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WEATHER, p. 2 SAT: 91°F | 62°F Thunderstorms SUN: 74°F | 56°F Mostly Sunny

Volume 134, Number 35 Friday, September 5, 2014



MELISSA RENÉE SCHUMACHER—THE TECH

Jake Ohlbaum and Harry Price, members of the Black Moons, perform on the steps of the Student Center on Thursday. The event was part of the Coffeehouse Lounge program, a weekly concert series.

# Party ban expands to all FSILGs while MIT, Boston seem at odds

Week-old assurances voided by stricter limits from city

By Austin Hess and Leon Lin

Large parties and gatherings are once again effectively banned at MIT fraternities, campus officials announced Wednesday afternoon, three days after a woman was injured in a fall from a window at the now suspended Lambda Chi Alpha.

After a year of tight restrictions from the city of Boston, MIT finally gave fraternities its blessing to hold parties last week, just in time for rush. But Boston officials were on MIT's back again following the incident on

The woman who fell, a student not affiliated with MIT, was reportedly "intoxicated," according to MIT Police logs, which listed the incident as alcohol-related. MIT prohibits alcohol at fraternity events during rush, which began last Saturday.

For now, gatherings of more than 49 people are forbidden at all MIT fraternities, sororities, and independent living groups, according to an email from Robert Ferrara '67 and Dean Henry Humphreys at MIT's Division of Student Life.

The announcement came less than a week after the MIT FSILG office and student leadership told fraternities that similar restrictions from 2013 on gatherings at Boston-based MIT fraternities had been lifted.

"Good News!" was the subject line of the email last Thursday from Interfraternity Council President Haldun Anil '15. "All fraternities across campus will be allowed to have large events during rush and onwards."

MIT backtracked on that position Wednesday after Boston officials met

The FSILG office and student leadership had introduced a new internal MIT policy on social events meant to ease the restrictions from 2013 put in place by Boston officials, but it was unclear whether the new MIT policy was ever in line with city regulations. or how an Institute decision was supposed to override city rules.

The Boston Inspectional Services Department did not respond to The Tech's requests for comment on

A spokesman for MIT's FSILG office and Division of Student Life would not say whether they had coordinated with Boston on the new internal policy. He also would not say why MIT decided on Wednesday to restrict parties and events at all fraternities, sororities, and independent living groups - in Boston, Cambridge, and Brookline — rather than just those in Boston.

Last October, the Boston Licensing Board had revoked the assembly licenses of MIT fraternities in the city after a student fell four stories through a skylight at Phi Sigma Kappa. The board's move meant that no more people could assemble inside a fraternity house than could live in it.

Anil told The Tech last week that Boston had refused to reinstate the licenses multiple times, indicating it was unlikely to grant them for noncommercial operations.

The city's cap appeared to be lifted last Thursday when student leaders

FSILG, Page 10

# New East Campus housemaster Professor Robert Miller moves in

Miller hopes to see East Campus renovations in future

By Kath Xu

Almost twenty years after leaving East Campus upon graduating MIT, computer science professor Robert C. Miller '95 has returned to the dorm — this time as its housemaster. MIT named Miller to the position in August after a months-long selection process.

The dorm's previous housemasters, Kate and Tom Delaney, retired at the end of last semester after having served in their roles since 2006.

Miller, who lived in East Campus all four years as an undergraduate, said that his experience there was a large factor in his decision to apply for the role. "I applied to be housemaster because I've been heavily involved in undergraduate education pretty much

since I got here," he said. "I've been an undergraduate advisor. I've been teaching big undergraduate

The selection process consisted of three interviews: the first with the search committee who initially sorted through applications, the second with the dorm residents themselves, and the final one with Chancellor Cynthia Barnhart PhD '88 and Dean Constantino Colombo. The search committee included a mix of residents, faculty, staff, and current housemasters.

According to the minutes from Miller's interview meeting with EC residents, he compared other dorms to "hotels," suggesting they lacked distinct culture. He later qualified this in an interview with The Tech, citing

Miller, Page 7

#### MIT Medical confirms no Ebola cases on campus

In light of the ongoing Ebola outbreak, MIT Medical has reached out to community members returning to campus this fall from countries most affected by the disease.

MIT Medical got in touch with students, faculty, and staff who have recently traveled to or from Liberia, Guinea, or Sierra Leone, and confirmed that everyone contacted has been healthy.

An advisory for colleges and universities released by the Massachusetts Department of Public Health recommends that any individual at risk for Ebola contact

health officials, who may monitor their health until the virus's 21-day incubation period has elapsed.

Howard M. Heller, M.D., MIT Medical's associate medical director, has requested that anyone who has traveled to the three affected countries and who has not already been contacted by MIT Medical contact him at helh@ med.mit.edu.

MIT Medical said it would keep the community informed of any further developments or recommendations.

–Katherine Nazemi

#### Charles River receives A- for water quality

for water quality, the U.S. Environmental the river in that area safe for boating. Agency announced at a ceremony held Wednesday at the Boston Museum of Science.

The grade is reported annually and is based on bacteria sampling from the previous year, so this year's A- reflects the water quality in 2013. The Charles River Watershed Association (CRWA) reported that "the Charles River was safe for boating 96 percent of the time and safe for swimming 70 percent of the time, representing the highest safe swimming percentage in the past 19 years."

Swimming conditions depend on the amount of recent rainfall and the location on the river. The CRWA regularly monitors ten boating locations along the Charles and posts daily flag colors on their website

The Charles River was awarded an A- that represent whether or not they deem

The Charles River's water quality has been steadily improving. When reporting began in 1995, the Charles received a D. Water quality ranked in the C range from 1996 to 1998 and had been steady in the B range from 1999 to 2012.

One effort to purify the water in the Charles River has been the Clean Charles River Initiative, which has been working since 1995 to reduce sources of pollution to the river, such as sewers and storm overflows. Additionally, the Metropolitan Water Resources Authority has spent over \$5 billion on projects that have improved the water quality in both the Charles River and the Boston Harbor.

–Alexandra Delmore

# New cancer drug gets FDA approval

Merck to call the drug Keytruda

**By Andrew Pollack** 

THE NEW YORK TIMES

The Food and Drug Administration on Thursday approved the first of an eagerly awaited new class of cancer drugs that unleash the body's immune system to fight tumors.

The drug, which Merck will sell under the name Keytruda, was approved for patients with advanced melanoma who have exhausted other therapies.

Cancer researchers have been almost giddy in the past couple of years about the potential of drugs like Keytruda, which seem to solve a centuryold mystery of how cancerous cells manage to evade the body's immune system.

The answer is that tumors activate brakes on the immune system, pre-

Cancer, Page 6

President L. Rafael Reif has announced office hours for the year. Interested students, faculty, and staff can schedule a 15-minute appointment online at http:// president.mit.edu/office-hours.

Today is the deadline for fall registration. Students who are not registered by 5 p.m. will be charged a \$50 late fee.

LaVerde's s now open 24 hours a day for every day of the week! Come get your late-night snacks.

