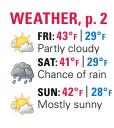
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Volume 133, Number 12 Friday, March 15, 2013



Candidates for the Undergraduate Association Presidential/Vice Presidential positions Thursday evening on the first floor of the student center in the official debate, co-hosted by the UA and The Tech. Sidhanth P. Rao '14/Devin T. Cornish '14, left, are running against Cory D. Hernandez '14/ John Kongoletos '14, right.

# Police find body in Charles, has tentative identity

Around noon yesterday, state police troopers and the state police marine unit responded to the report of a dead body under the Harvard Bridge near Memorial Drive. According to the Massachusetts State Police (MSP) Twitter feed, the body was recovered and under investigation by the Middlesex County detective unit as of 2:43 p.m.

According to Suffolk County Press Secretary Jake

Wark, the Suffolk District Attorney has a tentative identity, which has resulted in a joint investigation by Suffolk and Middlesex

According to Wark, there are no signs of foul play.

The investigation into the cause and manner of death is ongoing, said Wark. More information on the incident should be released sometime today.

—Bruno B. F. Faviero

# 1548 admitted frosh for the Class of 2017

# Record low acceptance rate of 8.2%

By Adisa Kruayatidee STAFF REPORTER

Yesterday evening, 898 high school seniors found extra reason to celebrate, besides the inherent mathiness of the date. As per tradition, MIT released admissions decisions for the fall's incoming freshman class on Pi Day at precisely 6:28 p.m., or "tau o'clock," in honor of pi's bigger cousin constant.

Over 18,989 students applied this year, yielding a record-low acceptance rate of 8.2 percent (650 were admitted under early action), compared to 8.9 percent last year and 9.6 percent in 2011. Simply because of the higher number of applicants and lower acceptance rate, which was partly influenced by MIT's unexpectedly high yield last year, Dean of Admissions Stu Schmill '86 emphasized the admissions office's regrets at needing to turn away more excellent students. However, he mentioned that the admissions office will try to admit students off the waitlist due to the low acceptance rate, unlike last year when no students from the waitlist were admitted to the class of 2016. A final decision on the waitlist has not yet been made.

The admitted Class of 2017 hails from all 50 states and 58 different countries. 48 percent of the students are women, and 16 percent are first generation college students. Rounding out the diversity, 24 percent are underrepresented minorities - 9 percent African-American, 15 percent Hispanic, 1 percent Native American plus 36 percent Caucasians, 30 percent Asian-Americans, and 8 percent international students for the remainder of the class. In comparison, the class of 2016 is 8 percent African-American, 15 percent Hispanic, 1 percent Native American, 37 percent Caucasian, and 28 percent Asian-American; 46 percent are women.

Interestingly, a number of the admitted students noted that they had explored classes on edX, an online system of free courses from MIT, Harvard, and Berkeley. In its inaugural year, edX turned out to be a great extension for students to go above and beyond their high school curriculum. The classes expose and give students a preview of the depth of academic material they will en-

Admission, Page 14

# **UAP/VP** candidates debate goals

# Two tickets talk of visions for the UA and the student body

By Emily Kellison-Linn STAFF REPORTER

The two tickets running for UA President and Vice President faced off last night in a debate in the student center, co-hosted by the UA and The Tech. Running for President and Vice President, respectively, is the team of Cory

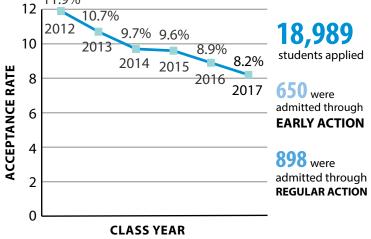
Hernandez '14 and John Kongoletos '14, and the team of Sidhanth Rao '14 and Devin Cornish '14.

In the debate, both pairs praised the achievements of current UA President Jonté Craighead and Vice President Michael Walsh in bringing stability to the UA after the major restructuring that the organization underwent in recent

years. However, they each cited the need for more student participation in the UA, and each spoke of additional areas in which they wanted to improve the UA and student life.

Rao and Cornish spoke of their desire to create a culture of mutual

UA debate, Page 6



INFOGRAPHIC BY HIDY HSIANG—THE TECH

# IN SHORT

Beware the Ides of March! Today, 5 p.m., student center steps.

Course 6 professors Shafi Goldwasser and Silvio Micali have won the 2012 ACM Turing Award for Advances in Cryptography!

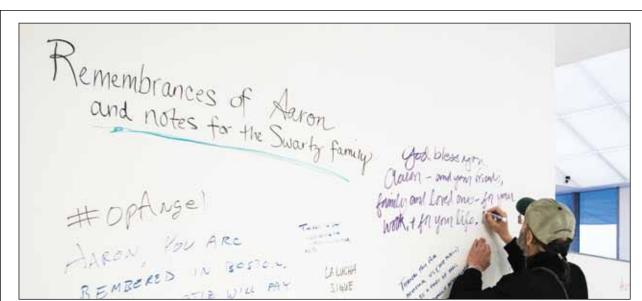
The deadline to submit artwork to the Student Art Gallery at McCormick is today! Fill out the form at http://bit. lv/13W9fog.

The deadline for PSCfunded summer fellowship and internship applications is March 21 at noon. For more information, visit http://web. mit.edu/mitpsc/whatwedo/internshipsandfellowships/.

engineering graduate program has once again been ranked No. 1 in the country by the U.S. News & World Report.

The Times Higher Education has deemed MIT No. 2 in reputation in its World Reputation Rankings of universities, following Harvard at No.

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



James Williamson leaves a message on the wall dedicated to "Remembrances of Aaron and Notes for the Swartz Family" at the memorial for Aaron Swartz held in the Media Lab Tuesday evening. See news coverage on page 6.

# THE CANDIDATES **FOR UAP/VP**

Hernandez/Kongoletos and Rao/Cornish share their vision for the UA. NEWS, p. 11

# **CO-OP SIM CITY**

After a decade, new multiplayer edition of SimCity arrives. ARTS, p. 7

# **SLAMMING SPOKEN RHYMES**

Boston Poetry Slam entertains poets and spectators. ARTS, p. 10



# **DIVINE DANCING AT** THE BOSTON BALLET **COMPANY**

All Kylián, with utterly captivating dancers. ARTS, p. 7

# **RENAME LOBBY** 10 TO HONOR THE **VETERANS**

The War Memorial should be honored as such. OPINION, p. 4

# **SECTIONS**

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# Francis begins first day as pope in day of private prayer

VATICAN CITY — Displaying some of his signature distaste for the trappings of high office, Pope Francis, the former Cardinal Jorge Mario Bergoglio, began the first full day of his papacy Thursday with private prayers at a Roman basilica dedicated to the Virgin Mary, slipping quietly into the building by a side door and leaving some 30 minutes later to return to the Vatican.

