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Tuesday, September 30, 2014

**WEATHER, p. 2**

**TUE:** 63°F | 57°F
Chance rain

**WED:** 61°F | 56°F
Chance rainr

**THU:** 65°F | 53°F
Partly cloudy

# FNL speaks on Kendall design plan

## *Newsletter expresses approval of faculty involvement*

**By Stan Gill**
*CONTRIBUTING EDITOR*

The newest edition of the MIT Faculty Newsletter includes an editorial and article addressing the East Campus development process — both in response to the update on the plan from this summer broadcast by Provost Martin A. Schmidt PhD '88. The article, written by Architecture Department Head J. Meejin Yoon, outlines the heavy involvement of the School of Architecture and Planning (SA+P), in developing a revised vision for the design project.

The editorial both applauds the progress on the endeavor so far and criticizes the update for not acknowledging the new Campus Planning Committee dedicated to providing input to the design process.

"We regret that the Provost made no mention of the newly formed Campus Planning Committee or of its expected role in the East Campus/Kendall Square process," the editorial states.

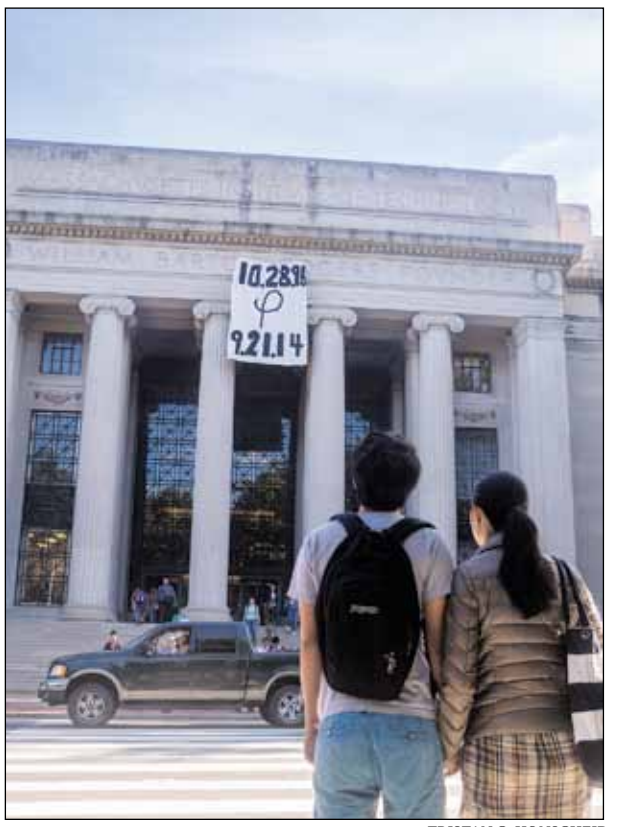
The East Campus/Kendall gateway urban design study, which has been in the works since 2009, seeks to create a revitalized gateway to the Kendall Square-East Campus area by "providing space for new innovative academic initiatives and commercial enterprises," among other things. When the MIT Investment Management Company (MITIMCo), first revealed a draft of a plan for the design, it was criticized for lack of faculty involvement in its development and for not addressing key issues such as the need for graduate housing.

Yoon's article describes the process by which faculty input was incorporated into the development plan. SA+P originally commissioned seven faculty members to serve on a committee to contribute to the East Campus plan in April 2013. While Yoon mentions that they "approached the call to action with measured skepticism," their designs were nonetheless received well by administrators on the East Campus Steering Committee and "fully embraced as part of the next iteration of the East Campus planning process."

"The planning and design process of the MIT campus is a complex one, involving dozens of stakeholders, administrators, faculty, students, and planning and design professionals," Yoon writes in the piece.

The editorial also echoes the sentiment of support for the iterative process through the praise of the inclusion of graduate housing into the development plan. Although the piece mentions that the "proposal to tear down Eastgate graduate student housing remains somewhat unresolved," the editorial committee "applauds the assertion that new housing will be built first." The editorial also cites previously published pieces on the graduate housing shortage to support the assertion that increasing the availability of graduate housing will decrease the pressure on graduate students to find housing further from campus.

"We must not knowingly increase burdens on our graduate students. Already graduate students are forced to move further away from campus and spend more time commuting," the article says.




*TRISTAN C. HONSCHEID*

**Students view a hack** on the facade of building 7 Friday morning in remembrance of Phoebe Wang.

*ILANA HABIB*

**MIT Chancellor Cynthia Barnhart shows her support** of AXO's Domestic Violence Awareness Week.

## NEWS BRIEFS

### UA Faculty in Dining Halls initiative

In an effort to increase interaction between students and faculty outside the classroom, the Undergraduate Association Committee on Education and the Division of Student Life announced a new initiative — Faculty in Dining Halls.

The program, launched on Monday, invites faculty members to join students for breakfast in dorm dining halls. The hope is that the program will provide an opportunity for students and faculty to get to know each other outside a classroom setting. Students will be able to engage faculty from all departments in casual conversations over breakfast, turning dining halls into places where students and faculty can make connections.

### Celine Liang wins 6th annual Math Prize for Girls

On Saturday, nearly 300 young women traveled to MIT's campus to compete in the annual Math Prize for Girls competition.

This year's winner was 16 year old Celine Liang, who answered 17 out of 20 questions correct for the highest score and a prize of $29,300.

The competition, now in its sixth year, is an effort to challenge gender-based stereotypes and give girls the chance to compete in an all-women environment, helping them make connections with other girls with a similar passion for math.

Competition director Ravi Boppana in an interview with the Boston Globe, "the Math Prize was created to debunk gender stereotypes and to support young women who see higher-level mathematics as a pursuit that is challenging, fun and incredibly rewarding."

Math Prize for Girls is the world's largest math competition aimed at high school girls, and awards upwards of $30,000 to its top scorers. MIT has hosted the competition for the past four years.

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## IN SHORT

**Add date is this Friday, Oct. 3.** This is the last day to add subjects to your registration. To change the status of your classes, visit *https://studentformsandpetitions.mit.edu/*.

**The Fall 2014 MIT Press loading dock sale is this Saturday and Sunday,** Oct. 4–5, from 10 a.m. to 6 p.m at 292 Main Street.

**The deadline to apply for IAP externships is Wednesday, Oct. 1 at noon.** Submit applications at *https://alum.mit.edu/students/NetworkwithAlumni/ExternshipProgram/Application.*

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

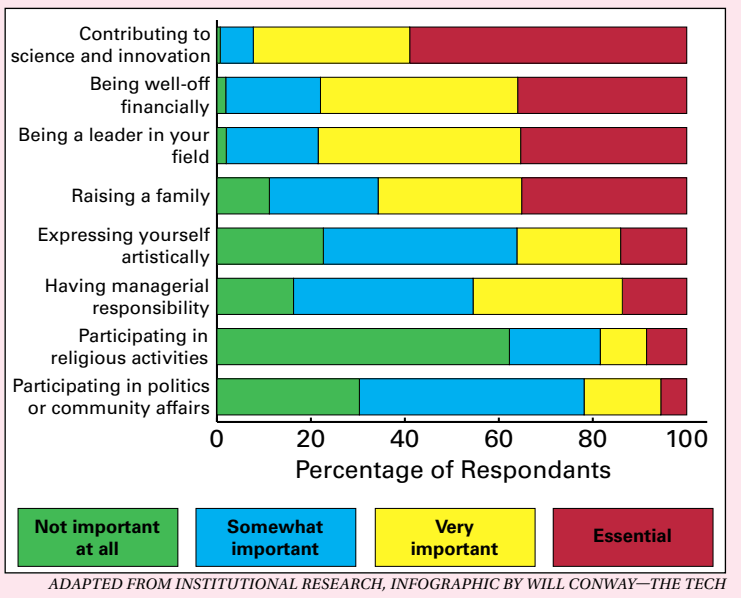
## Snapshot of First Year Survey results for Class of 2018

MIT recently administered the annual First Year Survey to members of the class of 2018. The survey aims to gain a better insight into the class's "demographic characteristics, expectations of the college experience, secondary school experiences, degree goals and career plans, college finances, attitudes, values, and life goals, and reasons for attending college," according the survey's description provided by MIT Institutional Research (IR).

This year's survey asked students to rate the importance of various aspects of their personal, academic, and professional lives, among other things.

Notably, most students ranked "contributing to science and innovation" as being of high importance among various future goals, with about 59 percent of students ranking it as "Essential." Students ranked "Participating in politics or community affairs" and "participating in religious activities" as much less important. The former was "Essential" to just 5.5 percent of respondents, while the latter was ranked "not important at all" by a majority of the students surveyed.

*—William Navarre*




*ADAPTED FROM INSTITUTIONAL RESEARCH, INFOGRAPHIC BY WILL CONWAY—THE TECH*

**RESPONSES TO FREZZA'S CONTROVERSIAL OPINIONS**

A sorority sister questions our college culture. **OPINION, p. 4**

**HOW SCREWED IS THE EARTH?**

One man's experience marching for climate change. **CAMPUS LIFE, p. 9**

**CRICKET MAKES A COMEBACK**

MIT comes out on top after previous losses. **SPORTS, p. 16**

**MASTERING GRE VOCABULARY**

Side-effects may include your friends losing the ability to comprehend you. **FUN, p. 7**

**A NIGHT AT THE SYMPHONY**

Boston Symphony Orchestra's Fall season premiere does not disappoint. **ARTS, p. 8**

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## 15 people wounded in shooting at Miami nightclub

Fifteen people were shot and wounded, one critically, at a nightclub in Miami early Sunday, officials said.

The victims ranged in age from 11 to 25, said Frederica Burden, a spokeswoman for the Miami police.

Burden said the shooting took place around 1 a.m. at a nightclub called the Spot, near Seventh Avenue and Northwest 64th Street, about four miles north of downtown Miami.

The police were investigating the shooting and looking into why juveniles were there at that hour of the night, Burden said.

*—Emma G. Fitzsimmons, The New York Times*

## In China, a glut of black-market iPhones and a glum new reality for Apple

HONG KONG — When Apple's latest iPhones went on sale this month in Hong Kong, Singapore and New York, among the hip urbanites and tech-obsessed was another group clamoring for the devices: Chinese scalpers looking to make a premium by flipping the phones to smugglers.

But the gray market for the new iPhones has dried up, even though they will not officially go on sale in China for a few weeks, at the earliest.

Wholesalers who helped orchestrate the smuggling of tens of thousands of the phones into the country are slashing prices to move inventory. At an electronics market in central Beijing, one retailer was recently selling the iPhone 6 and 6 Plus for 6,500 renminbi to 8,800 renminbi ($1,060 to $1,436), down from 12,000 renminbi to 15,000 renminbi ($1,960 to $2,450) just after the release.

"Stocks of the iPhone 6 are way too high right now," said one wholesaler of smuggled iPhones in Beijing's northwestern tech hub Zhongguancun.

The smugglers' experience represents the new reality for Apple in China.

Four years ago, the iPhone 4 was a status symbol, with the black market booming before the product was officially introduced. Today, the iPhone is simply one option among many, as local companies like Xiaomi and Meizu Technology rival Apple in terms of coolness while charging less than half the price.

*—Paul Mozur and Shanshan Wang, The New York Times*

## Obama acknowledges US erred on Islamic State

WASHINGTON — President Barack Obama acknowledged in an interview broadcast Sunday that the United States had underestimated the rise of the Islamic State militant group, which has seized control of a broad swath of territory in the Middle East, and had placed too much trust in the Iraqi military, allowing the region to become "ground zero for jihadists around the world."