Quarter 1 PE classes begin Monday. Check your schedules.

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

#### THE TIM: SENIOR **SLUMP**

No reason to procrastinate on checking out. FUN, p. 9

#### **DRUG POLICY INCONSISTENT**

Deviation from harm-reduction may hurt students. OPINION, p. 4

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Vague definition produces undesired consequences. OPINION, p. 5



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Hands-on learning takes a turn for the worse.

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FUN, p. 9

Three little puzzles to end your three-day week.

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#### **UN report finds endemic** violence against children

UNITED NATIONS — One in 10 girls worldwide have been forced into a sexual act, and 6 in 10 children aged 2 to 14 are regularly beaten by parents and caregivers, according to a report issued Thursday by the United Nations' children's agency,

The report, drawing on data from 190 countries, paints a picture of endemic physical and emotional violence inflicted daily on children, mostly at home and in peacetime rather than on the streets or in war. Homicide is especially common in some of the Latin American countries from which children are fleeing by the tens of thousands into the United States: It is the leading killer of adolescent boys under age 20 in El Salvador, Guatemala and Venezuela. Central and Eastern Europe report the lowest rates of homicide among children.

Overall, war accounts for a small share of violence against children. But during times of conflict and other humanitarian crises, domestic violence against adult women and children rises measurably, according to the authors of the study.

The constant threat to children is violence at home, including, at times, sexual violence by friends, relatives and teachers. About 6 in 10 children, 1 billion worldwide, are subjected to corporal punishment as a form of discipline by their caregivers, including parents, though the report concludes that "the most severe forms of corporal punishment — hitting a child on the head, ears or face or hitting a child hard and repeatedly - are less common

Among girls aged 15 to 19, almost 1 in 4 said they had been the victims of "some form of physical violence since age 15." They said they suffered most at the hands of the men to whom they were closest. In countries as varied as India and Zambia, for instance, more than 70 percent of girls named their current or former husbands or partners as the perpetrators of physical violence against them.

Likewise, girls worldwide reported being subjected to sexual violence at the hands of husbands and boyfriends. One in 10 said they had experienced "forced intercourse or other forced sexual acts at some point in their lives."

Boys were found to have experienced sexual violence, too, but to a lesser extent. In the United States, 35 percent of girls aged 14 to 17, and 20 percent of boys, had experienced sexual violence. —Somini Sengupta, The New York Times

#### Community service for teenager who climbed trade center

NEW YORK — Six months ago, Justin Casquejo, a 16-yearold from Weehawken, New Jersey, scaled 1 World Trade Center, making observers blanch and leaving officials unsettled.

Casquejo has already completed his sentence, along with six extra days of community service, and attended two required youth counseling sessions. He also voluntarily turned in a 1,200word essay reflecting on the consequences of his behavior.

"The court is impressed by your sincerity, remorsefulness and willingness to accept responsibility for your conduct," Men-

Around 4 a.m. on March 16, Casquejo slipped through a 12-by-12-inch hole in a security fence surrounding the tower, and then used scaffolding, an elevator, a staircase and a ladder to reach the tower's antenna. He managed not to rouse an inattentive security guard but was arrested in the lobby about two hours later. The guard was later fired.

The breach stoked fears about the level of security at the site, which is owned by the Port Authority of New York and New

Photos of Casquejo on his Twitter account, since removed, showed him scaling a crane overlooking the Manhattan skyline and posing on top of a bulldozer.

–Benjamin Mueller, The New York Times

# Al-Qaida announces new branch in India

By Ellen Barry THE NEW YORK TIMES

NEW DELHI — Al-Qaida has released a video announcing the establishment of a new branch on the Indian subcontinent, saying it is meant to revive jihadist activity in a region that was once "part of the land of Muslims, until the infidel enemy occupied it and fragmented it and split it.

In the 55-minute video, which was posted on jihadist forums, al-Qaida's leader, Ayman al-Zawahri, addresses listeners in parts of the region with large Muslim populations, assuring Muslims in Burma and Bangladesh; in the Indian cities and states of Assam, Gujarat, Ahmedabad and Kashmir that your brothers" in the militant organization "did not forget you and that they are doing what they can to rescue you."

In recent months, al-Qaida's emerging competitor, the Islamic State group, has begun to recruit Indian Muslims, and some analysts viewed the videotaped announcement as a response.

Al-Zawahri said it had taken more than two years "to gather the mujahedeen in the Indian subcontinent into a single entity," but did not mention smaller groups that might be affiliated. The SITE Intelligence Group, which monitors extremist activity online, said the video was posted Wednesday.

Indian news outlets reported Thursday that the country's Intelligence Bureau had verified the video's authenticity and had alerted police across the nation to a heightened threat.

Sambit Patra, a spokesman for the governing Bharatiya Janata Party, called the announcement "a matter of serious concern."

"The government will take a note of it, and surely see to it that whatever action we have to take against this will be done," he said, according to ANI, a wire service.

Al-Qaida, which has been weakened by military and economic pressure in the years since the attacks of Sept. 11, 2001, has not traditionally recruited heavily in India or staged major attacks on Hindus. Instead, its ideological focus has been

on driving out a "far enemy" - the United States and its allies — from the Middle East.

However, the Islamic State group, a Sunni network that split rancorously from al-Qaida last year, has been recruiting Indian Muslims.

In his videotaped address, al-Zawahri does not make specific reference to the Islamic State group, but he does call for unity among jihadists.

Laith Alkhouri, a senior analyst at Flashpoint Global Partners, a New York security consulting firm that tracks militant websites, called the message "a serious counter-narrative" to the Islamic State expansion.

"Al-Zawahiri is establishing an antithesis to ISIS and its ideology, a message to mujahedeen unify together, not kill Muslims and kill each other, and, keep the focus of the attacks on Western powers," Alkhouri said in a written reply to questions, using an abbreviation for the Islamic State group. "In other words, maintain the original al-Qaida goals."

# FCC to promote high-speed broadband competition

By Edward Wyatt

WASHINGTON — Americans lack real choices among providers of high-speed Internet service, with fewer than 1 in 4 homes having access to two or more providers of the broadband speeds that are quickly becoming "table stakes" in modern communications, the chairman of the Federal Communications Commission said Thursday.

The chairman, Tom Wheeler, said in a speech that the FCC planned to promote more choices and protect competition, because a lack of adequate consumer choice inhibits innovation, investment and economic benefits.

'There is an inverse relationship between competition and the kind of broadband performance that consumers are increasingly demanding," Wheeler said. "This is

not tolerable."

While about 80 percent of U.S. homes have access to a wired broadband connection that provides service at 25 megabits per second or greater, an overwhelming majority of those have no choice among providers because there is only one in their community, Wheeler said, citing statistics from the Commerce Department's State Broadband Initiative.

Even that overstates the level of competition because "users cannot respond by easily switching providers," Wheeler said. "Once consumers choose a broadband provider, they face high switching costs that include early-termination fees and equipment rental fees. And, if those disincentives to competition weren't enough, the media is full of stories of consumers' struggles to get ISPs to allow them to drop service."