While his precise schedule remained uncertain, Francis, an Argentine and the first non-European prelate to win the leadership of the Roman Catholic Church in 12 centuries, was expected to hold an inaugural Mass in the Sistine Chapel, where a majority of 115 cardinals voted him into office Wednesday.

In his first public appearance Wednesday before a huge crowd in St. Peter's Square, Francis, 76, offered prayers for his predecessor, Benedict XVI, who last month became the first pope in centuries to retire, citing failing strength at the age of 85 after a papacy lasting almost eight years.

Cardinal Timothy Dolan of New York said Wednesday that Francis planned to visit Benedict at the papal summer retreat outside Rome, Castel Gandolfo, where the former pope — now pope emeritus — is living while an apartment is readied for him at a convent in Vatican City. There was no official word on the timing for the brief journey. The two men were also reported to have spoken by telephone.

The Rev. Federico Lombardi, the Vatican spokesman, said Thursday that Francis, the former archbishop of Buenos Aires, would not be visiting Benedict over the next two days, but planned to do so at some point.

Francis is the 266th pontiff of the Roman Catholic Church, the first from the Americas and the first member of the Jesuit order to lead the world's 1.2 billion Roman Catholics. In choosing Francis, the cardinals sent a powerful message that the future of the church lies in the global south, home to the bulk of the world's Catholics.

—Daniel J. Wakin and Alan Cowell, The New York Times

# Boston Phoenix weekly to cease publication

The *Boston Phoenix*, an alternative weekly newspaper known for its sharp political coverage and smart insight into the cultural and music scene, announced Thursday that it will fold. Sister papers the *Portland Phoenix* in Maine and the *Providence Phoenix* in Rhode Island will remain open, the company said.

The *Phoenix* has struggled with the decline in advertising that has been affecting the rest of the newspaper business. But only six months ago, the paper's owners announced a transition to a glossy magazine format that seemed to signal a commitment to staying open.

On Thursday, it became clear that the advertising they had hoped would materialize, did not. "We are a text book example of sweeping marketplace change," Peter Kadzis, the paper's executive editor said in a statement. "Our recent switch to a magazine format met with applause from readers and local advertisers. Not so — with a few exceptions — national advertisers."

Dan Kennedy, who worked at the *Phoenix* from 1991 to 2005, primarily as its media columnist, said the Phoenix long fought to carve out its own presence in a town dominated by the *Boston Globe*.

He noted that reporters like Kristen Lombardi were investigating the Catholic church sexual abuse scandal a year before the Globe started its ambitious and award-winning coverage.

"I do think what the *Phoenix* brought to the table is an absolutely fierce intelligence which is rare to find in journalism in any era," Kennedy said. "It had terrific political coverage, terrific arts coverage. The one Pulitzer the *Phoenix* won was for its art coverage."

The Phoenix responded through its Twitter handle: "Thank you Boston. Good night and good luck."

—C. Haughney and L. Kaufman, The New York Times

# Netanyahu prepares to accept new government coalition

By Jodi Rudoren

THE NEW YORK TIMES

JERUSALEM — After six weeks of struggle, Prime Minister Benjamin Netanyahu appeared close Thursday night to finalizing a new governing coalition that may make significant changes on domestic issues like religious pluralism but is likely to be paralyzed on the Middle East peace process.

A weakened Netanyahu would be joined by Yair Lapid and Naftali Bennett, two dynamic first-time politicians who represent vastly different constituencies but share a commitment to integrating ultra-Orthodox Jews into Israel's military and workforce, and who teamed up to increase their negotiating power.

The coalition would, for only the third time since 1977, exclude Israel's ultra-Orthodox parties, but would give both Jewish settlers in the West Bank and the secular bourgeoisie of Tel Aviv more influence.

The three men were to sign final agreements Thursday, but the deal was held up by a last-minute dispute over whether Bennett and Lapid would have the titles of deputy prime minister, according to spokesmen for all three, who agreed that it was still likely to go through Friday. The deadline for forming a government is Saturday night, and President Barack Obama's scheduled arrival in Israel on Wednesday has added to the urgency of concluding the negotiations.

Many analysts said the new government would underscore the refocusing of Israeli politics onto internal socioeconomic matters, including affordable housing, education and the role of religion in public life, and away from security and foreign policy issues, particularly the Palestinian conflict.

While the coalition agreement promises a return to negotiations with the Palestinians, the new housing minister, from Bennett's nationalist Jewish Home Party, would be a former chief of the settlers' council, complicating prospects for progress.

"It's a government that, to a large extent, will depend on its ability to avoid decisions on core issues," said Guy Ben-Porat, a professor of public policy at Ben Gurion University of the Negev. "People are very concerned with the tactics: who won what. I think it's going to be measured at the end of the day by who does what, and how. There are two parameters — will the government survive, and will it do anything significant? — and these two things might have an inverse relationship."

If the Palestinian question threatens to divide the parties, there may be more consensus on the middle-class themes that formed the campaign mantra — "sharing the burden" — of Lapid's centrist Yesh Atid party, which won a surprising 19 seats in the Jan. 22 election.

Lapid, a television broadcaster, would be finance minister, and with a \$10 billion budget deficit, there could be drastic cuts in subsidies to poor people. His party will also control education, and it has promised to overhaul the curriculum of religious schools.

Religion, diaspora affairs, and the Jerusalem portfolio will be overseen by Bennett, who will also be economics and trade minister.

# Ieng Sary, former Khmer Rouge official, dies at 87

By Seth Mydans
THE NEW YORK TIMES

Ieng Sary, the former foreign minister of the Khmer Rouge who was one of three elderly leaders on trial on charges of genocide, crimes against humanity and war crimes, died Thursday in a hospital in Phnom Penh, Cambodia, where he had been taken from his holding cell. He was 87.

His lawyers said he was hospitalized with gastrointestinal problems March 4. Ieng Sary (pronounced yeng sah-REE) had been treated for heart problems and other ailments for years.

His death was announced by the special tribunal trying him, with U.N. backing. Ieng Sary, a brotherin-law of Pol Pot, the top leader of the Khmer Rouge, was part of an inner circle of Paris-educated communists who led the movement, which caused the deaths of 1.7 mil-

lion people from starvation, overwork, and execution during its rule from 1975 to 1979.

Only one person, Kaing Guek Eav, a prison commander known as Duch (pronounced doik), has been convicted in connection with those deaths.