Reflecting on how a president who wanted to disentangle the United States from wars in the Middle East ended up redeploying to Iraq and last week expanding air operations into Syria, Obama pointed to assessments by the intelligence agencies that said they were surprised by the rapid advances made in both countries by the Islamic State.

"Our head of the intelligence community, Jim Clapper, has acknowledged that, I think, they underestimated what had been taking place in Syria," Obama said on "60 Minutes," referring to the director of national intelligence. Obama added that the agencies had overestimated the ability and will of the Iraqi army to fight such Sunni extremists.But he rebutted critics who say his refusal to intervene more directly in the Syrian civil war and his decision to pull all U.S. troops out of Iraq in 2011 had created conditions that allowed the rise of the Islamic State.

*—Peter Baker and Brian Knowlton, The New York Times*

# SCOTUS blocks order restoring early voting in Ohio

**By Adam Liptak**
*THE NEW YORK TIMES*

WASHINGTON — The Supreme Court on Monday blocked an appeals court ruling that would have restored seven days of early voting in Ohio.

The Supreme Court's order was three sentences long and contained no reasoning. But it disclosed an ideological split, with the court's four more liberal members noting that they would have denied the request for a stay of the lower court's order extending early voting.

Dale Ho, a lawyer with the American Civil Liberties Union, said the court's action "will deprive many Ohioans of the opportunity to vote in the upcoming election as this case continues to make its way through the courts."

The ruling, which reflected a partisan breakdown in many court decisions nationwide on voting issues, saw the five Republican-appointed justices uphold the voting restrictions enacted by the state's Republican-controlled Legislature in February. The new limits removed the first week of Ohio's 35-day early voting period, in the process eliminating the only week that permitted same-day registration, a feature most often used by minorities.

Last Wednesday, a three-judge panel of the 6th U.S. Circuit Court of Appeals, in Cincinnati, ordered officials in Ohio to let voters start casting ballots on Tuesday. The panel reasoned that cutting back on early voting at polling places placed a disproportionate burden on poor and black voters.

The panel said it was mindful that Ohio allows voting by mail throughout the contested period. "The presence of vote by mail undoubtedly ameliorates some of the burdens on voting," Judge Karen Nelson Moore wrote for the panel. But she added that "African-Americans, lower-income individuals and the homeless are distrustful of the mail" or "would prefer to vote in person for unrelated reasons."

State officials filed an emergency application with the Supreme Court on Thursday, asking the justices to block the order of the appeals court. They said that "Ohio is a national leader in making voting easy," noting that it continues to offer early voting at polling places on 22 of the 28 days before Election Day.

Some 17 states offer no early voting, the state's brief said, and the median number of days offered by those that do is 11. "All told, Ohio offers more early voting options than 41 other states and the District of Columbia," the brief said.

The appeals court's basic error, the brief said, was measuring opportunities to vote against what Ohio used to allow as opposed to an objective general benchmark. "This old-to-new comparison," the brief said, was imported from Section 5 of the Voting Rights Act, which required federal approval of changes to voting procedures in states with a history of racial discrimination.

The Supreme Court effectively eliminated Section 5 last year in Shelby County v. Holder. The parts of the Voting Rights Act that remain intact call for a different inquiry, one focused on whether adequate opportunities to vote remain, the brief said

# Racketeering trial opens in Atlanta Schools cheating scandal

**By Richard Fausset**
*THE NEW YORK TIMES*

ATLANTA — The criminal trial of a dozen public school educators opened here Monday with prosecutors alleging that the teachers and administrators had engaged in a "widespread, cleverly disguised" conspiracy to cheat on standardized test scores in an effort to protect their jobs and win bonuses.

The trial is expected to last more than three months. But the broader cheating scandal has consumed this city for more than five years, and it has raised questions nationally about the wisdom of using standardized tests to judge schools and teachers, and of doling out performance bonuses to educators who meet test-score benchmarks.

In a lengthy opening statement, peppered with both slangy Southernisms and pointed indignation, Fani Willis, an assistant district attorney in Fulton County, argued that the educators had violated Georgia's RICO statute, by using the "legitimate enterprise" of the school system to carry out the illegitimate act of cheating.

Whistle-blowers who raised questions about unlikely spikes in test scores were punished within the school system, Willis said, while cheating parties were held in which educators erased wrong answers and replaced them with correct ones.

Like all of the defendants — and like a majority of Atlanta residents — Willis is African-American. And she noted that many of the victims of the crime were struggling black students who would have been eligible to receive "millions" in federal aid for tutoring, but never received the money because test scores showed they were meeting or exceeding grade-level expectations.

Whether prosecutors will be able to convince a jury that a group of teachers engaged in racketeering has been a topic of great debate within Atlanta legal circles, and the outcome of the trial is likely to define the legacy of District Attorney Paul L. Howard, Jr., who has served as Fulton County's top prosecutor since 1997.

The district attorney's official website describes him as "a visionary and trailblazer whose innovative ideas have left an indelible mark on the local justice system and on the community at large."

So far, the case has proved to be an immensely complex undertaking. After taking the bench, Judge Jerry Baxter, a gangly, balding man with a red satin bow tie, showed attorneys a white T-shirt that he said he may give out as a "dubious achievement award" to some unlucky lawyer by the end of the proceedings.

"Help I'm talking and I can't shut up," the shirt said.



WEATHER

# Arrival of October heralds transition to autumn

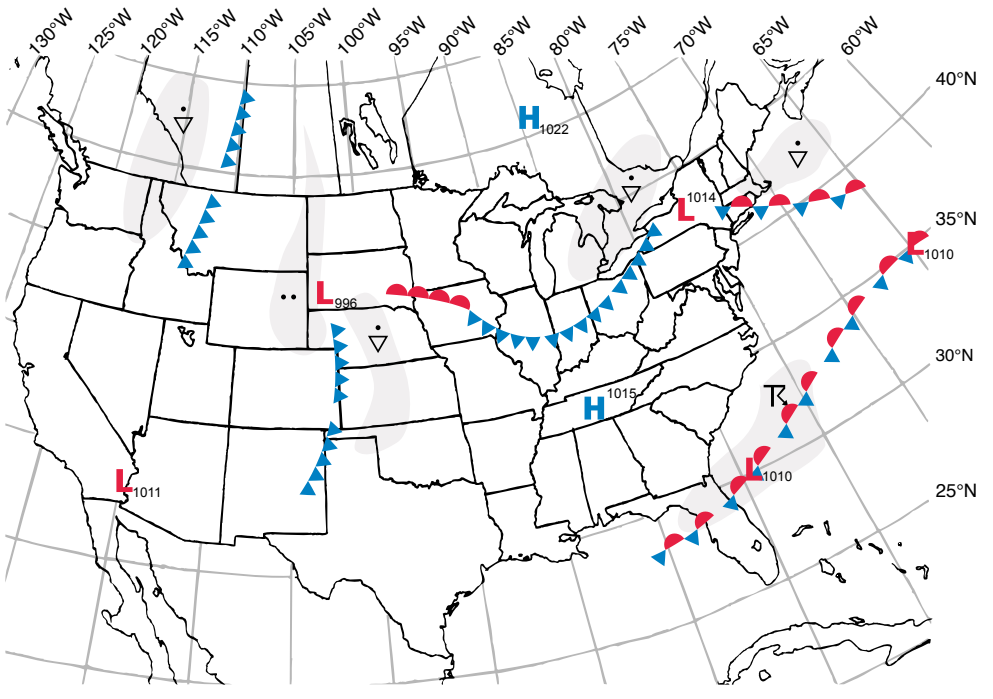
**By Vince Agard**
*STAFF METEOROLOGIST*

As September ends, the weather patterns in New England are undergoing a transition from a summer-like pattern, in which forecasts are dominated by sunshine and sea breezes punctuated by occasional showers, to a more fall-like pattern, in which temperatures and precipitation begin to fluctuate more wildly with the comings and goings of frontal systems. October also signals a general cool-down: While temperatures in Boston reached 87°F (31°C) this past Sunday, normal high temperatures will dip down to the mid-50s °F by the end of the month.

The transition to cooler temperatures begins now, with highs not expected to exceed 70°F for the rest of the week. Sea surface temperatures off the coast of New England remain relatively moderate at this time of year, so onshore flow will keep temperatures in Cambridge at or around 60°F (16°C). A low pressure system off the coast will keep the chance of rain in the forecast for today and tomorrow. A brief warm-up is expected on Friday before the next storm moves through on the weekend.

### Extended Forecast

**Today:** Partly cloudy with possible showers, high 63°F (17°C). Winds NE at 5-10 mph.
**Tonight:** Mostly cloudy with possible showers, low 56°F (14°C). Winds NE at 5-10 mph.
**Tomorrow:** Mostly cloudy with possible showers, high 61°F (16°C). Winds NE at 5-10 mph.
**Thursday:** Partly cloudy, highs in the mid 60s °F (18°C).
**Friday:** Sunny, highs in the upper 60s °F (20°C).



# Deaths tied to flawed GM ignition rise to 23

**By Hilary Stout**
*THE NEW YORK TIMES*

The number of deaths linked to General Motors' defective ignition switch has risen again — to 23, according to figures posted Monday by the program set up to compensate victims.

The program, overseen by Kenneth R. Feinberg, the victim compensation specialist, is sending its first letters with payment offers to more than 30 families that have filed death and injury claims, said Camille Biros, the deputy administrator of the program.

The family of a Pennsylvania boy who was gravely injured in an 2009 accident that killed his great-grandmother and 13-year-old aunt said Monday that it would accept the program's offer, although it would not divulge the amount of the award.

A week before his first birthday, the boy, Trenton Buzard, was riding in his car seat in the back of a Chevrolet Cobalt driven by Esther Matthews, 73, his great-grandmother, when it collided with an oncoming vehicle in Knox, Pennsylvania. The air bags did not deploy, and Matthews and her granddaughter, Grace Elliott, 13, were included in GM's initial estimates of 13 deaths linked to the ignition switch defect, which can cause a moving car to suddenly lose power, disabling air bags and impeding power steering and brakes.

GM has acknowledged that some of its engineers knew about the problem for more than a decade before the company disclosed it publicly this year and began recalling 2.6 million cars.

Trenton spent four months in a pediatric intensive care unit and has been in and out of the hospital since. Today he is paralyzed from the waist down and moves about in a wheelchair or by using his arms to drag his body.

His father, Robert Buzard, a truck driver, said that the payment would give the family peace of mind.

"I feel a lot better knowing that we are not going to have to struggle to help Trenton live his life as normally as possible," Buzard said in an interview. "I never knew if I could buy him that $80,000 wheelchair van or the lifts and the chairs that the insurance company wouldn't cover. It is a relief."

"But," Buzard added, "it doesn't give back the things he has lost. It doesn't take back what has happened. It doesn't make everything right. It's still wrong."

Trenton, now 6, attends kindergarten with a nurse. He loves sports, his father said, and spends hours watching football and wrestling on television or playing simulated games on the Xbox video console. At recess, his classmates give him a football and push his wheelchair to the end zone, his father said.

"He wants to run like the other kids and score touchdowns like them," Buzard said. "That is forever gone."

Thirty-nine claims have been determined to be eligible for payments from the company. As of Friday, the program had received 867 claims, including 153 for deaths. Biros said that the fund had officially rejected about 40 of the total claims. The others were still under review, most of them awaiting more evidence that the faulty ignition switch was a factor in the crash.