Wheeler said the FCC would

protect competition where it existed and encourage greater competition where it could exist. That includes insuring "that the Internet remains free of barriers erected by last-mile providers," the companies like Comcast and Verizon that provide the link between a consumer's home and the Internet writ large.

Wheeler said that the commission would work to create competition where it did not exist, including in municipalities that want to build fiber networks for residents but are restricted from doing so by state laws. The FCC is considering petitions asking it to pre-empt such laws in North Carolina and

Wheeler cited the long-distance market of the 1990s, when consumers could easily switch from one long-distance carrier to another, as "what a truly competitive telecommunications marketplace looks like."

**WEATHER** 

#### **Scorching September**

By Vince Agard

Although Labor Day has come and gone and the fall semester has begun, summer is still in full swing at the Institute. This past Tuesday's high temperature of 93°F (34°C) was the hottest temperature of the year so far in Boston, Strengthening offshore flow in advance of an approaching cold front will cause temperatures to flirt with the 90-degree mark once again today and tomorrow. The best chance for heat will come tomorrow afternoon, right before the cold front passes through. As the front arrives, expect thunderstorms to develop and move

across New England tomorrow is a chance that some of these storms could produce hail and/ or damaging winds.

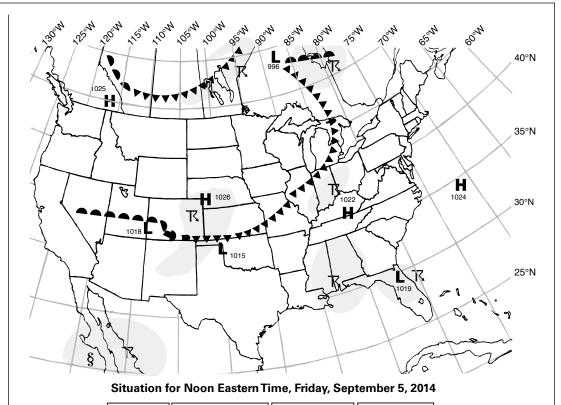
Temperatures will return to a more seasonable level after the cold front moves through, with temperatures returning to the mid 70s (°F) as high pressure takes hold for the beginning of next week.

Of course, the fall season doesn't officially begin (astronomically speaking) until the equinox on the evening of September 22. So, even though school is back in session, don't be surprised to see the occasional burst of summer in early September.

#### **Extended Forecast**

Today: Mostly sunny, high 89°F. Winds SW at 8-12 mph (32°C). Tonight: Partly cloudy, low 70°F (21°C). Winds SW at 5-10 mph. **Tomorrow**: Partly cloudy with showers and thunderstorms in the afternoon and evening, high 91°F (33°C). Winds SW at 10-15 mph.

Sunday: Mostly sunny, highs in the mid 70s °F (23°C). Monday: Sunny, highs in the mid 70s °F (24°C).



| eather Systems | Weather Fronts   | Precipitation Symbols |      | Other Symbols |              |               |
|----------------|------------------|-----------------------|------|---------------|--------------|---------------|
|                |                  |                       | Snow | Rain          |              | Fog           |
| High Pressure  | Trough           | Showers               | *    | $\dot{\sim}$  | <del>-</del> |               |
| .              | Warm Front       |                       | V    |               | 17           | Thunderston   |
| Low Pressure   | AAAA GUE .       | Light                 | *    | •             | $  \infty  $ | Haze          |
| 8 Hurricane    | ▲▲▲▲ Cold Front  | Moderate              | **   | ••            | Comp         | oiled by MIT  |
| § Hurricane    | Stationary Front | Heavy                 | .*.  | .•.           |              | orology Staff |

# Apple nears introduction of smartwatch, bigger iPhones

By Brian X. Chen
THE NEW YORK TIMES

SAN FRANCISCO — When Apple wants to make a big splash, it returns to its history.

Thirty years ago at the Flint Center for the Performing Arts, a roomy auditorium in Cupertino, California, Steve Jobs introduced the original Macintosh. On Tuesday, Apple is set to come back to the center to unveil a set of long-anticipated products: two iPhones with larger screens, and a wearable computer that the media has nicknamed the iWatch.

The so-called smartwatch will be the first brand-new product unveiled under Apple's new chief, Timothy D. Cook, who took the helm after Jobs died nearly three years ago. It is expected to come in two sizes and combine functions like health and fitness monitoring with mobile computing tasks like displaying maps, said people knowledgeable about the product. It will have a unique, flexible screen and, like the new phones, will support technology that allows people to pay for things wirelessly.

"I believe it's going to be historic," said Tim Bajarin, a consumer technology analyst for Creative Strategies who attended the original Mac event in 1984. He added about the muchanticipated Apple watch: "The design of this product is all Tim's fingerprints."

With its first wearable computer, Apple will enter a growing market for fitness-tracking accessories and smartwatches filled with gadgets from Samsung Electronics, Fitbit and Nike. And with the two larger phones, the iPhone will fight back against Samsung, whose big-screen Galaxy smartphones have wrestled sales away from Apple over the past few years

While the iPhones are expected to be released in the coming weeks, the watch is unlikely to be in stores until next year, several people said. The price of the new devices is not yet clear.

Apple, which is highly secretive, has not officially commented on any of the new products. But multiple employees for Apple and its partners who were briefed on the products shared some details on the condition that they not be identified.

# Justice Department to investigate Ferguson police practices

By Matt Apuzzo and Manny Fernandez

THE NEW YORK TIME

WASHINGTON — The Justice Department will open a broad civil rights investigation into police practices in Ferguson, Missouri, where a white police officer killed an unarmed black teenager last month and set off days of racially charged unrest, the city's police chief and other officials said Wednesday.

The inquiry will be in addition to an FBI civil rights investigation that is looking specifically into the shooting of the teenager, Michael Brown, on Aug. 9. The new investigation is expected to be announced soon, according to two federal government officials who were briefed on the plans.

Attorney General Eric H. Holder Jr. and his aides first discussed such an investigation weeks ago, immediately after the death of Brown, 18, when reports surfaced that the Ferguson police force had previously been accused of abuse.

Ferguson's police chief, Thomas Jackson, said in an interview Wednesday night that he would welcome the investigation.

"We've been doing everything we can to become a professional police department and a professional city," he said. "We have no intentional policies or procedures which discriminated or violated civil rights. But if we have anything there which may unintentionally do that, we need to know about it."

Jackson said he met with Justice Department officials Wednesday.

"Obviously, we have gaps. And any help we can get to help fill those gaps and to make ourselves stronger, we welcome" he said.

# Federal judge affirms Louisiana's same-sex marriage ban

NEW ORLEANS — A federal judge here upheld Louisiana's ban on same-sex marriage Wednesday, going against what had been a unanimous trend of federal court decisions striking down such bans since the Supreme Court ruled on the matter last year.