He was convicted in 2010 and sentenced to life in prison in February 2012. The remaining defendants are Nuon Chea, the movement's chief ideologue, and Khieu Samphan, the nominal head of state of the Khmer Rouge.

Both are in their 80s. As foreign minister, Ieng Sary helped persuade hundreds of Cambodian diplomats and intellectuals to return home from overseas to help the new revolutionary government.

The returnees were sent to "reeducation camps," and most were executed.

Ieng Sary "repeatedly and publicly encouraged, and also fa-

cilitated, arrests and executions within his Foreign Ministry and throughout Cambodia," wrote Stephen Heder, a Cambodia scholar who assisted the tribunal and is a co-author of "Seven Candidates for Prosecution: Accountability for the Crimes of the Khmer Rouge."

Before his arrest in 2007, Ieng Sary said: "I have done nothing wrong. I am a gentle person. I believe in good deeds. I even performed good deeds to save several people's lives."

At a news conference he blamed Pol Pot for the mass killings and also pointed a finger at Nuon Chea, who he said was implicated in torture and execution.

Ieng Sary's wife, Ieng Thirith, whose sister was married to Pol Pot, was also a defendant until she was excused because she has dementia.

Pol Pot died in 1998 in a jungle stronghold of the Khmer Rouge and never faced a courtroom.

# WEATHER

# Spring not here yet

By Shaena Berlin

After some spring-like ather earlier this week,

weather earlier this week, temperatures have cooled down and will remain slightly below average for the foreseeable future. While in the past Boston has recorded highs in March above 70°F, the mean high temperature is 46°F. This

weekend will bring temperatures around freezing, with scattered clouds and chances of precipitation.

While the benefits of warm weather remain distant, the length of day signals the transition toward summer; starting on Sunday, the length of day in Boston will be longer than 12 hours, with sunrise at 6:52 a.m. and sunset at 6:53 p.m.

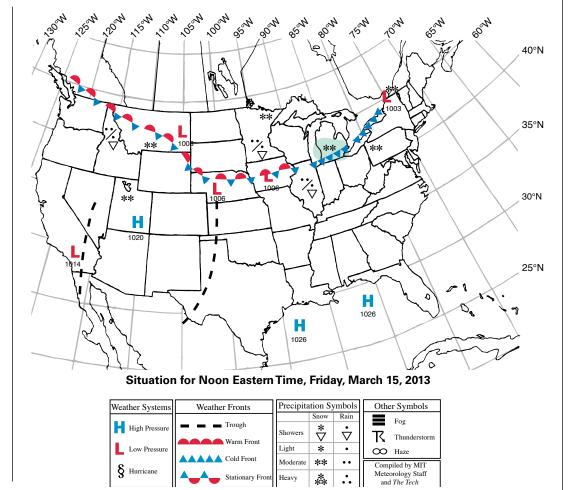
# **Extended Forecast**

Today: Increasing clouds throughout the day. High 43°F (6°C). W wind at 10–15 mph.

Tonight: Partly cloudy. Low near 29°F (-2°C). W wind at 10 mph.

Tomorrow: Cloudy with a chance of afternoon rain. Calm winds. High near 41°F (5°C). Low around 29°F (-2°C). Sunday: Mostly sunny with a high near 42°F (5°C). Low

around 28°F (-2°C). NW winds around 15 mph. **Monday**: Cloudy with a chance of rain and snow. High near 40°F (5°C). Low around 36°F (2°C).



# US says Greek executive evaded sanctions on Iran

By Rick Gladstone

THE NEW YORK TIMES

The United States blacklisted a Greek business executive and 14 of his companies Thursday, accusing them of conspiring with Iran to acquire eight large petroleum tankers used to transport Iranian oil to unwitting foreign customers in defiance of Western economic sanctions.

It was one of the largest efforts to avoid sanctions cited by the United States concerning Iran, which is confronting an increasing array of Western economic penalties over its disputed nuclear program.

The Treasury and State Departments said in an announcement that the eight tankers, capable of carrying roughly \$200 million worth of oil per shipment, are really owned by Iran and not the network of trading companies operated by the Greek executive, Dimitris Cambis.

The announcement said Cambis had established the companies to acquire the tankers for Iran, masking its identity to skirt the sanctions, which have reduced the country's ability to export oil, a critical part of the Iranian economy.

"Today we are lifting the veil on an intricate Iranian scheme that was designed to evade international oil sanctions," David S. Cohen, the Treasury's undersecretary for terrorism and financial intelligence, said in the announcement.

The sanctions apply to Cambis, the eight tankers and what the statement described as 14 front companies acting on behalf of the National Iranian Oil Co. and the National Iranian Tanker Co. Both have already been blacklisted.

Under U.S. sanctions laws, blacklisted people and entities are generally prohibited from engaging in any transactions with Americans, and any assets they may have under U.S. jurisdiction are frozen.

"We will continue to expose deceptive Iranian practices, and to sanction those individuals and entities who participate in these schemes," Cohen said.

Iran's state news media made no mention of the announcement, and attempts to reach Cambis for comment were not immediately successful.

Last month, when news reports implicating him first surfaced, he denied such a collaboration with

Reuters reported on Feb. 26 that Cambis had spent about \$204 million in 2012 to acquire the tankers, and that Iranian tankers had transferred their oil to these vessels on the high seas. These ship-to-ship or STS transfers are difficult to monitor.

Cambis was quoted by Reuters as saying the tankers were for a venture managed from the United Arab Emirates, and that "there is no Iranian vessel that has done any STS with us"

Two senior U.S. officials who briefed reporters about the sanctions said they had ample evidence to justify the action taken against Cambis, describing his activities as part of a wider effort by Iran to evade the sanctions.

"We are confident in our information," said one official, who spoke on the condition that they not be further identified.

# To aid Syria rebels, France urges end to arms embargo

By Steven Erlanger

THE NEW YORK TIME

BRUSSELS — France, joining Britain, is urging its European Union partners to meet this month and end an arms embargo on Syria, to allow weapons to be sent to the opposition there.

"We want Europeans to lift the arms embargo," President Francois Hollande of France told reporters as he arrived in Brussels for an EU summit meeting.

Echoing earlier comments by his foreign minister, Laurent Fabius, Hollande said: "We are ready to support the rebellion, so we are ready to go this far. We must take our responsibilities."

Hollande said that Britain and France were in agreement. "We cannot allow a people to be massacred by a regime that for now does not want a political transition," he said. The EU pact on the embargo and on sanctions against Syria must be renewed every three months.

France is moving for the next review to be held this month, rather than in

"We have to go very fast," Fabius said, urging that the union try to shift the balance of forces in Syria in favor of the opposition before many thousands more people die.