# Hong Kong protesters defy officials' call to disperse

**By Austin Ramzy and Alan Wong**
*THE NEW YORK TIMES*

HONG KONG — A wave of protest in Hong Kong further engulfed the city Monday as thousands of residents defied a government call to abandon street blockades, students boycotted classes and the city's influential bar association added its condemnation of a police crackdown on protesters.

The continued public resistance underscored the difficulties the Hong Kong government faces in defusing widespread anger that erupted Sunday, after police used tear gas, pepper spray and batons to break up a three-day sit-in by students and other residents demanding democratic elections in the semiautonomous Chinese territory.

On Monday afternoon, the Hong Kong government canceled the city's annual fireworks show to mark China's National Day, which falls on Wednesday — an implicit acknowledgment that officials expect the protests to continue for days.

The police crackdown Sunday not only failed to dislodge protesters from a major thoroughfare in the heart of Hong Kong but appeared Monday to have motivated more people to join the student-led protests. A government announcement that the riot police had been withdrawn from the protest centers also seemed to open the door to growing demonstrations. The number of protesters, which had ebbed overnight, swelled again by midday Monday, as office workers in slacks and dress shirts mixed with crowds of students in black T-shirts.

Unrest in Hong Kong, a semiautonomous Chinese territory and global financial hub, could lead to a long confrontation between the government and demonstrators.

Hong Kong, a British colony until 1997, when China resumed sovereignty, has operated under a policy of "one country, two systems."

The city maintains an independent judiciary, and residents enjoy greater civil liberties than residents of mainland China. Hong Kong has a robust tradition of free speech.

Democratic groups say Beijing has chipped away at those freedoms, citing an election law proposed last month that would limit voting reforms.

China had promised free elections for Hong Kong's chief executive in 2017. But the government rejected a call for open nominations of candidates, instead proposing that candidates would continue to be chosen by a committee dominated by Beijing.

The current city leader, Leung Chun-ying, has clashed with the pro-democracy opposition. After the crackdown on protesters Sunday, some called for his resignation.

Many of the new arrivals said they were angered by the police's actions Sunday, which they called excessive.

# Vatican investigating convicted US bishop

**By Michael Paulson**
*THE NEW YORK TIMES*

The only U.S. bishop ever convicted of shielding a pedophile priest is now under investigation by the Vatican.

The leadership of Bishop Robert W. Finn, who heads the diocese of Kansas City-St. Joseph in northern and western Missouri, is being reviewed by a Canadian archbishop, Terrence Prendergast of Ottawa, at the request of Pope Francis.

Finn was convicted in 2012 of a misdemeanor for failure to report to law enforcement that a priest had taken pornographic pictures of young girls. He was sentenced to two years of probation, and, earlier this year, his diocese was fined $1.1 million after an arbitrator determined that the failure to report the priest had violated terms of an earlier settlement with abuse victims.

The Vatican investigation, formally called an apostolic visitation, was first reported by the National Catholic Reporter, and was confirmed by a spokesman for Finn.

"Bishop Finn was notified of the process in advance by the apostolic nuncio," said the spokesman, Jack Smith. The apostolic nuncio is the pope's representative to the United States.

"He cooperated with the process, and was obligated by the terms of the visitation not to speak of it to anyone," Smith said, adding, "I don't know where it goes from here, and it's hard to comment further because it's supposed to be a secret process."

A spokeswoman for the investigator, Prendergast, said only, "The archbishop considers it a private visit, so we have no comment." The Vatican declined to comment, according to a spokesman, the Rev. Thomas Rosica.

Multiple priests have been defrocked, and some have been convicted, for abuse-related crimes, and some bishops have resigned over their own sexual misconduct. But few bishops have been held accountable for failing to remove abusive priests from ministry, to the consternation of victim advocates.

Francis has signaled that he expects to change the church's approach to disciplining bishops, telling reporters in May, "Right now three bishops are under investigation," and adding, "There is no special treatment."

In recent days, the Vatican has disciplined two bishops. Last week, Francis ousted a bishop in Paraguay, Rogelio Ricardo Livieres Plano of the diocese of Ciudad del Este. The Vatican cited "pastoral concerns" as the reason for the ouster; among the criticisms of Livieres was an accusation that he had protected a priest accused of molesting seminarians.

# United's deal with Uber raises concerns

United Airlines has been reprising its old advertising slogan about the "friendly skies." But some airports think the airline was a bit less than friendly when it formed a partnership with the ride-sharing company Uber without seeking airport input.

At a recent aviation industry conference, Jeffrey T. Foland, United's executive vice president for marketing, was extolling the airline's promotions on friendliness, its profitable focus on high-yield passengers and strategic capacity reductions, and its initiatives in mobile technology — including an app in which passengers with iOS and Android mobile devices can book Uber rides when making United reservations.

One airport executive took issue with what some have seen as a unilateral move by United to link up with Uber, even as airports are struggling with whether, or how, to accommodate such rapidly expanding competitors to traditional taxi, limousine and other ground-transit services.

Why would United be so quick to welcome Uber when "a lot of airports in the United States are against Uber, also because the drivers are not vetted and not regulated?" Victoria Jaramillo, the marketing director at the Greater Orlando Aviation Authority, asked Foland at the Boyd Group International Aviation Forecast Summit in Las Vegas.

"I was wondering if that question would come up," Foland said.

He replied that United was merely responding to customer demands for mobile technology and "emerging views of the marketplace." With its Uber app, "we want to provide functionality. Our customers want it. They told us they like it and they're using the product," he said.

While Uber and other sharing services like Lyft may well be an irresistible force, airports say they do not intend to be an immovable object. Just last week, for example, Nashville International Airport became the first U.S. airport to officially recognize Uber and Lyft. The airport negotiated a deal in which the services must obtain permits and pay airport fees to pick up passengers curbside at designated airport locations.

"Airports welcome anything that helps them provide better customer service," said Tom Devine, the general counsel for Airports Council International-North America, a trade group.

He pointed out that airports don't refer to Uber and the like as ride-sharing services but rather as "ride-booking services," to more precisely define the commercial nature of the upstarts.

*—Joe Sharkey, The New York Times*

# After fire, Chicago flight delays bleed into third day

CHICAGO — Air travelers here were bracing for the possibility of more problems as a new week began, three days after a fire at an Illinois air traffic control center halted flights in Chicago.

Hundreds of flights were canceled or delayed at two of the nation's busiest airports — O'Hare International Airport and Midway International Airport — on Friday after a contract employee started a fire at a radar control center in Aurora, about 40 miles west of downtown Chicago. Federal Aviation Administration officials were able to turn over to other regions portions of airspace usually overseen by air traffic controllers at the damaged facility, but fewer flights than usual were permitted into Chicago over the weekend.

On Sunday, more than 550 flights were canceled at O'Hare and 55 at Midway, officials reported, but the FAA said that it expected a "substantial increase in operational capabilities" by Monday.

At the height of the problem late Friday afternoon, officials reported that about 1,950 flights in and out of Chicago had been canceled.

Brian Howard, 36, of Naperville, Illinois, the contract employee accused of starting the fire, has been charged with one count of destruction of aircraft or aircraft facilities, a felony.

*—The New York Times, The New York Times*

# In Pakistan's tribal north, US drone strike kills 4

ISLAMABAD — A U.S. drone strike in northwestern Pakistan killed at least four people suspected of being militants, Pakistani officials said Sunday.

The drone strike occurred Sunday afternoon in Karikot in the South Waziristan tribal region. A vehicle parked near a house was the target, a local administration official said on the condition of anonymity because he was not authorized to talk to the media. Two of those killed were believed to be citizens of Arab nations. Their identities could not be immediately confirmed.

This was the second U.S. drone strike within a week and the first strike in South Waziristan in almost a year.

Last Wednesday, a drone strike in Dattakhel, in the adjacent North Waziristan tribal region, killed at least 10 people who were thought to be militants.

The Pakistani military is currently engaged in an offensive against militants in North Waziristan. On Sunday, the military said that fighter jets had killed at least 15 militants in airstrikes on five hide-outs in the Shawal area of North Waziristan.

The Pakistan military claimed success in its campaign against militants in South Waziristan after a '09 military offensive, but the militants still have a presence in the region.

Drone strikes are extremely unpopular in Pakistan, where they are viewed as a breach of the country's sovereignty by the United States. Human rights activists have also criticized the drone strikes, claiming that they have resulted in a large number of civilian casualties. The activists and the Pakistani government do not agree on the toll.

The number of drone strikes has decreased in recent months, but U.S. officials have dismissed the idea that the classified drone program focusing on the volatile northwestern Pakistani tribal regions will be halted.

U.S. officials emphasize that remotely piloted drones are an essential weapon in the hunt for militants in areas where ground troops cannot operate.

*—Salman Masood, The New York Times*

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GUEST COLUMN

# The gravest threat to Greek life

## *Addressing toxic aspects of MIT culture*

**By Taylor Rose**

I am an MIT student, self-declared feminist, and proud sorority woman. I have been given so much as a student, leader, and woman from my sorority. But I'm tired of the inherent sexism present in the Greek system that overarches my sisterhood.

On September 23, Bill Frezza, an MIT alumni and chapter alumni president, published an article on Forbes' website about the threat that "drunk females" pose to fraternities. Frezza brings up some relevant, understandable points: the drinking culture in American colleges has become one of binge-drinking hard alcohol; we live in a hyper-litigious world and everyone should be cognizant of that; personal responsibility has largely been forgotten.

Yet at the core of his argument appears to lie a disdain and disrespect for women. It is apparently women's fault that MIT's fraternities are currently under a Boston-, and subsequently MIT-, required party ban, that pre-gaming is a problem, and that rapes are reported and prosecuted on college campuses. He seems to shout, "How dare they?" while pointing fingers at women across college campuses.

Public leaders are realizing that universities have been failing the 1 in 5 women who are sexually assaulted during their collegiate years. After a slew of horror stories, senators, campus administrators, and students alike are standing up and saying that sexual assault needs to be addressed.

Yet Frezza appears to disagree. Women, in his opinion, are not friends, significant others, or siblings of fraternity members. They're something to "protect against." They're something that fraternity men "have very little control over." While the public may cast women as "sympathetic victims," "all it takes is one [woman] to bring an entire fraternity system down."

His reasons to believe that women are graver threats to fraternities than men? Women are more likely to pregame. They drink, fall, get hurt and litigate. If you have sex with them while they're intoxicated, they will accuse you of rape and prosecute you.

All of these statements are untrue, rooted in a culture of sexism and victim-blaming. And yet I have had MIT men and women tell me that they don't disagree with him and his viewpoints.

I question the culture that the college environment, and subsequently Greek life, has created when young women believe that other women are intentionally falsely accusing fraternity men of rape. I question a culture in which men feel a need to protect their organization against people of one specific gender, rather than all drunk college students. I question the culture when students are accepting and agreeing with fingers pointed against people hurt in rapes, falls, and accidents.

Rather than blaming women or fraternity men, we need to open the dialogue about the culture of binge-drinking, sexual violence, and misogyny that has arisen around Greek life on campus.

The problems Frezza and the national media are discussing are not isolated incidents.

I've had Everclear and Nyquil slipped into my drinks at parties.

I have at least 10 friends who have been sexually assaulted at or after a party.

I've had female friends forced to drink at parties until they blacked out.

I'm tired of these issues being swept under the rug as "risk" or "women's issues." I'm tired of being told that they're not important. I'm fed up of having to think about protecting myself from my classmates if I choose to go to a party and have a drink.