In his ruling, Judge Martin L.C. Feldman of U.S. District Court said that the regulation of marriage was left up to the states and the democratic process; that no fundamental right was being violated by the ban; and that the state had a "legitimate interest ... whether obsolete in the opinion of some, or not, in the opinion of others ... in linking children to an intact family formed by their two biological parents."

That this ruling ran counter to a wave of other federal decisions across the country in recent months was immediately noted by opponents of the ban.

"We always anticipated that it would be a difficult challenge," said J. Dalton Courson, a lawyer for the plaintiffs, adding that the ruling would be appealed to the 5th U.S. Circuit Court of Appeals. "We certainly are disappointed considering the string of rulings in favor of same-sex marriage."

—Campbell Robertson, The New York Times

# USA Today cuts 70 newsroom and business employees

USA Today, the Gannett Co.'s flagship paper, laid off roughly 70 people on Wednesday. The cuts appeared to be equally split between employees in the newsroom and other departments, and they equaled less than 10 percent of the total workforce.

Weeks earlier, Gannett announced that it was spinning its newspapers into a separate company next year. Other companies, including 21st Century Fox (formerly News Corp.), the Tribune Co. and Time Warner, have taken similar steps to separate their more lucrative television and cable assets from their struggling print divisions. Gannett portrayed Wednesday's cuts not just as a way to save money but as part of its aggressive transition to a more Internet-focused product.

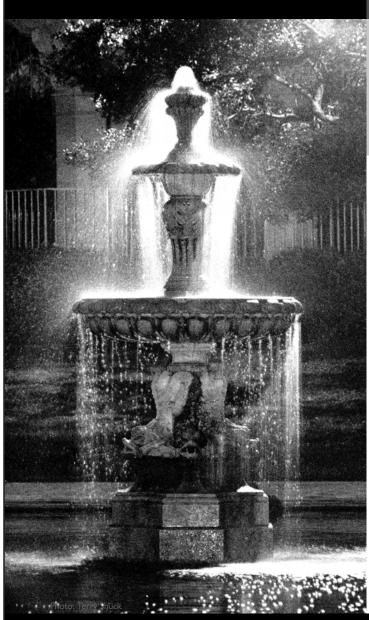
"USA Today is working to align its staffing levels to meet current market conditions. The actions taken today will allow USA Today to reinvest in the business to ensure the continued success of its digital transformation," Jeremy Gaines, a spokesman for Gannett, said in a statement

While Gannett will not saddle the new publishing company with heavy debt, as Tribune and Time Warner did with their new print entities, it is expected to have significant struggles ahead nevertheless.

The publishing division has not had year-over-year revenue growth since 2006. In the second quarter of this year, it posted a 37.5 percent decline in operating income, to \$53.2 million from \$85 million, compared with the same quarter a year ago.

—Leslie Kaufman, The New York Times

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# Changes to drug and alcohol policies inconsistent and irrational

Unfortunately, administration has deviated from harm-reduction strategy

**By Aaron Hammond** 

STAFF COLUMNIST

I suppose I was a bit too optimistic after hearing of changes to the Mind and Hand Book, especially of those relating to the Institute's drug and alcohol policies. Given MIT's apparent willingness to support policies consistent with the prevailing trend on college campuses to support harm-reduction with the adoption of a Good Samaritan policy for alcohol-related medical emergencies in February 2013, I had hoped, briefly, that the recent revisions would tackle the issue of substance abuse in a consistent and rational way.

Nope.

Instead, the updates proffered by Dean Colombo and the Division of Student Life seek to force students to police their fellow students, while simultaneously omitting the protections that ought to be extended to those acting in good faith for the health of their peers.

First, I think we, administration included, must admit that drug use on campus is inevitable. According to the 2012 National Survey on Drug Use and Health, 22% of full-time college students admit to the use of illicit drugs. Combined with the nonzero rate of drug use at those institutions with even the most draconian of policies (Brigham Young University reported 120 instances of disciplinary action stemming from substance abuse in 2011 and 2012), it is simply indefensible to believe that any amount of administrative intervention can drive the rate of substance abuse to zero.

Considering this reality, the response

most appropriate to curb irresponsible use of drugs and alcohol is to focus on health and harm-reduction. Considering also that harm-reduction strategies specifically aimed at alcohol have been effective on many campuses nationwide, it seems absurd that the same approach would not be applied to the use of illicit drugs as well.

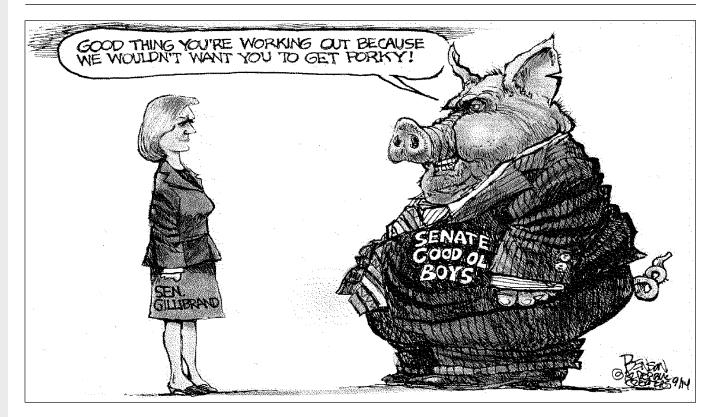
The recent changes to the Mind and Hand Book do not fall in line with this common-sense strategy, specifically in the realm of drug use. By threatening "disciplinary suspension and disciplinary expulsion... when a student has failed to summon medical assistance for someone... in medical jeopardy due to alcohol or substance use," the DSL is requiring that students, under pain of sanction, act responsibly under duress, which is certainly something to be lauded.

However, as noted in The Tech's news article about the policy changes, the same protections that exist to shield those acting responsibly in cases of alcohol abuse do not apply to those seeking help for drugrelated medical emergencies. That is, the Institute is presently forcing students to police without a Kevlar vest. Although the article notes that Associate Dean Judy Robinson offered the tepid reassurance that "the fact that someone called for help may be taken into account if Committee on Discipline sanctions were considered after a drug-related incident," an unofficial winkand-nod is insufficient in discussions of a topic so serious.

Taken together with the introduction of a policy that holds students responsible for drug use undertaken in their residence by other students, a tragic hypothetical emerges: Suppose that I hold a gathering with some of my chums on a Saturday night. Some of us are underage, but we are all nonetheless consuming alcoholic beverages (while not playing Settlers of Catan, as drinking games are now expressly prohibited). Another one of our of-age hall mates walks into the room with some other beverage, which I can reasonably assume is alcohol. Some time later, he passes out, as his drink in fact contained GBL.

The revisions to the Mind and Hand Book now place me in an awfully precarious spot; should I call a transport, I may be held responsible for permitting drug use and underage drinking in my room, and if I do not and he experiences a medical emergency, I will also be punished for failing to report the incident. After a few drinks, the reasonable solution may well appear to be to haul him back to his room and hope for the best. It should be noted that, if he had instead consumed only alcohol, I would be protected by the Good Samaritan policy and there would be no hesitation in calling for medical assistance. Inconsistency abounds.

