Collegiate Volleyball Association (NECVA) New England Division. Under his direction, the Engineers made seven straight NECVA Tournament appearances, including two trips to the semifinals, were crowned New England

Division champions twice, and collected 93 individual honors.

"We are extremely excited and grateful for the opportunity to join arguably the premier Division III conference in the country," said Dill. "We look to add even more strength and depth to the conference and believe that our inclusion will be mutually beneficial to all members."

During Dill's 10 seasons at the helm, MIT has compiled a ledger of 245-95, which features nine straight 20-win seasons. The Engineers have maintained a regular presence in the American Volleyball Coaches Association (AVCA) Division III Men's Coaches Top 15 Poll, as they own a current streak of 37 consecutive weeks in the rankings. In addition, MIT has received five AVCA All-America selections and three Capital One Academic All-America awards.

The other 11 members of the UVC are Bard College, D'Youville College, Elmira College, Hilbert College, Medaille College, Nazareth, New York University, Penn State Behrend College, Stevens, SUNY New Paltz and Vassar College.

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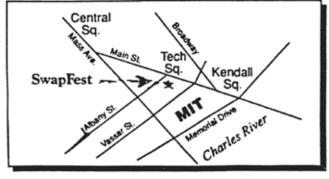
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