The rebels are clamoring for anti-aircraft and anti-tank weapons. A European supply line could alter the dynamics of the two-year-old Syrian civil war, which is believed to have cost the lives of 70,000 people, without ending the Assad family's decades of rule. French and British officials have said that only once the Syrian president, Bashar Assad, understands that he is losing the battle will he agree to negotiate a political resolution with the opposition. And there is a sense that the Syrian army is beginning to erode, offering a greater opportunity for change.

In February, the embargo was renewed despite British concerns, with Germany and Sweden especially arguing against escalating the civil war. But Britain did win agreement to relax the embargo to allow nonlethal but quasi-military aid, like armored vehicles. The issue is likely to come up in Brussels at the two-day meeting of EU leaders, but their focus will be on the economy.

Hollande met separately with Prime Minister David Cameron of Britain before the summit meeting to discuss the Syria embargo, British officials said. The arms embargo is backfiring, one of the officials said. "It doesn't stop those aiding Assad; it does stop EU countries and others helping those against whom Assad is waging a brutal and terrorizing war," the official said.

Fabius warned that France and Britain might act unilaterally if their European partners disagreed. Asked on France Info radio whether the two would arm the opposition if there was no agreement, Fabius said only that France was "a sovereign state" and that the two countries would jointly act "to lift the embargo."

# Iran abandons chase of drone after warnings from the US

By Thom Shanker

THE NEW YORK TIMES

WASHINGTON — An Iranian jet fighter pursued an American surveillance drone over the Persian Gulf this week.

The long-distance chase ended, however, following a warning radio transmission from an American escort plane, Pentagon officials said Thursday.

The chase, which occurred Tuesday, followed a more serious encounter in November, when Iranian warplanes fired on, but missed, a Predator drone carrying out a similar classified surveillance mission.

Pentagon officials said that in both instances the drones were in international airspace.

Even so, the episodes illustrate the chance of unintended hostilities arising from encounters between remotely piloted surveillance craft and Iranian warplanes in the heavily militarized Persian Gulf. The Pentagon press secretary, George Little, said that in the episode on Tuesday, an Iranian F-4 jet fighter approached within 16 miles of the Predator, which was being escorted by a pair of American military aircraft. U.S. officials did not say what type of American planes were involved.

"The Iranian aircraft departed after a verbal warning," Little said. An initial Pentagon statement said one of the American escort planes had fired a flare to warn the Iranian jet away but later retracted that report.

Little said that after the encounter in November, the United States sent a message to Iran that the American military would "continue to conduct surveillance flights over international waters consistent with longstanding practice and our commitment to the security of the region."

"We also communicated that we reserve the right to protect our military assets as well as our forces and will continue to do so going forward," Little said.

Iran deployed two Russianmade Su-25 jets known as Frogfoots in the November episode, which was the first known instance of Iranian warplanes firing on an American surveillance drone.

The Predator model involved in both encounters resembles an upside-down flying spoon and is not easily confused with a piloted jet fighter.

In 2011, an RQ-170 surveillance drone operated by the CIA rather than the military crashed in Iran during a mission that was believed to have been intended to map suspected nuclear sites.

That episode came to light only after Iran announced that it had electronically attacked the drone and guided it to a landing.

U.S. officials said the drone had crashed after a technical malfunction.

# Hoping to save bees, Europe to vote on pesticide ban

PARIS — Will Brussels try to give bees a break?

In a case closely watched on both sides of the Atlantic, European officials plan to vote Friday on a proposal to sharply restrict the use of pesticides that had been implicated in the decline of global bee populations.

The vote in Brussels, by officials from all 27 European Union member states, follows a January report from the European Food Safety Authority recommending that none of the chemicals of a class known as neonicotinoids should be used on crops that are attractive to honeybees, because of the risk that the insects would be poisoned.

Although even some bee scientists say the evidence is inconclusive, the European Commission, the EU's administrative arm, has embraced the food safety authority's findings. The proposal calls for a two-year prohibition of neonicotinoid use on the flowering crops that lure bees, as well as the seeds of such crops.

That would mean, for example, that farmers could no longer use the products on the colorful fields of grapeseed, or canola, that stretch across huge areas of Europe agricultural heartlands.

"The Commission has come to the conclusion that a high risk for bees cannot be excluded except by imposing further restrictions," the draft proposal says.

Companies that produce neonicotinoid-based pesticides, including the German giant Bayer CropScience and Syngenta, the big Swiss biochemical company, have lobbied strenuously against the moratorium. The American company DuPont is also a leading producer of the chemicals, and Monsanto incorporates it into some of the seeds it produces; in the United States, neonicotinoids are heavily used on the country's huge corn crop.

The European proposal would need the backing of a qualified majority of member states to become law, a system that assigns greater voting weight to larger countries such as Germany, which is said to be reluctant to back the measure.

Uses of the chemicals that would be allowed under the moratorium would be restricted to professional growers, eliminating the danger that home gardeners would unwittingly wreak havoc on bee colonies. At the end of the two years, the results would be reviewed for further action.

EU nations already have the authority to restrict neonicotinoids. Initial approval for chemicals is granted by Brussels, but responsibility for approving the commercial products that contain them rests with member states. As a result various nations, including France and Italy, already restrict their use.

—David Jolly, The New York Times

# Younger generations lag parents in building wealth

WASHINGTON — Pearl Brady has a stable job with good benefits and holds two degrees, a bachelor's and a master's. But despite her best efforts, she has no savings and worries that it will be years before she manages to start putting away money for a house, children and eventually retirement.

"I'm in that extremely nervous category," said Brady, 28, a New Yorker who works for a union. "I know how much money I'm going to be making for the near term. I hope in my 30s and 40s to be able to save, but I have no idea how. It's scary."

Brady has plenty of company. A new study from the Urban Institute finds that Brady and her peers up to roughly age 40 have accrued less wealth than their parents did at the same age, even as the average wealth of Americans has doubled over the past quarter-century. "In this country, the expectation is that every generation does better than the previous generation," said Signe-Mary McKernan, an author of the study. "This is no longer the case. This generation might have less."

The authors said the situation facing young Americans might be unprecedented.

"It's a little bit of a tipping-point moment," said McKernan of the Urban Institute, a nonprofit Washington research institution. "If we don't address it today, they might never catch up."

For instance, the researchers said, if a person delayed the purchase of a home to age 40 instead of buying at age 30, that might result in a \$42,000 loss in home equity by the time she reaches 60, given trends in wealth accumulation over the past few decades.

The Urban Institute study is one of many to show something of a perfect storm of economic trends battering younger workers. One is the collapse of the housing bubble.