I can appreciate the fact that the Institute wishes to take a hardline approach to drug use as to appear as to not condone it. It is reasonable that the administration should want to curb the use of illicit substances on campus and its consequent ill effects on student life. But, the exclusion of a Good Samaritan policy for incidents involving drugs does not further that end. Instead, it runs counter to the very idea that the reason for a drug and alcohol policy in the first place is to protect students.



#### **CORRECTIONS**

An article about the FSILG social gathering policy in the Friday, Aug. 29 issue of  $\it The\ Tech$  failed to include a for-

mula based on PartySafe trained members as a possible limit on FSILG capacity. AILG Chair Steve Baker '84 noted in an email that this formula is likely to be the limiting factor on the capacity.

#### **OPINION POLICY**

**Editorials** are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Chairman Annia Pan, Editor in Chief Austin Hess, Managing Editor Judy Hsiang, and Opinion Editor Jacob London.

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

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to *letters@tech.mit.edu*. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

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 $\label{eq:Guest columns} \textbf{Guest columns} \ \text{are opinion articles submitted by members}$  of the MIT or local community.

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The Tech's telephone number is (617) 253-1541. Email is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to <code>general@tech.mit.edu</code>, and it will be directed to the appropriate person. You can reach the editor in chief by emailing <code>eic@tech.mit.edu</code>. Please send press releases, requests for coverage, and information about errors that call for correction to <code>news@tech.mit.edu</code>. Letters to the editor should be sent to <code>letters@tech.mit.edu</code>. The Tech can be found on the World Wide Web at <code>http://tech.mit.edu</code>.

# OPINION OPINIO

# New hazing policy has concerning implications

#### A new, excessively broad definition of hazing is well-intentioned but could stifle open discourse

By Brian Spatocco

Under MIT's recently overhauled hazing policy in the Mind and Hand Book, I am guilty of hazing students.

I've probably hazed those around me almost every week of my time at MIT and will likely continue to do so into the future. Have I intentionally abused, harassed, intimidated, or otherwise endangered the physical or mental health of a colleague? Emphatically, no. Have I occasionally acted, intentionally or not, in a way as to induce "physical or mental discomfort or distress" in those around me? Absolutely. I am many times guilty and I wager most others, faculty included, are too.

The logic that students need constant protection and insulation from each other and from every subtle offense in order to enjoy an environment that is conducive to learning is wrong.

It is not the case that we're bad people. In fact, over my last five years at MIT as a TA, researcher, student leader, and mentor I've increasingly enjoyed working and learning from each year's new admits. So what am I talking about — how can we all be perpetrators of a Mind and Hand Book violation that carries with it punishments as severe as suspension and expulsion?

It is because the inquisitive and intellectual environment that MIT demands in order to carry forward its mission is fundamentally predicated on our ability to question, debate, interrogate, and hold sacred no idea, no matter how common it may be.

This courage to ask hard questions, endure challenge, and grow is what makes MIT so special and what is under fire with the Mind and Hand Book changes.

Specifically, MIT has augmented the definition carefully delineated by the State of Massachusetts that defines hazing as "any conduct or method of initiation... which willfully or recklessly endangers the physical or mental health of any student or other person" into the far more encompassing "Any action or activity that causes or intends to cause physical or mental discomfort or distress, that may demean, degrade, or disgrace any person, regardless of location, intent, or consent of participants, for the purpose of initiation, admission into, affiliation with, or as a condition for continued membership in a group, organization, or living community." This definition is agnostic to intent, consent, and severity, as well as time and place. Let that soak in for a second. Try to imagine your last conversation that didn't take place in a group, organization, or living community or with another student who shared membership in a group with you.

What does this mean for us practically? Under this zealous extension many of the creative and demanding processes that I and others require for growth in our fields and as individuals are now under scrutiny. To name a few, passionate debates during research meetings, student leaders challenging rising talent with harder individual assignments before giving them more responsibility, faculty expectations that students work during nights or weekends as standard lab practice, or the ability to run intense practices for intramural or club sports teams. These are all circumstances in which I have witnessed friends upset or distressed and all now fall in the prosecutable domain of hazing.

Is it wrong that students should be offended or distressed at MIT? In situations where the cause is willful or reckless in nature, without a doubt. However, the logic that students need constant protection and insulation from each other and from every subtle offense in order to enjoy an environment that is conducive to learning is wrong. Academic and personal growth can and sometimes should be painful. The First Amendment lawyer and author Greg Lukianoff put it best when he noted "Being offended is what happens when you have your deepest beliefs challenged. And if you make it through four years of college without having your deepest beliefs challenged, you should demand your money back."

Unclear language creates unclear expectations, is prone to variable interpretation, and most importantly, can result in a chilling effect on campus.

Perhaps the most dangerous outcome of ambiguous speech codes like MIT's revamped hazing policies has nothing to do with whether or not they will actually be enforced. Unclear language creates unclear expectations, is prone to variable interpretation, and most importantly, can result in a chilling effect on campus.

Charges need not be brought to make students think twice before debating portions from Nabokov's Lolita out of fear child abuse may be a trigger for somebody. Some may view this as a stretch, however we need look no further than the slow decay of the MIT's Good Samaritan policy to see how lack of speech protections chill and suppress student action. Though broad language is great for covering all the bases, it casts an unknowably large shadow and creates a quiet back-door for the slow and steady decline of speech freedoms on campus.

Simply put, when we try to craft protective and risk-averse bubbles around ourselves and MIT we do so at the peril of burdening our community with a degree of paranoia which tempers and censures our everyday ability to think and act with courage.

And so it is that bad outcomes can come from good intentions. Certainly, nobody in the administration is out to hurt students or undermine the Institute's mission. Rather, our administrative leaders sometimes grapple with a different set of challenges than those in the academic side of the house.

There are external threats and litigation that drive risk-mitigative behavior, there are desires to appear progressive in comparison to our peers or the state, and there are occasions where support staff who deal with the real effects of serious hazing on a regular basis are inspired to create expansive language to impede hazing at all costs.

It is in these zealous charges to address a single component of the university experience that we lose sight of the larger optimization at play and we begin to destabilize the delicate ecosystem of growth that we cherish and society needs. It is important for us to have a public and frank discussion about where the balance should be and whether this new language achieves those ends.

And though I've shared my opposition to this loose language as a graduate student leader during the 2013 drafting stages and again in this opinion piece, I want and need the community to challenge me. If I am wrong, make me feel and know the wrongness of my assumptions. Make me lose sleep over them. Cause me a little bit of "mental discomfort". This is how I learn.

Brian L. Spatocco is a PhD Candidate in the department of Materials Science and Engineering as well as a former GSC President, Chair of Housing and Community Affairs and Chairman of the Sidney Pacific Board of Trustees.