Let's begin a campus-wide dialogue that forgets about blame and focuses on solutions; that questions, like Frezza did, why college students binge drink at higher levels now than ever before; that really asks whether the Greek system is increasing rapes and sexual assaults. The growing activism about campus drinking, sexual assault, and Greek organizations isn't something that should incite fear or anger. It's an opportunity for college students to stand up and say that this is not okay — and that they won't stand for it anymore.

*Taylor Rose is a member of the Class of 2016.*

## CORRECTIONS

The InShort section of Friday's issue misstated the date of Add Date. It is Friday October 3, not October 4.

## 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.

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# Can fraternities be feminist?

## *After Frezza, MIT fraternities should make their stances clear*

**By Austin Hess**
*EDITOR IN CHIEF*

*The Tech* received an email from William A. Frezza '76 a bit over a week ago containing a submission to our opinion section asserting, "Drunk coeds represent the gravest threat to fraternities." Identifying himself as the "president of the alumni house corporation" of MIT Chi Phi, he portrayed female undergraduates as the true cause of accidents at fraternities, universally hapless beings unable to consume alcohol responsibly, and a steady source of "false rape accusations."

*The Tech* declined to publish the piece, which was both offensive and inaccurate. Frezza published a slightly toned-down version on Forbes, which then promptly took it down and fired him, but not before the piece launched an online firestorm lampooning the MIT alum.

Frezza's sentiments are certainly not original — thinly veiled victim blaming is pervasive from students to politicians and sadly common among both men and women. What is far more troubling, however, is that he presents almost without pretense the fact that he cares far more about preventing the dissolution of his fraternity than preventing whatever sort of accident or incident that would cause such an outcome.

Those who concede that Frezza has "a few good points" peppered throughout his sexist essay forget that he makes his half-hearted suggestions for harm reduction only in the context of reducing fraternity liability. An actual line: "Although we were once reprimanded for turning away a drunk female student who ultimately required an ambulance when she passed out on our sidewalk, it would have gone a lot worse for us had she collapsed inside."

But no reason to waste words refuting Frezza's points. I am somewhat glad the piece was published, after all, because it provides a grotesque caricature of the entrenched proponents of sexism more poignantly than any *Onion* article.

> **Frezza presents without pretense the fact that he is more concerned with avoiding suspensions than accidents.**

But the fact that Frezza ever became the alumni president of Chi Phi begs troubling questions.

Is Frezza's concern for preventing suspension over preventing rape or fatal accidents shared by others in the MIT fraternity system? Frezza said that one of his responsibilities was to work with Chi Phi brothers "to identify and manage risks," raising the concerning possibility that the ubiquitous "risk managers" at fraternity parties might not be trained to prioritize the health of their guests.

How many others in MIT's fraternity system secretly share such regressive views but simply have the prudence not to express them publicly? How often are such views perpetuated in new member education programs, or by alumni who should be serving as mentors?

I expect those within the MIT fraternity system to say that Frezza was an aberration, and I sincerely hope they are right. But the image of a wholesome group of brothers tied together by core values — the image of fraternities fed to freshman men (and their parents) during rush just weeks ago — is at odds with Frezza's portrayal of full houses a few drunk miscalculations away from disaster.

And as Frezza himself demonstrated, any claim that there are no longer those with sexist, regressive, and outright dangerous views in the MIT fraternity system must be met with suspicion.

By asking these questions, I absolutely do not mean to imply that Frezza's views are shared by most undergraduates in MIT fraternities or that his characterizations of MIT fraternities are accurate.

But if this majority allows those with regressive views to continue unabated, the worst aspects and members will continue to dominate the oft-sensationalized public narrative and may disproportionately influence actual fraternity culture.

Most fraternities will avoid tragic accidents. And the Frezza-induced media buzz is already dying down. But merely avoiding a public blunder or avoiding sanctions is an insufficient goal.

If MIT fraternities are as different from the stereotypical image of the state school frat as both their members and MIT admissions assert, standing still on matters of safety and consent is not an option.

Fortunately, fraternities do have the kind of power to shape their own image as well as the invaluable opportunity to educate their new members. Is it unreasonable to hope that fraternities adopt a strong stance — internally and externally — in favor of feminism? Not merely in platitudes and public statements, but in real, measurable actions?

Fraternities are uniquely positioned to aid the cultural shift required to transform opposing sexism from a laughable notion or cheap bogeyman into a core value for their members. And MIT fraternities, which pride themselves as being rather distinct institutions and home to so many future leaders, should be even better situated to do so.

> **Fraternities are uniquely positioned to aid a cultural shift in their members' views on sexism, especially at MIT.**

This is not to ignore the efforts of many fraternity members who already take strong positions and actions to promote social justice and safety. But doing so on an institutional scale would require serious introspection and self-examination by MIT fraternities and cannot stop with good intentions.

Frezza and his ilk do not define MIT fraternity culture, but he serves as a stark symbol of why fraternities themselves must be proactive in leaving no ambiguity — to their own members and the outside world — that the views and behaviors he represents must be left behind.

**Have something to say?**

**Write opinion for *The Tech*!**

*opinion@tech.mit.edu*

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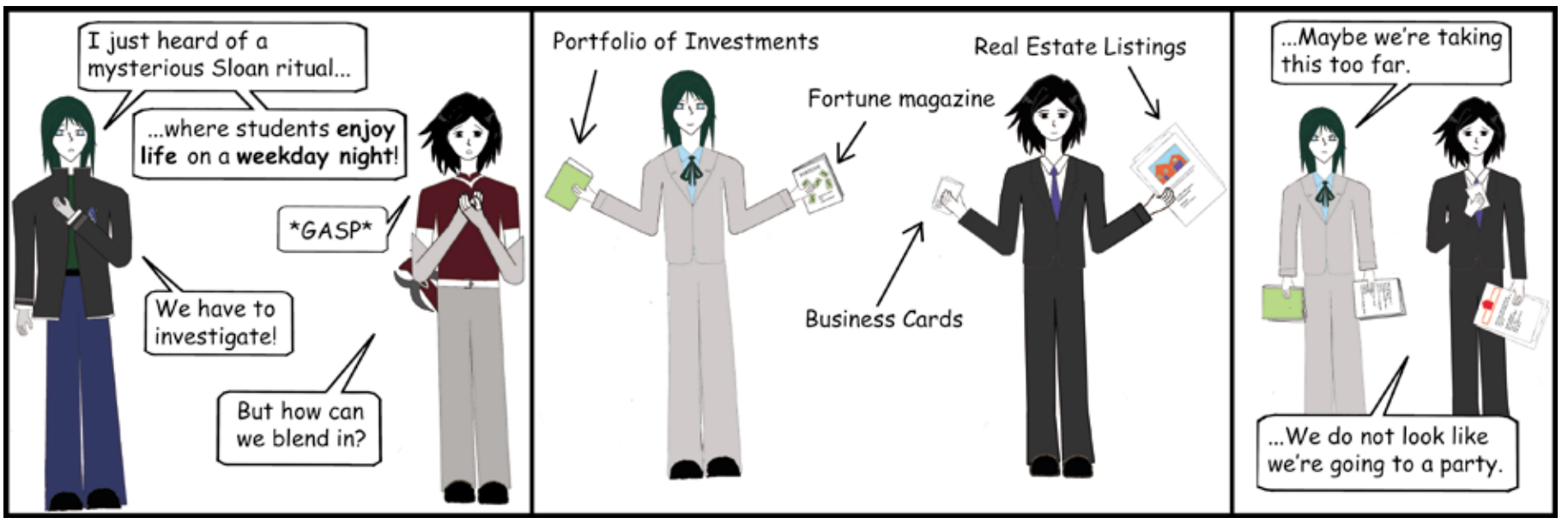
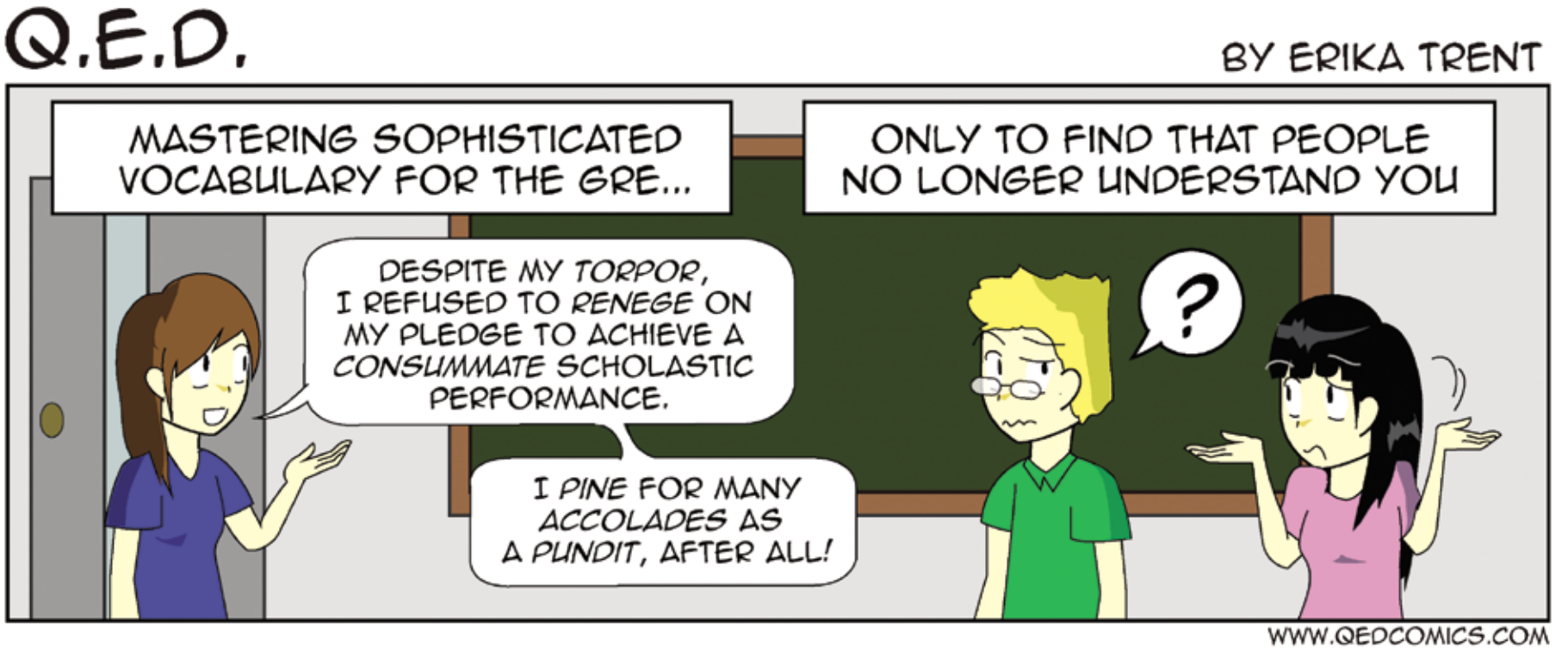
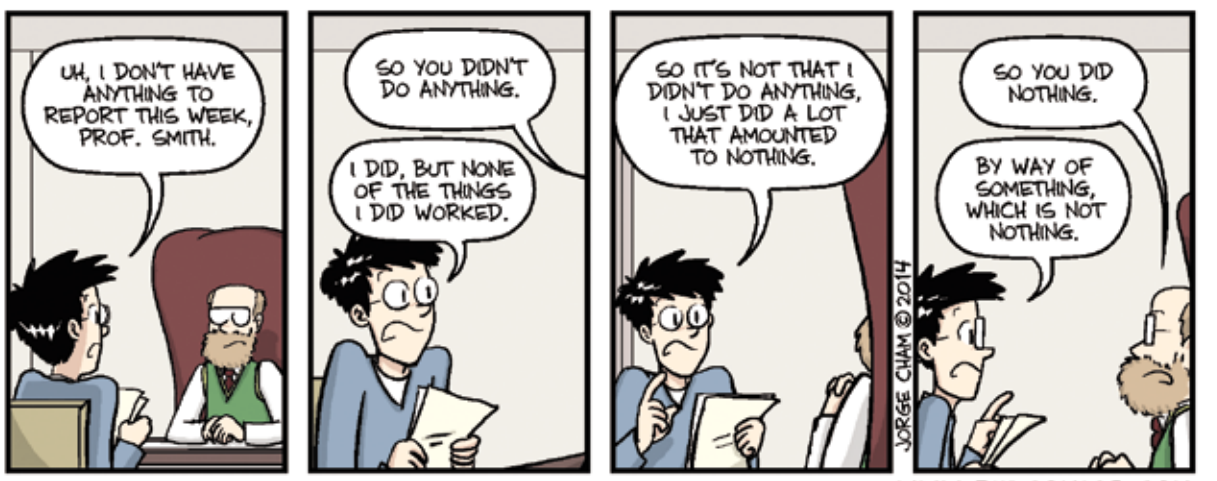
# Somewhere on the Search for Meaning... by Letitia Li