A second major trend is the rise of student loan debt, which has continued to grow through the recession, sometimes saddling students with burdens that extend into six figures and might take

—Annie Lowrey, The New York Times

# At least 18 killed in Baghdad attacks

BAGHDAD — Eighteen people were killed and 67 were wounded Thursday when a suicide bomber blew himself up inside the Ministry of Justice compound, which he and other armed attackers had managed to infiltrate after a series of car bomb blasts nearby, police said.

The attacks, apparently coordinated, started when the three car bombs were detonated outside the Justice, Foreign Affairs and Communications ministries, striking the heart of the Iraqi government by hitting an area deep inside a walled compound heavy with security guards in central Baghdad. Shortly after they went off, a number of gunmen, including one who was also rigged as a suicide bomber, raided the Justice Ministry. Security forces killed all of them but the suicide attacker, who managed to blow himself up inside the complex, a security source said.

The police in a preliminary report did not provide a breakdown of how many casualties came from the car bombs or how many were caused by the suicide attack.

After the violence, security forces sealed off roads leading to the ministry area, which is in the Alawi district of the city. Smoke from the blasts rose into the sky.

—Duraid Adnan, The New York Times



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The Tech (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January, and monthly during the sunmer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). POSTMASTER: Please send all address changes to our mailing address: The Tech, PO. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-824, Rassimile: (617) 258-8254, Assimile: (617) 258-8254. (617) 258-8324. Facsimile: (617) 258-8226. Adv typesetting rates available. Entire contents © 2013 The Tech. Printed on recycled paper by Mass Web Printing Company.

# **GUEST COLUMN**

# Honoring MIT's fallen

# Lobby 10 should be renamed to honor the graduates who have made the ultimate sacrifice

By Eric Victor

Lobby 10 is the crossroads of our campus. Student groups use it to advocate for causes, advertise for events, and to practice and perform. Despite its active role in student life and high visibility, many often forget that Lobby 10 serves another purpose — it is a war memorial.

On the walls of Lobby 10 are inscribed the names of MIT alumni/ae who perished in service during the Korean, Vietnam, and World Wars as well as quotes by former MIT presidents Richard Cockburn Maclaurin and Francis Amassa Walker (also a veteran of the Civil War). Names continue to be added to the walls as MIT becomes aware of their sacrifice. Three names have been added to the Vietnam memorial column since its original inscription.

The only other memorialized space on campus for MIT's war dead, besides Lobby 10, exists in the Graduate Student Council's office in 50-220 in the form of a fire place dedicated to Henry Lamy, Class of 1913, the first MIT Engineer to die in World War 1. This older and more modest homage was the first war memorial on campus and was dedicated on Nov. 11, 1920 (The Tech Vol 40, No. 50).

# Lobby 10 is a dull identifier of a space that deserves more. The Institute can do better.

Peer institutions such as Harvard, Yale, and Princeton also have memorials dedicated to the members of their respective communities that died in wartime service to the United States. These locations are named as Memorial Hall or Memorial Rotunda to signify the public dedication these institutions have towards the men and women that walked their halls and gave the ultimate sacrifice to their country. MIT's war memorial is currently named Lobby 10, a non-descriptive and dull identifier of a location that deserves more. The Institute can do better.

Efforts to officially designate Lobby 10 as Memorial Lobby have been underway for the past few years. These efforts have been spearheaded primarily by the ROTC Oversight Committee and the MIT Military Alumni/ae Association. This past December, the Graduate Student Council (GSC) passed resolution 59gsc.6.1 to declare graduate support for renaming lobby 10 in honor of the MIT war dead. The Undergraduate Association subsequently approved a similar motion on February 12th. Though there are many logistical and timeline issues to be resolved, we are proud to say that the student body has spoken uniformly in favor of this change.

We now look to the President of MIT and the MIT Corporation to deliberate and deliver a decision on a space we often pass through that bears a significance we rarely think about.

Eric Victor is the graduate student representative on the ROTC Oversight Committee, the Treasurer of the Graduate Student Council, and a two-tour US Army veteran of Operation Iraqi Freedom.

# BDS — a new name for an old tactic

# Boycotts of Israeli goods do not cure injustice

By Rachel Bandler

On Apr. 1 1933, the Nazi regime implemented a nationwide boycott of Jewish businesses in Germany. Hitler's Sturmabteilung storm troopers stood outside Jewish shops to prevent customers from entering, and vandals painted Jewish stars across doorways with slogans like "Germans! Defend yourselves! Do not buy from Jews" and "Go to Palestine!" This phenomenon quickly spread to other countries, with boycotts against Jews occurring in Poland and Hun-

gary in 1935 and 1938, respectively. Unfortunately boycotts targeting Jews, are not a unique product of the Nazi regime. On Aug. 22 1922, the 5th Arab Congress met in Nabulus and passed the following resolutions: no land sales to Jews, no Jewish immigration, and the boycott of Jewish goods to oppose a national Jewish homeland.

In 1945 the Arab League, an organization comprised of 23 Middle Eastern and African countries, also began a boycott of Jewish goods in the British Mandate territory of Palestine. After Israel's independence in 1948, the Arab League boycott was formalized against Israel and widened to include three levels, which are still in effect today. The first prohibits the importation of Israeli goods and services, the second prohibits individuals from engaging in business with any entity that does business with Israel, and the third prohibits doing business with a company that has dealings with countries on the Arab League blacklist for their good relations with Israel, such as the United States.

The Arab League boycott has religious backing from well-known clerics across the globe. For example, Egyptian cleric Yusuf al-Qaradawi, in addition to denying that Palestinian suicide bombings are acts of terrorism, supports the Arab League boycott by regularly issuing fatwas (religious decrees) calling for boycott of the Jewish state, demanding "a complete boycott of the enemies' goods."

# Students need to realize that BDS is an unoriginal tactic designed to weaken the Israeli economy.

Today, the calls for boycotts against the Jewish State continue on college campuses as part of the "Boycott, Divestment, and Sanctions (BDS)" movement. One may see fliers advertising "BDS" at MIT lining the infinite corridor. Sponsored by over two dozen Arab groups, the BDS movement calls for "boycott as a central form of civil resistance to Israeli occupation," and targets "products and companies that profit from the violation of Palestinian rights, as well as Israeli sporting, cultural and academic institutions."

Sound familiar? That's because BDS

boycotts are no different from those issued in 1922, 1945, and 1948. Although the leaders of the BDS movement put a new spin on the boycott by claiming to be concerned with Palestinian liberty, in reality their end goal is the same as that of the 5th Arab Congress: boycott in order to dismantle and ultimately erase the Jewish nation.