# Have something to say?

Write opinion for The Tech!

opinion@tech.mit.edu

# Merck to sell new cancer drug

Last-resort drug Keytruda to cost \$150,000 a year

Cancer, from Page 1

venting it from attacking them. Keytruda is the first drug approved that inhibits the action of one of those brakes, a protein known as PD-1, or programmed death receptor 1.

"This is really opening up a whole new avenue of effective therapies previously not available," said Dr. Louis M. Weiner, director of the Georgetown Lombardi Comprehensive Cancer Center in Washington and a spokesman for the American Association for Cancer Research.

This general approach might work for many types of cancer, although so far the main successes in clinical trials have come against the deadly skin cancer melanoma, lung cancer and kidney cancer.

Merck said Thursday that the drug, known generically as pembrolizumab, would cost about \$12,500 a month or about \$150,000 a year.

Merck said the price was in line with that of other cancer drugs, although it seemed to be a bit higher than some. Many doctors have complained about the rapidly escalating prices of cancer drugs, which they said could put treatments out of reach for some patients.

The drugmaker has won a race to market in the United States against Bristol-Myers Squibb, Roche and AstraZeneca, which are in advanced stages of testing drugs that block the action of PD-1. Bristol's drug, nivolumab, being developed with Ono Pharmaceutical, was approved two months ago in Japan, also as a treatment for advanced melanoma.

Keytruda was approved based on a trial involving 173 participants who all received the drug, with no control group. Tumors shrank in about 24 percent of patients, the FDA said, with the effect lasting at least 1.4 to 8.5 months and continuing beyond this period in most patients.

Merck will now have to conduct two controlled clinical trials to verify that the drug can prolong lives and delay the progression of disease.

## A sampling of people you'll meet during a typical dinner at The Tech:

Derek, Course 1 Will, Course 8 Anne, Course 17 Leon, Course 18 Kath, Course 2 Jess, Course **9** Joyce, Course 10 Jack, Course 19 Esme, Course 3 Vince, Course 12 Tushar, Course 20 Dohyun, Course 4 Will, Course **5** Anthony, Course **14** Stephen, 21/CMS Keith, Course 22 Maggie, Course **15** Austin, Course **6** Marissa, Course **24** Kali, Course 7 Chris, Course **16** 

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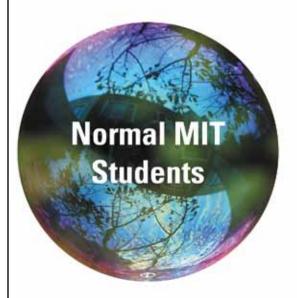


A Higher Degree of Banking

Friday, September 5, 2014

The Tech 7

# Do you live *outside* the bubble?



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# Miller settles into new role as East Campus housemaster

6.005 professor lived in EC as an undergraduate

Miller, from Page

time and dorm structure as factors that affect a dorm's community.

"It takes time to grow a culture. We have a number of dorms over on the west side. Both Maseeh and Simmons are relatively new in the undergraduate dorm experience," Miller said. "At least in my experience, the halls on EC are very tightly knit in a way I haven't seen in some of the other dormitory structures. Again, it has nothing to do with the students; it's often a structural thing."

Miller hopes East Campus will be renovated soon, saying that "some parts of the building looked too much like the way they did when I was an undergraduate here 20 years ago," referencing a tour of the dorm

with the residents.

"I'm happy to have Rob as our housemaster. One of his action items is getting us some "nice things" — a suggestion which was initially met with some backlash due to its implications and a general resistance to change from outside sources," wrote EC President and search committee member Jessica M. Parker '15 in an email to *The Tech*. "However, he's proved to be great at listening to the community and asking for input on what we actually want, so I think most people are on board now."

Miller, who doesn't have a family, lives on the second floor of the west parallel.

"I hope I can be housemaster for as long as the dorm will have me," Miller said, adding that the initial appointment is five years.



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



Of course you could discuss problems calmly with your roommate, but you're an engineer, so...

It'd be terrible to buy groceries that set off an allergic reaction in your roommate!

Instead, just eat whatever he/she buys!



Throw whatever you catch out the window!

### Sudoku I

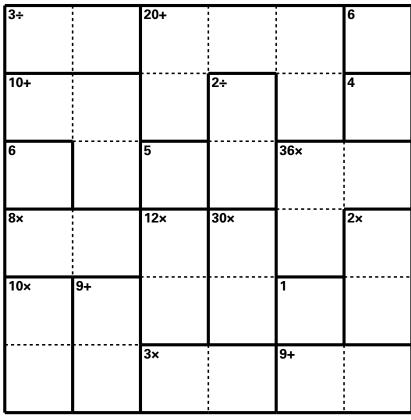
Solution, page 11

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

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 l

Solution, page 11



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.

## Extra-Careful by Lonnie Burton

Solution, page 11

#### **ACROSS**

- i Airing
- 5 Port near Nazareth
- 10 Remnant
- 14 Yogurt flavor
- 15 Dissertation abbreviation
- 16 Future moth
- 17 Bohemian, for one 18 New Hampshire city
- 19 Starts' partner
- 20 Start of a Laurence J. Peter quote 23 Bohemian, for one
- 26 Raiders of the Lost Ark
- menaces
- 27 At this localité
- 28 Part 2 of quote 32 Cash substitute
- 33 Wee folk
- 34 Tech sch.
- 35 Part 3 of quote 36 Part 4 of quote
- 39 Melville novel
- 42 Jane Rochester's maiden name
- 43 Folder feature
- 46 Part 5 of quote

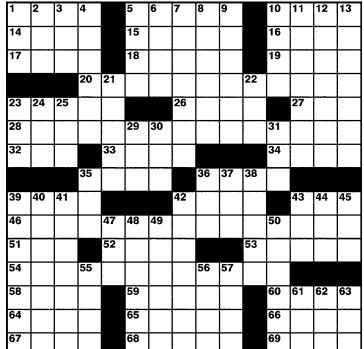
- 51 Bodybuilder's back muscle 10 Sunscreen nos.
- 52 leutonic three
- 53 Fire fighter
- 54 End of quote
- 58 Justice Scalia nickname
- 59 Gold standard
- 60 Large quantity
- 64 Square one
- 65 Concert venue
- 66 Disney exec on Apple's board
- 67 What Latvia and Belarus once were: Abbr.
- 68 Intensifies, with "up" 69 Teapot cover

#### **DOWN**

- 1 Sanctions 2 Less than one
- 3 Onetime Lindbergh
- employer 4 It's faster than allegro
- 5 Baloney
- 6 Big lugs
- 7 Winter angler's implements
- 8 Polish, or polish off
- 9 "Resume speed," on a score

- IT Cost of learning
- 12 Small increases
- 13 String quartet member
- 21 Instagram upload
- 22 Easter or Christmas:
- 23 TV series set in Vegas
- 24 Chaotic scene
- 25 Cassowary kin
- 29 "Just kidding!"
- 30 Numerical suffix
- 31 \_\_ for Outlaw 35 Negative reaction
- 36 Where the Yellowstone
- R. rises 37 \_\_ Poetica (Horace
- work) 38 Start of a 2008 campaign slogan
- 39 Rectangular shapes 40 "Blue" villains in Yellow
- Submarine 41 Not so seldom
- 42 Nation on the Red Sea
- 43 Stick with a kick 44 It may be awkward
- 45 Slot-machine icon 47 Nutritional std.