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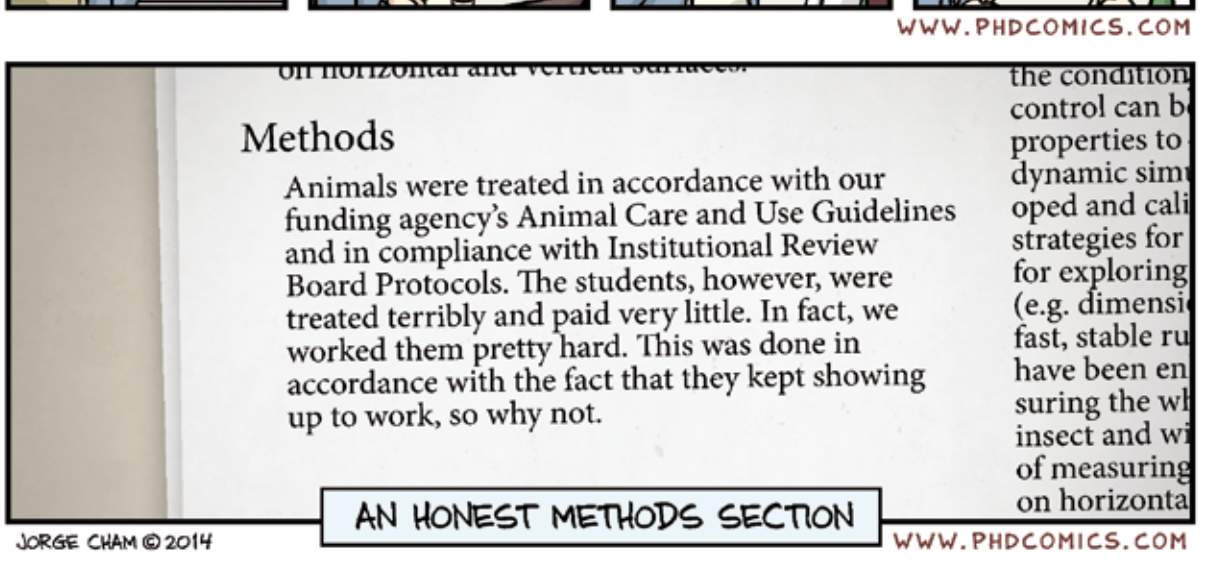

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REVIEW

# Lehninger leads impeccable BSO

## Season premiere sets the tone for the BSO's 134th season

**By Dario Garcia-Dominguez**

Marcelo Lehninger, the young Brazilian-born Associate Conductor of the Boston Symphony Orchestra proved himself worthy of widespread praise Saturday night. Leading the BSO through program centered around Beethoven's Symphony No. 5 in C Minor Op. 67, Lehninger captivated the audience's imagination and left them awestruck.

Obviously the BSO had worked extensively with Beethoven's Fifth Symphony, as the other pieces appeared to be small time-commitments compared to this massive undertaking. Excellence showed through in both Lehninger's interpretation and the execution by the BSO. The balance between instruments, the timing between phrases, the juxtaposing moods and the numerous colors were all perfectly chosen and incredibly precise, yet they offered a breath of fresh air through Lehninger's youthful interpretation.

The BSO's performance was nothing less than stellar. Beethoven's famed commanding "fate" opening four-note motif shook the building to its core. His timid transitions begged for sympathy, but any

**His timid transitions begged for sympathy, but any sign of humility was thrown away in seconds.**

sign of humility was thrown away in seconds with cascading minor strings and exploding horns. The performance was captivating for the entirety of the symphony until the tantalizing and drawn-out conclusion. With this spectacular and moving performance, the BSO confirmed the Fifth Symphony as a classic that deserves its rightful place in orchestral repertoire.

As with many famous pieces, classical aficionados have strong opinions on how a piece should be performed. However, Lehninger went above and beyond the audience's preconceptions and received, unsurprisingly, a lengthy standing ovation. Lehninger had the perfect character in mind for the symphony: expressive but not exaggerated, pompous yet humble when necessary, clean phrasing with bipolar mood swings. The BSO flourished under his command and the result was an extremely satisfied audience.

Prior to the intermission, Lehninger paid tribute to his home country with a beautiful piece by Heitor Villa-Lobos: "Bachianas brasileras" No. 5. The unique ensemble of singer Nicole Cabell and eight cellos was surprisingly coherent and moody, with the cellos providing the texture and accompaniment as well as the occasional counter melody and the singer exhibiting acrobatics above the undulating accompaniment.

"Bachianas brasileiras" No. 5 was extremely captivating, with marked changes in character when the singer is instructed to sing *bouche fermée* ("with mouth closed") during "Aria (Cantilena)". The "Danca (Martelo)" movement was a beautiful yet unsure butterfly who explodes a section of elation and color. Without a doubt, Villa-Lobos crafted a masterpiece with this strange ensemble.

Lehninger opened the program with the Mozart "Sinfonia Concertante" in E-Flat for Oboe, Bassoon, Horn and Clarinet, K.297b. Here the audience was presented with an interesting ensemble with roots in the Baroque Concerto Grosso, all while in a familiar Mozartian territory. Light, whimsical melodies and short counterpoint lines were passed between the concertino.

Interesting texture contrasts were created in the transitions from the bubbling bassoon to the stately horn. Unfortunately, the piece suffered from a lack of harmonic ambition, and many scholars believe that Mozart himself did not write it. However, with such an exciting season premiere, the BSO certainly set the stage for an amazing season ahead.

REVIEW

# Off to the symphony

## The BSO Fall 2014 season begins

**By Ashley Wang**

Last Saturday evening I had the pleasure of watching the Boston Symphony Orchestra's 2014 Fall Season premiere. But before I got there, I had to actually get there, a process that no one had really explained to me before. So, for all the other hapless fools like me out there, here is how to get a ticket to watch a BSO performance.

First, MIT students need to get a college card, which are sold for $5 at CopyTech, located in the basement of Lobby 7. Bring these college cards to the BSO Box Office in Boston to get leftover tickets for performances that haven't sold out yet. Some college card tickets run out within the first few days, and some tickets are available up until 7 p.m. on performance nights.

Tickets sales end at 7 p.m., even if the concert isn't until 8 p.m. The doors open only at 7 p.m., though, so unless you have time to explore the plethora of restaurants in the area, you will be stuck wandering around for a while. Or, like me, you can hide in the empty underground Green Line T-station and play mobile games for a while.

Once I finally made it to the BSO, however, the program was an absolute treat. The opening piece, "Sinfonia concertante" had a hilarious description in the program. As it turns out, Mozart may not have written the piece at all. Some scholars believe that the writing for solo instruments is characteristic of Mozart's style, but others insist that the music simply isn't good enough to be Mozart.

After hearing the piece performed, I found merits in both arguments. The melodies for the wind instrument solos were detailed and fascinating — the orchestral parts much less so. In fact, the wind instruments simply shined in this piece, something that became obvious as soon as the flautist began his solo in the first movement. The wind soloists were quirky and interesting, and I was glad to see them return in full force in the third movement. The orchestra parts were not as memorable, but I was still impressed with how great and perfectly in tune they sounded.

To illustrate how perfect they sounded, know this — the acoustics of the Symphony Hall are often praised as one of the best classical concert venues in the world. Even sitting 20 or so rows back, I could hear the lightest touch of a bow on a string, the faintest beginnings of a note. It is no wonder that performers at the BSO are so highly respected. They cannot cut any notes short or change bow strokes too fast without having that mistake broadcast to the entire hall.

At the same time, the acoustics are perfect for showcasing soloist that sounds incredible, as was the case for Nicole Cabell, the soprano in "Bachianas Brasileiras". With her amazing range of dynamics and angelic purity of tone, she quickly became the star of that night's performance. Supported by an "orchestra of cellos," the soprano's dynamics went from the volume of a whisper to a full, rich ringing throughout the hall. With some shouts of "Bravo" after her aria, and a thunderous applause at the end, the audience was clearly and completely won over by her expressive voice.

However, there was a slight imbalance between the orchestra and the singer. The soprano made the unfortunate but common mistake of moving too far back from the microphone in order to see the conductor. As a result, she was a little drowned out during the dança by the eight cellos enthusiastically playing layers and layers of Brazilian rhythms.

Despite the balance issues, this piece was still my favorite performance of the night. One of the most precious things a performance can give you is a beautiful sound you've never heard before. For me, that new sound was Cabell's vocalise — a wordless melody — an octave above the cellos playing the same in a rich cantabile voice. The harmony was exquisite, the kind of combination that can only be created by two voices perfectly in tune. The fact that it was a human voice produced *bouche fermée* ("with mouth closed") and an instrument made it a completely new experience for me.

STU ROSNER

**The Boston Symphony Orchestra kicked off their 2014 Season on Sept. 20.**

As for Beethoven's famous Symphony No. 5 in C minor, for me and probably for the majority of the audience, there was nothing new to find. The instantly recognizable opening four-note motif and the familiar feeling of being swept along by musical crescendos made listening to this piece felt like coming home. For the first time that night, the orchestra players started to look like they were having fun. After hearing the BSO play this piece flawlessly, I can understand why Symphony No. 5 is widely considered to be one of the most perfect symphonies ever written.

I strongly encourage everyone in the MIT community to pay a visit to this historical hallmark of musical achievement. I came in expecting an international-level performance, and I was still blown away. This experience will be a treasure in my memories for a long time.

**"Sinfonia concertante" for Flute, Oboe, Bassoon, & Horn in E-flat by Mozart**

**"Bachianas brasileiras" No.5 by Villa-Lobos**

**Symphony No. 5 in C minor by Beethoven**

**Symphony Hall, Sept. 20, 2014**

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IN YOUR COMMUNITY

# Domestic violence awareness

## Stop the silence, end the violence

**By Kali Xu**
*CAMPUS LIFE EDITOR*

Before we even arrived for orientation at MIT freshman year, we were all supposed to have completed an online program of alcohol, sexual misconduct, and general safety training. I don't remember much about those videos besides the amazingly awkward acting, but I do remember having to take an exam and perhaps a survey at the end to make sure I understood the important life lessons I had just been taught.