After all, if the BDS movement really stemmed from a newfound concern for Palestinians' treatment in Israel, why were there widespread Arab boycotts of the Jewish State 26 years before Israel's independence, and 45 years before Jews had any autonomy over the "occupied" West Bank or Jerusalem? We would have expected the boycotts to begin only after the Jewish State was founded. In reality, a huge portion of the world's Arab population fundamentally opposes the existence of a Jewish state, and they are utilizing the age-old tactic of boycotts to weaken the Jewish State economically. The BDS movement simply relabeled discriminatory boycotts in the name of Palestinian civil rights.

No one should be fooled into supporting BDS on the premise of upholding human rights and curing injustice. College students should see that BDS is an unoriginal tactic used to stifle Zionist dreams of a Iewish homeland, and is not rooted in any lofty modern day human rights aspirations. It is said that "you can't teach an old dog new tricks," but when it comes to the "Boycott, Divestment, and Sanctions" movement, it is clear you certainly can give an old dog a new name.

# CORRECTIONS

The article titled "Brass Rat unveiled: 2015 Ring Premiere", published on February 19, 2013, was mistakenly not marked as a Reporter's Notebook, Reporter's Notebooks differ from normal news that they are written in first person style and include the reporter's impressions about the event that they attended.

# **OPINION POLICY**

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# Beyond technical communication

# The CI requirement should further stress communication to the general public

By Sam Shames
STAFF COLUMNIST

For many MIT students, the communication requirement is like a trip to the dentist's office. We know it's good for us, and after it's over we are glad we did it, but no one looks forward to it and it's painful to endure.

Everyone who has taken a CI (communication intensive) class has heard the story of how the CI requirement was created in response to feedback from alumni, who wish that they had received more practice during their time at the Institute. Indeed, the CI requirement does an excellent job preparing students for all kinds of technical communication they might encounter in their careers beyond MIT.

However, despite its successes, the CI requirement is missing a strong component of

communication for the general public and other non-technical audiences.

For example, my CI classes within the Materials Science and Engineering Department have exclusively focused on formal communication for an audience of my peers. I've practiced writing technical reports, memos, journal articles, along with poster sessions and presentations. I really feel comfortable with these forms of communication, and I am confident in my ability to effectively communicate my work to academic audiences. In that sense, the CI requirement has been very valuable to me.

But when my fifth-grade cousin asked me about my research, I realized that the CI requirement could do more.

In a time when science is facing greater scrutiny than ever before, effective communication to a non-scientific audience is more important than ever. Every scientist and engineer needs to be able to explain his or her work to the public — whether it's a middle school class, readers of the *New York Times*, or members of Congress. The communication requirement needs to change to reflect this new imperative.

Science writing for the general public ought to be part of the foundation of the communication requirement at MIT.

MIT already has classes in the writing department that teach science writing for a general audience. These classes are a valuable resource, but only a small fraction of students will take them. This skill is too important to be optional — science writing for the general public ought to be part of the foundation of the communication requirement. But CI classes need to focus on more than writing papers — blog posts, newspaper articles, visual aids, and videos can also be effective.

As the face of science in America, MIT owes it to the scientific community to ensure that all its graduates can communicate the importance of science and engineering to all stakeholders. MIT does an excellent job teaching its students to communicate to an audience of their peers. But when the work of many scientists is portrayed as esoteric or even unnecessary, it is essential that we arm our graduates with the tools to defend the value of their work.





# Fill in the blank:

# Dining at MIT is

The Tech will be running a survey about dining at MIT soon. Send suggestions or topics you want covered to dining@tt.mit.edu.

VIONOPINIONOPINIONOPINIONOPINIO

6 THE TECH FRIDAY, MARCH 15, 2013

# UAP/VP tickets face off in debate Thursday evening

# Candidates talk of improving support systems, improving outreach, and communication

UA debate, from Page 1

support between the UA and the student body, improve student spaces on campus, and examine the role of technology in education. Hernandez and Kongoletos emphasized recruiting more student involvement in the UA, strengthening communication between the UA and the student body, and increasing accountability.

# **Student support**

In the area of student support, Rao and Cornish emphasized their association with student communities. "I'm from Chi Phi and Devin is from Chocolate City, so we understand the importance of a small, tight-knit community," Rao said. Rao praised student-run support services such as MedLinks and Peer Ears and

said that it is important that students feel ownership of the services avail-

 $Hern and ez\, replied\, that\, Med Links$ is a good service, but limited, and requires active work with the administration to make it effective. On the issue of student support, Hernandez said he planned to increase S3 walkin hours and publicize students' endof-term rights. Rao responded that those efforts are already in the works, and will continue regardless of which leaders are elected.

Rao also said he plans to revamp Athena clusters by creating more group study space, expand SafeRide service, and become involved in the way technology and edX are used in the classroom. Rao has worked for edX for the past several months and says that this experience will be valuable as UA President. "It's important that your student representative understand the nuts and bolts of technology in the classroom," Rao said.

Hernandez and Kongoletos spoke of their desire to increase support for student groups by improving room allocation, streamlining the funding process, and introducing controlled-value cards for groups so that members don't have to front money themselves before being reimbursed. Hernandez also said he plans to increase undergraduate involvement in the MIT 2030 planning process and make sure undergraduate needs are represented.

# Communication

Finally, Kongoletos said that increasing trust and communication between the UA and the student body is vital. "Two individuals cannot grasp the entirety of what this campus needs," Kongoletos said, so the UA must make an effort to gather student input. Throughout the debate, Hernandez and Kongoletos spoke of their plan to hold regular UA office hours to talk to students, organize student dinners, and send out surveys to gather student opinions.

Rao spoke of his commitment to outreach by describing his strategy during campaigning: "Talk to five people about the UA every single day." He plans to make sure the UA has a presence in busy locations such as Lobby 7, Lobby 10, and the Stata ground floor.

# Dining

One audience member asked what approach each ticket would take to the controversial issue of dining on campus. Rao responded by emphasizing the importance of communication. "What happened last time is that there was a breakdown in communications between what the students wanted and what the student representatives were saying," Rao said. He added that communication with Dormcon is key to understanding student opinions.

Hernandez said that transparency is key in everything that happens on campus. He would help students understand how dining costs are determined by working with Residential Life to break down expenses and show how money is being spent, and possibly identify areas where costs could be lowered.

Voting begins online at 9 a.m. on Monday at https://vote.mit.edu and closes at 11:59 p.m. on Friday.