- 50 Medical
- 55 Cantonese cookers

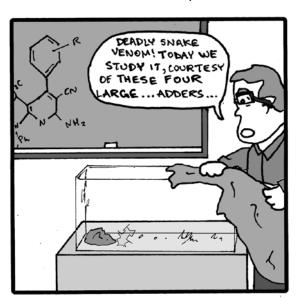


- 56 Tirade
- 48 Singer Badu
- 49 Lucrezia Borgia's brother
- Stone
- 61 Back in time

57 Vowels on the Rosetta

62 Monkey's topper in Aladdin 63 Subject to strain

### **UPPERCUT** by Steve Sullivan









### Sudoku II

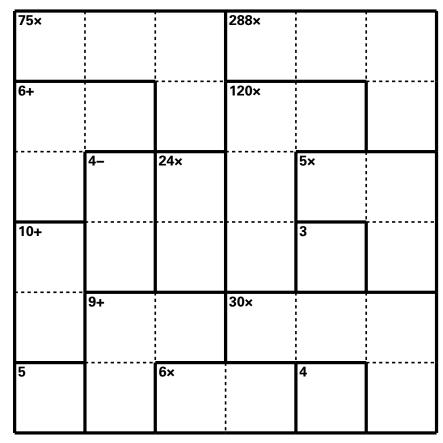
Solution, page 11

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

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 II

Solution, page 11



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.

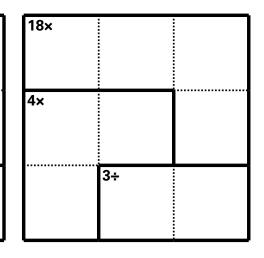
## **Tripdokus**

Solution, page 10

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–3. Follow the mathematical operations for each box.

| 4+ | 1– |
|----|----|
| 6× |    |
| 2  | 3  |
|    |    |

| 2× |    | 6× |
|----|----|----|
| 3× | 6× |    |
|    |    | 1  |
|    |    |    |



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# After LCA fall, no more events of 50 or more people at FSILGs

Boston's Inspectional Services Department issues prohibition on large parties; LCA now suspended

FSILG, from Page 1

and the MIT FSILG office introduced a more generous formula for determining house capacities just in time for rush. Anil said the new internal policy, which introduced procedures for event registration and risk management, was a proactive effort to "enforce the safety of social events ourselves," but had not been reviewed by the city.

The fraternities even received an email from Anil on Aug. 29 listing the "social event assembly number" of each house, reportedly calculated by architect Tom J. Stohlman '76 under the auspices of MIT. The numbers ranged from 98

The Sunday incident at LCA "resurfaced the issue of assembly numbers" at Boston's Inspectional Services Department, which told MIT officials Wednesday that gatherings of 50 or more people would

require special event permits, according to Ferrara and Humphreys.

"If you want to have a party of 50 people or more, you have to get what's called an assembly occupancy," Buddy Christopher, commissioner of the Boston Inspectional Services Department, said to the Boston Herald. "The assembly permit is something we take very seriously. We've asked for this back in January and we never got anything."

This seemed at odds with what Humphreys and Ferrara wrote in their email: "Throughout our work with ISD over the last year, MIT expected the processes and procedures under development would respond to the concerns ISD raised about assembly numbers."

The MIT officials said they would continue to work with the city. They also met Wednesday with leaders of FSILGs, many of which had events for new members and pledges scheduled for this weekend.

The MIT chapter of LCA is now under suspension by both its international organization and MIT. In an email to fraternity leaders Wednesday, Anil said LCA could not rush, extend bids, or promise future bids to students during its "temporary suspension" pending an investigation.

Anil also said that an investigation of the LCA incident would be led by Associate Dean for Student Life Judy Robinson, but that no one from the FSILG office would be involved "[i]n an effort to ensure that the investigation is unbiased."

According to The Boston Globe, Boston Inspectional Services did not find any building code violations during an inspection of LCA Tuesday morning.

This is an updated version of an article first published online on Thursday.

#### Solution to Tripdoku I

| 1 | 3 | 2 |
|---|---|---|
| 3 | 2 | 1 |
| 2 | 1 | 3 |

#### Solution to Tripdoku II

| 2 | 1 | 3 |
|---|---|---|
| 1 | 3 | 2 |
| 3 | 2 | 1 |

#### Solution to Tripdoku III

| 3 | from page 9 | 2 |
|---|-------------|---|
| 1 | 2           | 3 |
| 2 | 3           | 1 |



## Alpha Phi **Omega**

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#### **Rush Schedule**

Mon 9/1 – Thurs 9/4

Book Exchange

10AM - 5PM daily W20-307 (Mezz Lounge) Service: Come buy your textbooks, help staff the book exchange, and meet brothers! Support this three-decade old operation and pick up texts on the cheap.

Recruitment Dinner Info and food!: Come learn about APO over a delicious homemade meal made just for you!

7PM - 9PM

Tables of food, laughter, and good company, what more could you want?

activities. Learn about our printing press and silkcreening while you're at it!

Sunday Morning Blanket Cinema

10AM - 1PM

W20-415 (APO office)

Service: Start your Sunday by making blankets for children's hospitals while watching a film! Drop by APO's office for 15 minutes or stay the whole three hours

Repurposing Encyclopædia Britannica 7–9pm

W20-415 (APO office) Demo: We have too many encyclopedias! Come make secret-compartment books for all of your clandestine

Thurs, Sept 11

Bikes Not Bombs Off-Campus (meet in E25 lobby) Service: Come and volunteer with this organization that teaches about bikes to local youth and ships bikes to economic development programs across the world. No experience required.  $\,$ Please RSVP to BnotB@mit.edu

Fri, Sept 12

Cards Night

7-10 PM

W20-415 (APO Office)

Fellowship: Come play Munchkin, Cards against Humanity, Durak, and more with the APO brothers! Mocktails and snacks provided.