Once we got to campus and made it past orientation, I heard a whole lot of talk again about alcohol and party behavior, but I don't think I heard a single mention of domestic violence until I went through recruitment and heard about Alpha Chi Omega's philanthropy. People don't like to talk about domestic violence. Alcohol is easy — you just tell people to refrain from drinking, or watch what they drink, or limit their drinking. Drugs are easy — don't do them. But relationships? How do you deal with those? Many are healthy but many are not. Domestic violence is just as prevalent as alcohol abuse, if not more so.

In the United States, 35.6 percent of women and 28.5 percent of men experience violence by an intimate partner at some point in their lifetime according to the National Intimate Partner and Sexual Violence Survey in 2010, which surpasses the percentage of students at MIT who binge drink (26 percent), as measured by a survey administered by the Office of Community Development and Substance Abuse and Community Wellness at MIT Medical in 2013.

The difference between the visibility of alcohol/drug abuse and domestic violence is pretty easy to explain. Alcohol and drug abuse often happen amidst the noisy excitement and sensory overload of social situations, whereas domestic violence usually lurks in the shadows, behind closed doors. You might see the results of domestic violence in tired eyes and distracted thoughts, but few people realize the true cause. Many of those who do see it consider it a private matter and turn a blind eye to what may be a criminal offense.

Breaking the silence about domestic violence is a necessary step forward. The sisters of Alpha Chi Omega (AXO) chose domestic violence awareness as their national philanthropy because to bring forward to the spotlight this huge issue that is so hard to talk about. Domestic violence is a problem that we can directly help to address by raising awareness, because sometimes a listening ear and an expression of support may be the first step on a survivor's path to recovery.

Measures have been taken to address this issue on campus, especially by the MIT Program for Violence Prevention & Response (VPR) founded in 2008, but much more can still be done to increase awareness. Alpha Chi Omega will be sponsoring Domestic Violence Awareness (DVA) Week next week, October 6 – 10, where buying a friend a carnation, joining a photo campaign, or attending Alpha Epsilon Phi's Take Back the Night event can all help spread the message that love shouldn't hurt.

## EVENTS SEPT. 30 – OCT. 06

### TUESDAY

**(7:00 p.m. – 9:00 p.m.)** Iran, The Bomb, and Nuclear Disarmament: Understanding the call to eliminate nuclear weapons, sponsored by The Technology and Culture Forum at MIT and Massachusetts Peace Action — 32-155

### WEDNESDAY

**(5:00 p.m. – 6:00 p.m.)** MTA Composer Forum presents Alvin Curran. sponsored by Music and Theater Arts and MIT Libraries — 14E-109i (MIT Lewis Music Library)

**(5:30 p.m. – 8:30 p.m.)** How do physical spaces foster innovation? with speakers David Chang of Paypal and Nadeem Mazen of danger!awesome, sponsored by MIT Enterprise Forum of Cambridge — District Hall, 75 Northern Ave

### THURSDAY

**(4:00 p.m. – 5:30 p.m.)** Muddled Information, with speaker Alex Frankel, sponsored by MIT/Harvard Theory Workshop — Littauer-M16, Harvard

### FRIDAY

**(12:01 p.m. – 1:00 p.m.)** Open mic in the Lewis Music Library, refreshments provided, sponsored by MIT Libraries — 14E-109

**(7:00 p.m. – 9:00 p.m.)** LSC shows X-Men: Days of Future Past, tickets $4 in Lobby 16 — 26-100

### SATURDAY

**(9:00 a.m. – 2:00 p.m.)** HackMIT, sponsored by MIT TechFair — W34-101

### SUNDAY

**(11:30 a.m. – 2:00 p.m.)** China National Day BBQ, sponsored by CSSA and CAST — NW35-Hulsizer

### MONDAY

**(10:00 a.m. – 11:00 a.m.)** From Songs to Symbols, From Calls to Speech Graphs, with speaker Sidarta Ribeiro, sponsored by McGovern Institute for Brain Research — 46-3189

**(3:00 p.m. – 4:00 p.m.)** MOOCs: Open Education with Old and New Learners, with speakers Jeff Haywood and Lori Breslow, sponsored by Office of Educational Innovation and Technology — 4-270

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A VIEW FROM THE FRONT

# The People's Climate March

## Clearing a path through Manhattan for 399,999 people

**By Geoffrey Supran**
*GUEST COLUMNIST*

"Is Earth fu**ed?" asked a provocatively titled talk at the 2012 American Geophysical Union, one of the largest gatherings of climate scientists in the world. Believing — like most scientists — that although planet Earth will continue to exist in the face of global warming, its inhabitants are indeed currently fu**ed, I decided to postpone laundry and lab and head to Manhattan for the People's Climate March the Sunday before last.

Having volunteered as Security Marshals, our duties began at 7 a.m. along New York City's Central Park West. Sporting fluorescent green shirts, white caps and walkie-talkies, we helped the gathering crowds assemble between 61st and 65th Streets. These six blocks were reserved for the first of the march's six contingents: those at the frontlines of the climate crisis. It was only half an hour before the 11:30 a.m. start that I realized the privileged responsibility conferred upon us. Our job was to protect the front line.

Forming a semi-circle around the head of the march, our small legion of marshals knelt to allow the world's media a clear shot of our standard bearers: a row of children, mostly colored and mostly poor, and none older than 16, singing songs calling for a better tomorrow.

"Look at all these people, here because they care about your future," I overheard a young couple say to their little boy. On the jumbo screens in front of us, pictures were beamed live from some of the 2,807 other events happening across the globe. As we set off I spotted London, where at that very minute my dad was risking a bad knee to be part of his first march.

For the next two-and-a-half hours, we walked hand-in-hand; we were the bow of this 400,000-person strong ship, wading gently through an endless sea of photographers and journalists. Occasionally I would sneak a peek over my shoulder, struggling to comprehend the four miles of energy, hope, and determination that followed just meters behind us.

At 12:55 p.m. on 42nd Street, in the valley of Times Square's towering lights, we brought the march to a halt. This human Ark carried every color and creed, every age and ethnicity, every social standing and education, and at 12:58 p.m., we all held hands and raised our arms to the sky. Suddenly and completely, all went quiet.

As we observed two minutes of eerie silence, I thought of the farmers in the fields of California, trying to salvage crops from the state's worst drought in recorded history. I thought of boys with guns in Syria, drawn into a conflict catalyzed by four years without rain. I thought of the tens of millions of Bangladeshi families whose lives will be uprooted by feet — if not meters — of sea level rise, now locked-in by the West Antarctic ice sheet's irreversible collapse. And I thought of my own home in Winchester — the ancient capital of England — where last Christmas we saw the worst floods in a quarter of a millennium.

Halfway back in the crowd, Hendrik Hertzberg described what happened next in an article published in The New Yorker: "Then came the wave — first a rolling tsunami of arms thrown into the air, travelling swiftly at us from the head of the march, two miles away, then, like thunder after distant lightning, a wall of sound, a deafening, exuberant roar of human voices all around."

Activism and politics have not come easily to me as a science grad student, but on Sunday I marched because we have so few years to put the brakes on impending climate catastrophe: a mere decade or two for global greenhouse gas emissions to peak and then plummet faster than they have risen for the past 160 years; and only a year or two to stop building all fossil fuel infrastructure, according to the International Energy Agency.

I marched because despite the threat of losing everything we love, 2012-13 saw $674 billion spent on fossil fuel extraction and the largest annual increase in carbon dioxide levels in 30 years. I marched because this summer the Canadian government muzzled its scientists from speaking publicly about climate change; because Australia became the first country in the world to repeal its carbon tax; and because the U.S. Senate failed to pass a resolution simply stating that climate change is real.

SHADIA FAYNE WOOD

**Geoffrey Supran (left), Harvard climate science PhD candidate Ploy Achakulwisut (middle), and other volunteer security marshals clear the way** at the front of the People's Climate March in New York City.

I marched because climate change preferentially afflicts those least to blame, for want not of solutions, but of courage in the face of greed. I marched because, as Einstein put it, "Those who have the privilege to know have the duty to act." How can I stand idly by as both my future and the science that I love get dragged through the gutter? The only thing that can match the power of the money preventing climate action is the power of a social movement. And so I marched.

So enormous was the gathering that it wouldn't be for several hours that those at the back of the march would even begin to move. As our front line reached its terminus, we took up traffic control with the NYPD, and for the next five hours watched people stream continuously by. Three hours in, my MIT friends (and 50,000 other students) came into view, bearing the giant banners we had made the week before. "MIT for climate action!" one read. "Stand with Science!" implored another. From freshman undergrads, to final year PhD students, to alumni lawyers, architects and professors, and everything in between, this group of 70 could not be stereotyped. This was MIT's quiet and loud, our academics and activists, our young and old.

We had promised our friends the chance to help make climate change history, and as I laid eyes on *The New York Times*' front page the next morning, I knew we had deliv-

**Climate March,** Page 10

# Members of the MIT community join large NYC climate march

## Massive event drew activists to city

**Climate march,** from Page 9

ered. The People's Climate March was headline news, and three other stories made it above the fold: a new scientific report confirming 2013's record carbon dioxide levels; the United Nation's Climate Summit in New York City the following Tuesday; and an extraordinary new development in the fossil fuel divestment campaign.

Even before the march had ended, the Rockefeller Brothers Fund — a philanthropic arm of those who made their fortune from Standard Oil and spun off Exxon Mobil and Chevron — revealed that it was to divest its $860 million of assets from fossil fuel companies, bringing total global divestments to $51 billion. Divestment would feature prominently in the United Nation's climate discussions two days later. TIME magazine declared, "College kids helped divest $50 billion from fossil fuels." Perhaps, at long last, the climate change dots were beginning to be joined between science, politics, and activism.

The People's Climate March was the biggest climate change mobilization in human history, and it highlighted that this is an issue of justice as well as environmentalism. It lent a collective voice to frontline communities, unions, faith leaders, businesses, scientists, students, and so many others, and it put those at the front lines of the climate crisis where they belong: at the front.

Yet there is no time to bathe in the afterglow of what will surely be looked back upon as a singular moment in the climate change movement. The longest of journeys begins with the first step, and the People's Climate March was just that. History is in the making, and we must keep moving forward.

*Geoffrey Supran is a graduate student in the Department of Materials Science & Engineering, a member of Fossil Free MIT, and a member of the MIT Climate Change Conversation Committee.*

## Students hold annual Garba dance in Walker Memorial

TAMI FORRESTER—THE TECH

**Dancers practice Raas holding sticks called dandiyas.** MIT South Asian Association of Students hosted an annual Garba Raas dance event called Milan at Walker Memorial this past Friday, where attendees practice Raas and Garba, traditional dance styles from the Indian state of Gujarat.

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# China limits spread of Hong Kong news

## *Censors move to block Instagram*

**By Edward Wong and Didi Kirsten Tatlow**
*THE NEW YORK TIMES*

BEIJING — Chinese officials moved quickly to control news reports of the pro-democracy demonstrations that began in Hong Kong over the weekend and by Sunday night had turned into the largest street clashes in decades between civilians and the territory's police force.

A directive from the central propaganda department in Beijing ordered websites to delete any mention of the unrest. The mainland news websites that did discuss the protests mostly posted a short article from Xinhua, the state news agency, that gave few details of what was unfolding down south. Some sites published editorial essays from Global Times, a state-run populist newspaper, taking a typically hardline stand.

> **A directive from the central propaganda department ordered deletion of any mention of the unrest online**

Starting Sunday night, officials overseeing Internet censorship blocked Instagram, the popular photo-sharing social network, presumably to ensure that images of the rallies would not spread. Only Internet users who had software to leap over the online control system known as the Great Firewall could get on Instagram. The action by censors was consistent with earlier moves against other Western-based social media sites, including Twitter, Facebook and YouTube; those blocks, put in place during recent periods of political turmoil, still endure.