# Start your Friday night off right with free pizza & snacks!

# Come to the Tech Model Railroad Club & MIT Electronic Research Society Joint Open House, March 15, N52

---- (Next door to the MIT Museum) -----

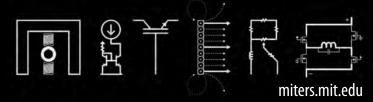
**Dr. Debbie Douglas** of the MIT Museum will talk about club history, 7pm



**Tech Model** Railroad Club



MIT Electronic Research Society



# A memorial for Aaron Swartz

# Friends, colleagues share memories at Media Lab

By Joanna Kao

CONTRIBUTING EDITOR

A memorial was held for Aaron Swartz on the sixth floor of the Media Lab Tuesday evening. The event, hosted by Media Lab director Joi Ito, included speakers like Swartz' colleagues, friends, and family.

Swartz committed suicide in January after being prosecuted by the federal government for downloading 4.8 million JSTOR documents over the MIT network. Swartz co-authored the specification for RSS 1.0 at age 14, was involved in Creative Commons, and pushed for open access to information.

The first few speakers focused on Swartz's life and ways they keep his memories alive. Swartz' friend Alec M. Resnick '08, director of sprout and co., said that "maybe the best way to remember Aaron is to pretend that he's not dead." Another friend Benjamin Mako Hill G shared stories of when Swartz thought outside of the box, thought about the greater good, and was overall a recklessly creative individual."

The mood changed later in the memorial when speakers began criticizing MIT's involvement in the Swartz case. Swartz' partner, Taren Stinebrickner-Kauffman, MIT to consider whether it considered itself a "scientist" or "bureaucracy" and expressed skepticism about the Abelson report. She criticized MIT for not joining JSTOR when they declined to pursue civil charges and making it difficult for Swartz' lawyers to interview MIT staff. She said that she expects the Abelson report to report in timely fashion, ask serious questions, hold people to their mistakes, and propose actionable changes. She also said that Abelson has not reached out to Swartz' father or lawyer yet. Stinebrickner-Kauffman said that Swartz's lawyers are asking to lift the protective order on his files so that evidence in the case can be public - she said that if MIT's investigation is not in "good faith" if it opposes the lifting of this order. Stinebrickner-Kauffman received the longest applause of all the speakers after her tribute.

Swartz' father, Robert Swartz, drew parallels between his son's actions and the risks and actions of technology celebrities such as Mark Zuckerberg, Steve Wozniak, and Steve Jobs. He said the difference was that Aaron wasn't interested in making money. "MIT wants to eliminate risk and risk takers,"

Swartz said. Director of the MIT Center for Civic Media Ethan Zuckerman gave the last tribute - the takeaway is not sadness or anger, he said, but the "communal realization of hope." He also challenged the audience to think outside of the box and to encourage those around us who do.

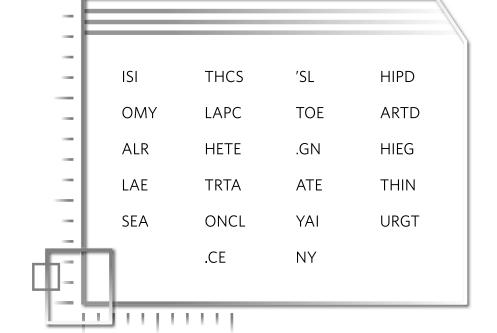
'We have to move forward and amplify as if he were still here leading us forward," Ito said to wrap up the event.

# Swartz' father drew parallels between his son's actions and the risks and actions of technology celebrities.

After the memorial, attendees were encouraged to fill a whiteboard wall with their memories of Swartz, messages to his family, and commitments that have resulted.

Other speakers included Harvard law professor Lawrence Lessig and Harvard researcher David Weinberger.

Video of some of the speeches is available at http://tarensk. tumblr.com/post/45281114505/ mit-memorial-service.



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# Glimpse of the divine

# Dance to surrender to

By Angelique Nehmzow

ARTS EDITOR

Boston Ballet's spring season began last week with *All Kylián*, a compilation of three pieces by the prestigious Czech choreographer Jirí Kylián.

In the first, Wings of Wax, a huge, bare tree hung suspended upside-down on stage, like the skeleton of an abandoned bouquet. I was reminded of Aronofsky's film The Fountain, in which a tree floats in space towards a dying star. Throughout the performance, a single spotlight orbited unhurriedly around the tree, planet-like, subtly changing the lighting on stage. The rest of the stage was lit in a dark and dramatic manner, and the music was a hypnotic combination of pieces by John Cage, Philip Glass, and J.S. Bach.

The eight dancers were utterly captivating, and made me wish the curtain would never descend. They wore close-fitting black outfits with fragments of semi-transparent gauze, and they were so fascinating to watch — I know no better way to put it; I was utterly riveted. Their movements were dynamic, fluid, endlessly varied, and so practiced they seemed intuitive. They slid, balanced, twirled, and leapt, and used their

bodies in unexpected and innovative ways. Sometimes the women would dance in tandem while one man pranced between them, sometimes a single pair of dancers would take the stage. These dances were like love duets - so emotionally charged it was as if the dancing pair were entangled in an inexplicably bittersweet story. For some moves, a dancer would quiver and spasm alarmingly, and her partner seemed to soothe her. The pairs moved such that their bodies were often entwined, and it was difficult to know how the movements were physically possible, or which limbs belonged to whom, There was no more than a heartbeat between one improbable movement and the next, so the best thing to do was simply to surrender and enjoy the visual extravaganza.

The second piece, Tar and Feathers, was more radical and theatrical. On the right side of the stage was an illuminated pile of bubble wrap, on the left side a grand piano supported on ten-foot stilts. Seated there, the pianist Tomoko Mukaiyama accompanied the orchestra's rendition of Mozart's Piano Concerto No. 9 with her improvisations.

The six dancers were semi-nude, and the sporadic sound effect of a snarling lion elicited exaggerated expressions of fear on

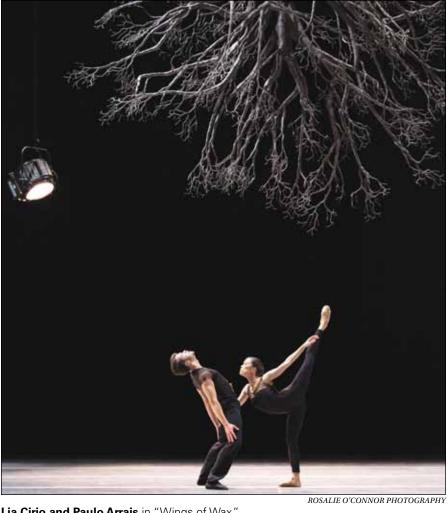
their faces, both of which reinforced the sense of the eerie and carnal. This effect was heightened by the partitioned staging - several times, my attention was engaged by a dancer at the side of the stage when I suddenly noticed a dancer in the middle of the stage, who seemed to have appeared out of nowhere.