Sat. Sept 13

Pledge Ceremony

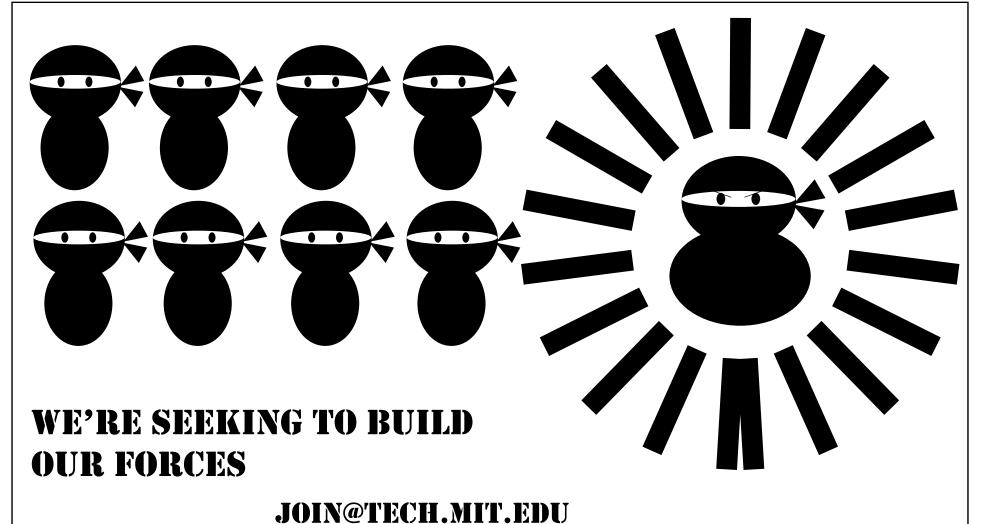
Please RSVP to pledge-apo@mit.edu

3–4 PM

Joining: You've decided that you like us? Awesome! Pledging means that you'd like to try out being a part of our chapter. It's only as much as a commitment that you'd like to make it.

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THE TECH 1



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Meet awesome women from the sororities participating in Informal Recruitment, including Alpha Epsilon Phi

Friday, 9/5
Lobdell (W20 Student Center, 2<sup>nd</sup> Floor) from 8pm – 10 pm
Ice cream from Toscanini's!

To participate, you must be a non-affiliated MIT undergraduate woman who did not receive a sorority bid this year, and who has not been initiated into a sorority Questions? Contact sororities@mit.edu

| Solution to Sudoku I                   | Solution to Techdoku I | Solution to Sudoku II                  | Solution to Techdoku II | Solution to Crossword                                 |
|--|------------------------|--|-------------------------|---|
| 3 6 8 4 9 1 5 7 2 2 7 1 5 8 3 9 6 4    | 3 1 2 4 5 6            | 2 5 4 3 9 8 1 6 7 7 3 1 2 4 6 9 8 5    | 153264                  | ONTV HAIFA STUB<br>KIWI OPCIT PUPA<br>SLAV KEENE FITS |
| 5 4 9 6 7 2 8 1 3                      | 1 5 6 2 3 4            | 8 9 6 7 1 5 4 3 2                      | 3 1 5 4 2 6             | CZECH ASPS ICI  |
| 7 3 2 9 4 8 6 5 1<br>1 8 5 7 3 6 2 4 9 | 6 4 5 1 2 3            | 4 1 8 5 6 9 7 2 3<br>5 2 7 4 8 3 6 9 1 | 264315                  | SOMEONEWHOLOOKS<br>IOU TOTS INST<br>BOTH WAYS         |
| 6 9 4 1 2 5 7 3 8                      | 4 2 3 5 6 1            | 3 6 9 1 2 7 5 4 8                      | 4 2 6 5 3 1             | OMOO EYRE TAB<br>BEFORECROSSINGA                      |
| 9 5 7 8 1 4 3 2 6                      | 5 3 4 6 1 2            | 1 4 5 6 3 2 8 7 9                      | 6 4 2 1 5 3             | LAT DREI WATER<br>ONEWAYSTREET                        |
| 8 1 3 2 6 7 4 9 5                      | 261345                 | 9 7 3 8 5 4 2 1 6                      | 531642                  | NINOKARAT RAFT  |

# Men's soccer crushes 5 Anna Maria College

Lopez-Pineda, Bingham, Hong, and Albarran lead Engineers' to 7-0 win

MIT's men soccer team kicked off their 2014 campaign with a 7-0 nonconference victory over Anna Maria

College on Tuesday evening at Roberts Field at Steinbrenner Stadium.

Bokil T. Lopez-Pineda '15 and Colin P. Hong '15 and Sean D. Bingham '16 each netted

two goals, while Nikolas A. Albarran '18 registered his first goal in an Engineers uniform. Goalkeeper Jake L. Amereno '16 picked up his first win of the season and finished with one stop. Tech outshot the AMCATs, 18-2, and attempted 10 corners, seven in the second half.

Bingham provided the hosts with the lead after he fired home a pass from Kareem R. Itani '17 on an early

rush down the field at 8:55. Lopez-Pineda added to Tech's lead with back-to-back strikes at 12:00 and 24:12 before Bingham netted his final goal by dribbling past Anna Maria's defense late in the session to provide MIT with a 4-0 lead at the break.

MIT added to its advantage in the second half with two goals from Hong - first and second strikes of his career, both coming off crosses. Albarran registered his first goal by winding an attempt from the nearside that curved past Anna Maria junior goalkeeper Elliot Kuzma at 66:40 in the second stanza.

Tuesday's contest was the firstever meeting between Anna Maria and MIT.

Tech returns to action on Saturday, September 6 when they host Eastern Connecticut State University at 4 p.m., while Anna Maria travels to Becker College for a 2:30 p.m. start.



MIT's Sean D. Bingham '16 strikes the ball away from Anna Maria College during the first

#### **UPCOMING HOME EVENTS**

#### Saturday, September 06

Football vs. Pomona-Pitzer

Field Hockey vs. UMass Dartmouth

12 p.m., Steinbrenner Stadium 12 p.m., Jack Barry Field

Men's Soccer vs. Eastern Connecticut State University

4 p.m., Steinbrenner Stadium

Women's Soccer vs. Claremont-Mudd-Scripps 7 p.m., Steinbrenner Stadium

# Women's soccer puts up 4-0 win over Worcester State

Engineers' ranked 25th in poll from the National Soccer Coaches Association of America

**By Matt Noonan** 

DAPER STAFF

MIT's women soccer team,

ranked 25th in the nation and third in the region in the latest National Soccer Coaches Association of America (NSCAA) poll, scored three

second half goals en route to 4-0 non-conference win against Worcester State University on Tuesday evening. Co-captain Ambika M. Krishnamachar '15 registered one goal and two assists, while Olivia M. Struckman '18 and Julia M. Goupil '18 combined for three strikes.

Tech outshot the Lancers, 13-2, and attempted six corners, three

in each stanza. Lauren S. Ullmann '17 pitched her third straight shutout and turned away two attempts, both coming in the first half.

Struckman put the Engineers on the board at 21:08 in the first half when she located the back of Worcester State's goal following a pass from the left side from Krishnamachar.

Co-captain Michelle Battipa-

glia '15 helped Tech double its lead early in the second half by connecting with Krishnamachar down the left side before Struckman and Goupil padded MIT's advantage with goals at 47:41 and

MIT attempted to add to its lead following Goupil's first goal of the season, but their final two chances were turned away by Jillian Witkowski.

Tech's defense, which held their previous two opponents to just one shot in the second half, limited the Lancers' offense to no shots in the final frame.

MIT returns to action on Saturday, September 6 when they host Claremont-Mudd-Scripps at 7:00 p.m., while Worcester State hosts Rhode Island College at 12:00 p.m.

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