The words "Occupy Central," the name of the broad Hong Kong pro-democracy movement, and other similar terms were banned Monday from searches on Sina Weibo, China's biggest microblog platform.

There was erratic censorship on Weixin, or WeChat, a popular cellphone networking application — some articles were not blocked in China, and users could forward them. Not all of the articles were supportive of the protesters: One essay making the rounds said Hong Kong residents were ungrateful, in the same language Chinese officials often use to speak of rebellious Tibetans and Uighurs. But by early Tuesday, the article had been blocked. Some Chinese political observers and individuals who work at state-run media outlets who spoke on the condition of anonymity said they thought that many ordinary mainland Chinese were not closely following the events unfolding in Hong Kong, in part because of previous censorship of political news.

Some Chinese news organizations reported on the Hong Kong protests, but strictly from the Communist Party's perspective. China Daily, an official English-language newspaper, had a front-page article on the events, with a photograph of protesters carrying open umbrellas confronting lines of police officers. There was no explanation of why people had the umbrellas (they were used to protect against pepper spray). The headline and article focused on condemnation of the protesters by the authorities. The English-language print edition of Global Times published a similar front-page photo and article.

One editorial by Global Times in Chinese and English accused radical opposition forces in Hong Kong of "ruining Hong Kong's street image" and said the earlier decision by mainland officials on the 2017 elections, labeled unacceptable by democracy advocates in Hong Kong, would not be reversed. A more incendiary Chinese op-ed published in Global Times by Wang Qiang, a scholar at the Shanghai Institute of Armed Police, said that if the Hong Kong police could not control the situation, the Chinese military would intervene. By early afternoon, those essays had been deleted from the newspaper's Chinese website, though they had been published in the morning print editions, and the English version of the unsigned editorial remained online.

There was no indication, though, that Chinese leaders were seriously considering that option. Leung Chun-ying, the leader of Hong Kong who is allied with the Chinese Communist Party, said Sunday that the Chinese military would not be called in. After the bloody military crackdown around Tiananmen Square in 1989, leaders of the People's Liberation Army decided that the army should not get involved in controlling civilian protests. That job in mainland China has fallen to the People's Armed Police, a paramilitary organization.

> **Leung Chun-ying, leader of Hong Kong, says the Chinese military will not be called in**

Among those Chinese who were following the protests, news spread via semiprivate social media networks and by word of mouth, with scores of supporters shaving their heads as a show of solidarity or making plans to travel to Hong Kong to take a closer look, according to telephone interviews and social media messages.

On Sunday, Ou Biaofeng, a resident of Zhuzhou in Hunan province, posted pictures of himself with a shaved head on his Twitter account and on Weixin, his fingers raised in a "V" for victory.

By Monday, Ou, who said he was an independently employed social activist, said the "Going Bald for Hong Kong" movement, though small, had spread, with 30 or 40 others shaving their heads in several cities, including Guangzhou, Shanghai and Hefei. Many of those supporters had posted on Weixin what they said were photographs of themselves with bald heads.

"I think we'll get over 100 soon," Ou said. "Our goal is to support Hong Kong people in their protest for real democracy, for elections where they have a real choice. This protest is an encouragement for our own democratic ideals."

## Westside weekend carnival featuring Tim the Beaver

*BRUNO B. F. FAVIERO—THE TECH*

**Tim the Beaver having fun with students** at the MIT Carnival organize by McCormick, Baker, and Maseeh on Saturday.

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## Where are they now?

Israeli Prime Minister **Benjamin Netanyahu '75** called Hamas and the Islamic State group (also known as ISIS) "branches of the same poisonous tree" in a speech to the United Nations general assembly on Monday. He compared Israel's strikes in Gaza to the U.S.-led strikes in Iraq and Syria, saying that both were aimed at defeating militant Islam.

**Bill Frezza '76** wrote a column headlined "Drunk Female Guests Are the Gravest Threat to Fraternities" for *Forbes*, which pulled the piece and fired Frezza shortly after publishing it last Tuesday. Frezza, pilloried online for the column, said he stands by every word. He is the president of the MIT Chi Phi alumni association and a former entrepreneur and venture capitalist.

**Jacob Lurie PhD '04** was named a 2014 MacArthur "Genius" Fellow earlier this month for his work in "derived algebraic geometry." The fellows each receive $625,000, no strings attached. Lurie, formerly on the MIT faculty, is now a math professor at Harvard.

**Leland Cheung MBA '12**, who ran for lieutenant governor of Massachusetts, lost to Steve Kerrigan in the Democratic primary earlier this month. Cheung has been a Cambridge city councillor since 2010.

*Compiled from media reports. Send tips about former MIT students, staff, faculty, and affiliates to news@tech.mit.edu.*

**News Briefs,** from Page 1

### Susan Hockfield named chair of Forum Academy of World Economic Forum

Former MIT president Susan J. Hockfield has been named chair of the World Economic Forum's online learning initiative, Forum Academy.

Launched in partnership with edX, Forum Academy aims to create a global, online learning environment and a curriculum that provides professionals with leading-edge, industry and region-specific knowledge.

Hockfield, who inaugurated edX during her tenure at MIT, will guide the creation of curriculum and construction of a pedagogical framework for Forum Academy. She will also engage top universities in collaboration with the initiative.

"Discovery and innovation are key pillars of my work in academia and as Forum Academy explores new approaches to lifelong learning it will draw on the critically important mix of insights from the academy, industry and government... Meeting the challenge of life-long learning as the pace of discovery accelerates requires us to innovate for positive global change," Hockfield said in a statement released by the World Economic Forum.

Hockfield is also a member of the World Economic Forum's Foundation board, which guides the strategic development of the Forum.

*—Katherine Nazemi*

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### Solution to Crossword
*from page 6*

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | A | D | P | A | T | C | H | ■ | T | E | M | P | T | S |
| O | V | E | R | S | H | O | E | ■ | A | L | G | O | R | E |
| N | O | T | A | H | A | P | P | Y | C | A | M | P | E | R |
| A | C | E | D | ■ | T | Y | C | O | O | N | ■ | M | A | P |
| M | E | S | A | S | ■ | D | A | D | S | ■ | C | U | T | E |
| I | T | T | ■ | T | H | E | T | A | ■ | B | A | S | I | N |
| ■ | ■ | ■ | T | R | E | S | S | ■ | J | U | R | I | S | T |
| ■ | A | T | R | I | S | K | ■ | H | O | R | A | C | E | ■ |
| P | L | A | I | D | S | ■ | D | E | B | I | T | ■ | ■ | ■ |
| A | L | G | A | E | ■ | L | E | A | S | E | ■ | N | A | W |
| S | O | L | D | ■ | M | A | L | T | ■ | S | C | O | N | E |
| S | C | I | ■ | F | A | C | I | L | E | ■ | A | M | T | S |
| F | A | N | T | A | S | Y | B | A | S | E | B | A | L | L |
| O | T | E | L | L | O | ■ | E | M | P | L | O | Y | E | E |
| R | E | S | C | A | N | ■ | S | P | Y | S | T | O | R | Y |

### Solution to Spiteful Sudoku
*from page 6*

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

### Solution to Tasteless Techdoku
*from page 6*

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

### Solution to Snide Sudoku
*from page 6*

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

### Solution to Trite Techdoku
*from page 6*

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

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# Wallace ties MIT record in victory

## *MIT's next rival is Curry College*

**Football,** from Page 16

from Cheyne as time expired in the half to lead 34-12.

Salve Regina picked up the first score of the second half when Erik Klein picked off a Williams pass and returned it 16 yards to the MIT 10. Wilken and Hulme then hooked up for the third time in the contest, this time from 15 yards out to make it 34-20 after a successful two-point conversion. Aided by a 46-yard run by Esparrago, MIT came right back with an answering score when Williams ran it in from 14 yards away to make it 41-20 at the 4:48 mark.

Salve Regina put together another long scoring drive that used five minutes of the fourth quarter, going 80 yards in 16 plays. Wilken completed 10 of 13 passes for 79 yards on the drive, finishing it off with a 13-yard toss to Dan Buonocore for the score to pull the Seahawks back within 15 points with 7:35 to play.

Wallace ended any hopes of a Salve comeback on the next MIT drive, however, when he burst up the middle for a 39-yard scoring run with four minutes to play.

Wallace finished with 152 yards and four scores, with his four TDs matching a school record that was also matched in the Engineers' last game by Bradford L. Goldsberry '15. Williams was 12-of-22 for 174 yards and a score and an interception as the Engineers rolled up 466 yards of total offense. Salve totaled 440 yards of offense, led by Wilken's 36-of-53, 325-yard day with four scores. He also led the Seahawks with 60 yards rushing.

Hulme led all receivers in the game for Salve with 12 catches for 132 yards and three scores while Goldsberry paced MIT with six catches for 74 yards. On defense MIT was led by sophomore Tremaan A. Robbins '17 who recorded 10 tackles and broke up a pair of passes. Salve Regina was led by Frank Musco, Troy Smith and junior Danny Ives who all made six tackles for the Seahawks.

MIT will play away from home for the first time next week, taking on Curry College on Friday, October 3 at 7 p.m. Salve Regina will return to action on Saturday, October 4 when it hosts Nichols College at 1 p.m.

ALEXANDER C. BOST—THE TECH

**John L. Kramer '15 slides to beat a Babson player** to the ball during their game on Saturday. MIT was narrowly defeated 3–2 in overtime.

MELISSA RENÉE SCHUMACHER—THE TECH

**Skipper Laura Dunphy and crew Kayla Ngan approach a turn** marked by a buoy during one of the races in the President's Trophy regatta on Sunday. MIT went on to finish second in that race and in the regatta. The regatta was held on Saturday and Sunday. Due to low winds, only five races took place on Sunday.

# Cricket team falls twice in return to league play

## *Both losses are to Harvard in away games*

**By Koustuban Ravi**
*TEAM REPRESENTATIVE*

MIT resumed its American College Cricket (ACC) league campaign on Sept. 14 via back-to-back away games against Harvard University. In the previous semester, both teams had won a game each, with all to play for. Winning the toss, MIT elected to bowl first and immediately put Harvard under pressure.

Neev Wanvari G secured an early breakthrough in the second over, dismissing dangerous opener Vivek Jayaram of Harvard. Pace spearhead and new vice-captain Usman Ayyaz '16 followed up with a ferocious opening spell, getting Harvard opening batsman Osman Siddiqui clean bowled in the third. Harvard captain Manik Kuchroo and debutante Ahmed Gondal then battled a disciplined MIT bowling arsenal led by Saad Shoukat '15 and Jehangir Amjad G, adding a cautious 52 runs for the third wicket.

Manik perished to spinner Usman Naseer G while trying to accelerate the scoring. The Harvard middle order then capitulated to Mohit Kansal's bowling G but a late run spree by Hummayun of Harvard, ensured they reached a highly competitive total of 161 in their allotted 20 overs.

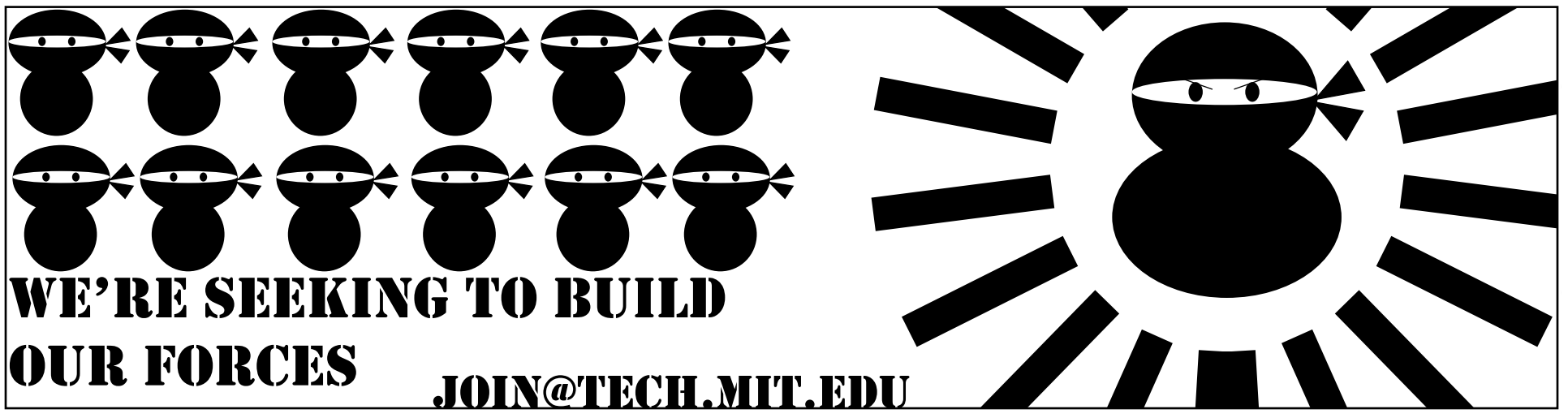
In their batting reply, MIT lost opening batsmen Arsalan Adil G and Taranjit Singh '18 early, followed by Usman Ayyaz '16. MIT's middle order, Vineet Agrawal G, Priyank Kumar G, and Koustuban Ravi G, showed resistance and put them in a good position for victory. However, tight bowling by Harvard prevented MIT's lower order from completing the job. MIT fell 20 runs short of Harvard's total.

In the second game, MIT was put into bat by Harvard after losing the toss. Openers Suyog Shukla G and Fahad Mahmood G started beautifully, stroking the ball to all corners of the ground. Fahad Mahmood soon perished, getting clean bowled to a delivery by Harvard captain Manik Kuchroo. Captain Priyank Kumar G was soon to follow, leaving MIT in an awkward position. Suyog Shukla G continued to bat brilliantly and was supported by Koustuban Ravi G for a brief resistance between overs 8 and 13.

At this point, Koustuban Ravi G was run out, leaving MIT once again in a precarious position. Suyog Shukla, supported by cameos from Samarth Mohan '17 and Jehangir Amjad led MIT to a respectable 140 in their 20 overs.

In their batting reply, Harvard were edgy in the beginning but also scored quickly. Saad Shoukat '15, bowling with serious venom, got opening batsman Osman Siddiqui out, caught by Fahad Mahmood. Harvard captain Manik Kuchroo and Vivek Jayaram then batted smartly and put Harvard on top. At a critical time, Savithru Jayasinghe G got Manik Kuchroo out, tilting the game back in MIT's favour.

Harvard batters Vivek Jayaram and Ahmed Gondal then consolidated effectively, not losing any further wickets. In the end, MIT's total did not pose a serious threat, as Harvard coasted to victory with two and a half overs to spare. The two victories put Harvard ahead in their head-to-head with MIT, leaving the engineers eager for the next battle.



# MIT cricket bounces back from losses with two wins

## *Cricket team tops Babson and Boston University*

**By Koustuban Ravi**
*TEAM REPRESENTATIVE*

Hurting from the losses against Harvard University, MIT were looking forward to imposing themselves on the Boston University (BU) Terriers on September 20. MIT fielding coach and talisman, Saad Shoukat '15, had taken the losses seriously and put his charges through a grueling training session which turned out to be the difference between the teams.

BU selected to field first after winning the toss. MIT openers — Fahad Mahmood G and Suyog Shukla G started briskly, putting 35 runs for the first wicket in four overs. At this point Fahad Mahmood G was adjudged LBW, bringing captain Priyank Kumar G to the crease. Suyog and Priyank continued to build the innings, adding 47 runs for the second wicket, putting MIT in a commanding position.

BU clawed back into the game dismissing Suyog, Priyank and Vineet Agrawal G within a span of 5 runs. Vice-captain Usman Ayyaz '16 and Koustuban Ravi G then prevented an imminent collapse by adding 30 runs for the fifth wicket. In the last five overs, MIT's batters, led by vice captain Usman Ayyaz, unleashed a ruthless blitzkrieg upon the terriers, taking the team total to a competitive 194/9 in their 20 overs.

BU started their innings well, scoring at a healthy rate of 10 runs per over. BU batsmen Arush Sabharwal and Don Brown were stroking the ball fluently to all corners of the ground when Suyog Shukla G supplied MIT with a moment of brilliance. In two balls, he had both set batsmen out leaving BU's chase in shambles. After the loss of their kingpins, BU succumbed to an inevitable defeat scoring 122 runs with all MIT bowlers among the wickets.

The following day, on September 21, MIT faced off against Babson. In their previous encounter in the first half of the season, the MIT juggernaut had demolished Babson in a record scoring match. Spirits were running high in the MIT camp as they were eager to attempt to recreate the performance.

Bowling first, Babson exploited the slow pitch at Barry's field. Enticing MIT's batsmen, they picked up a flurry of wickets leaving MIT in shambles at 72 for 6 in 10 overs. It certainly looked as if MIT were staring down the barrel, but Usman Naseer G and captain Priyank Kumar G had other ideas. They rebuilt the innings and started to pile up the runs, slowly bringing the game back to balance after a solid 74 run partnership.

After his captain's knock, Priyank Kumar got out trying to hurry the scoring. Usman Naseer and Jehangir Amjad G continued to pile on the runs as they flayed the fatigued Babson bowlers to all corners of the park. Usman finished with 51 runs and Jehangir scored a blistering 38 runs in 14 balls as they led MIT to 208 runs in their 20 overs.

Babson's chase was under threat early on due to quick wickets by Koustuban Ravi G and Savithru Jayasinghe G. However, Anurag Jain and Shreyas Gupta of Babson, in a gritty partnership of 64 runs kept Babson in contention right upto the 16th over. In the end, MIT's total was a little too high for Babson as they finished with 153 runs for the loss of 9 wickets. Good bowling performances by all MIT bowlers near the end was the difference.

DANIEL J. MIRNY

**Will Reid '16 leans the boat** back into balance during a turn before placing fourth in Thursday's Midweek Invitational Regatta, hosted by MIT Sailing.

CHAARUSHENA DEB

**Goalie Noal Kruse throws the ball** across the pool in the men's water polo game against Fordham University on Saturday, September 27. MIT narrowly lost 7–6.

# Women's soccer team wins 2-1

## *MIT claims its first NEWMAC victory over Springfield*

**By Matthew Noonan**
*DAPER STAFF*

Morgan K. Moroi '16 recorded one goal and one assist as MIT claimed their first New England Women's and Men's Athletic Conference (NEWMAC) victory with a 2-1 win over Springfield College on Saturday, September 27. MIT, which improves to 5-3-2 overall and 1-0-1 in conference play, earns their first victory against the Pride since defeating them in the NEWMAC Championship in 2009, while Springfield, which is currently ranked seventh in New England, falls to 4-2-1 and 1-1.

MIT outshot Springfield, 14-9, while the Pride held an advantage in corners, 4-2. Lauren S. Ullmann '17 turned away three shots and Springfield goalkeeper Lucy Gillett recorded five saves.

Following a scoreless first half, MIT netted the game's first goal when Moroi connected with Olivia M. Struckman '18, who netted her fifth goal of the season at 65:14. Moroi would locate the back of the net roughly seven minutes later as she fired home her second goal of the season following a pass from Zara A. Perumal '16.

Springfield sliced the deficit at 82:02 as Nicole Fowler scored following a feed from Jessica Miller. After Fowler's goal, Springfield tried to even the score at 87:46 when Fowler directed a shot toward the MIT cage that sailed wide.

Both teams return to action next week as MIT hosts Mount Holyoke College on Saturday, October 4 for a 1:00 p.m. kickoff, while Springfield entertains Williams College on Wednesday, October 1 at 7:30 p.m.

## UPCOMING HOME EVENTS

**Tuesday, September 30**

Women's Volleyball vs. Clark University *7 p.m., Rockwell Cage*

Interested in Seeding Innovative, New Startups!

AnexperiencedtechinvestorandMITalumnuswelcomesinquiriesfromMITgraduateorundergraduatestudents/staff/alumniforseedorearly-stagecapitalinanyareaofinformationtechnology.

Ifyouhaveawell-thoughtidea,pleaseprovidedetailsaboutyourbackground,skillsandexperience.Pleaseincludeageneraldescriptionofyourventure;donotsend any proprietary information.

Iwillbeavailableforone-on-onemeetingsinCambridgeinmid-October.Pleaseemailto:NADKARNI@alum.mit.edu

Thank you very much.

# Football team progresses to 3-0 start

## *Strong first half from MIT lifts them past Salve Regina, 48-26*

**By Phil Hess**
*DAPER STAFF*

For the first time in the modern history of the MIT football program the Engineers have started a season with three straight wins after taking a 48-26 victory over Salve Regina University this afternoon. In the first New England Football Conference game for both schools, Justin R. Wallace '15 scored the first of his four touchdowns just two minutes in as the Engineers took an early lead that they did not surrender. Wallace finished with 152 yards rushing to lead MIT, while quarterback Steve Wilken put up 385 yards of total offense to lead the Seahawks.

Just four plays into the contest Wallace broke through the middle of the line and then scampered all the way to the end zone for a 47-yard score to give MIT (3-0, 1-0 NEFC) the early lead. Salve Regina (1-3, 0-1 NEFC) responded on its first drive, capping a 10-play, 67-yard effort when Wilken connected with Alex Hulme from 13 yards out. The extra point was missed however, keeping MIT in the lead.

MIT came away with points on its next drive when Tucker T. Cheyne '17 connected from 24 yards out on a field goal to make it 10-6 with 5:02 left in the first. Salve looked to be driving for an answering score when the Seahawks fumbled on the MIT 10-yard line. Maxwell K. Ruston '18 recovered for MIT and the Engineers turned the miscue into points. Peter J. Williams '15 hit Samuel J. Inman '16 on a key 28-yard pass play as MIT finished things off with a six-yard run by Wallace.

On the second play of the next Salve drive the Seahawks fumbled again, with sophomore Ryan J. Karnish '17 falling on the ball for MIT. An unsportsmanlike penalty on Salve gave the Engineers the ball on the Salve nine-yard line and on the next play Williams found Seve A. Esparrago '16 open for the touchdown.

MIT's defense held Salve Regina on a fourth and two play on the next Seahawks drive, giving the Engineers the ball on the SRU 37. Six plays later Wallace was in the end zone again, this time from six yards out to put MIT up 31-6 with 7:52 left in the half. Salve Regina came back with a 75-yard drive that took most of the rest of the half. The Seahawks converted on three third downs and a fourth down to keep the drive alive, with Wilken again finding Hulme, this time from six yards out for the score. The two-point conversion try was missed, and MIT squeezed in a 25-yard field goal

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ALEXANDER C. BOST—THE TECH

**Rob DiSanto '18 and Ryan J. Karnish '17 break up a pass** near the end zone during their 48–26 win over Salve Regina on Saturday. MIT improved to 3–0 on the season with the win.