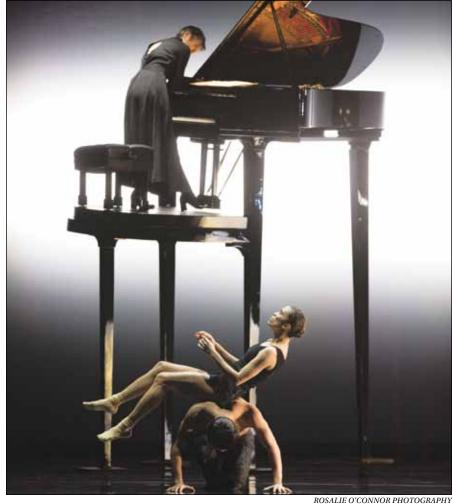
One dance move that particularly struck me was when a female dancer, held aloft, undulated like a mermaid. Another was when a female dancer stood astride two male dancers lying prone, who used their arms to raise their upper bodies and move forward, lunging like swelling waves, and lifting her up off the floor as if she were a dolphin-rider or charioteer. They then pulled on the dark material that covered the floor, pinching it upwards, making it appear as if the floor had the consistency of chew-

The performance ended with alien-like dancers, in cropped black wigs and bubble wrap tutus, dance-miming to voice recordings of Kylián himself reciting Samuel Beckett's poem What is the Word. To the left of the stage, a woman danced spastically, increasing the tension until the final climax, and then slowly releasing it with comic reAll Kylián **Boston Ballet Company** March 7-17, 2013 **Boston Opera House** 

lief, by padding gingerly off-stage along a strip of bubble wrap.

The final piece, Symphony of Psalms, was set to Igor Stravinsky's composition of the same name. The choral symphony was commissioned in 1930 to celebrate the 50th anniversary of the Boston Symphony Orchestra. The stage backdrop was an intricate mosaic of gorgeous Persian tapestries, which were at times lit red, and the only objects on stage were high-backed chairs, which lent a regal air to the performance. The sixteen dancers wore sober-colored shirts and pants, or flowing pale dresses. Their dancing was more traditional, but equally displayed the immense agility, endurance and control of the dancers. The piece was spiritually uplifting, and it completed the evening on a peaceful note. We were left feeling we had glimpsed the divine.





Lia Cirio and John Lam in "Tar and Feathers."

Lia Cirio and Paulo Arrais in "Wings of Wax."

# **VIDEO GAME REVIEW**

# A tale of two SimCities

# It is the best of games, it is the worst of games

By Keith Yost STAFF WRITER

When I was 10 years old, my favorite game in the world was SimCity 2000. I was fanatical about it — I spent whole weekends planning out city blocks on sheets of graphing paper and testing them to see which was the most efficient. I spent so many hours on the simulation that it's possible it sowed the seeds of my political leanings.

# If you want one good reason why you should buy SimCity it is this: it has multiplayer.

10-year-old me was like a modern day Herman Cain, with bold plans to run my government on unimaginably low tax rates. I'd meticulously plan out every square inch of my objectivist utopia, and then check the box beside every penny-pinching city ordinance the game offered. Why pay for

schools, police stations, and hospitals, when you can just merge them all together? Give the city children a fast-paced, handson, experience-based education in crime fighting and emergency services. Nothing says "employable" like a grade-schooler who can perform a tracheotomy.

I haven't played much since then. Junior high, high school, college... these things eat into a young mayor's leisure time, and what I had left to devote to SimCity dwindled. But the thrills of municipal management still called to me. The fire still burned within me. Someday I would build my city on a hill. And all the planners with their inefficient grids and stupid zoning policies would look up and shout "Save us!" and I'd look down from my 0 percent tax rate Eden and whisper, "No."

# Launching not with a bang, but a whimper

It's obligatory to note that after waiting 10 years for the next SimCity, fans were forced to wait a little longer, as the game remained unplayable for days after release. Congested servers, combined with an obnoxious demand rights management policy, meant very few people got to play the game until more server capacity was brought online.

If you've read anything about SimCity in the past week, it's likely from someone preaching the evils of the game's DRM. But the server issues as of writing seem mostly resolved. So we're left with just that usual question when deciding to buy: is it a good

# Heaven is other people

If you want one good reason why you should buy SimCity, it is this: it has multiplayer. That single feature should be enough to command the attention of any SimCity fan. If you were anything like 10-year-old me, your one regret from the game was that you never got to rub it in other people's faces that you were a better mayor, and therefore a better person than they were.

The new SimCity includes multiplayer, and does so in a way that is both clever and full of potential. Cities exist as part of a region, and each region holds between 2 and 16 cities. Within a region, cities are connected by roads and railways. Citizens commute between cities, go on vacations in

**SimCity Maxis Electronic Arts Released March 2013** For Microsoft Windows, OS

other cities, emigrate and immigrate. Cities can trade resources and collaborate on major projects. Pollution from one can drift to another, and research unlocked by one can be used by cities throughout the region.

Regions can be public (anyone can join) or private (invitation only), or, if the player desires, they can control all of the cities in a region by themselves. The game was mostly created as a cooperative multiplayer, but it's not hard to see latent potential for interplayer competition, such that, for example, mayors could jockey for bragging rights.

SimCity, Page 9



China Girl, voiced by Joey King, becomes one of the Wizard's new friends.

# By Angelique Nehmzow

ARTS EDITOR

Oz The Great and Powerful is a prequel to Victor Fleming's 1939 film The Wizard of Oz, starring Judy Garland as Dorothy. In keeping with this, Oz The Great and Powerful begins in gray scale and transitions to color, and the plot involves the Wizard making a medley of new friends. Like the musical Wicked, the film imagines the origins of an important but secondary character, in this case the Wizard of Oz. This version of events, too, explains how the Wicked Witch of the West became so wicked, and sets the scene for L. Frank Baum's story in the book The Wonderful Wizard of Oz.

gains a trusty sidekick, who provides advice, sarcastic comments (much like a monkey version of the donkey in *Shrek*), and on occasion acts cute to elicit an "Aww" from the audience (ditto for Puss in Boots, but with smaller eyes).

The film makes the most of its digital and 3-D capabilities. Some of the Wizard's new friends, such as the little porcelain girl and the aforementioned monkey, are impressive examples of the use of computer-generated imagery. The film welcomes the viewer to a fantastical, Willy Wonka-esque land of musical lily pads and plasticky bejewelled flowers, where the colors are exaggerated and garish. There are also numerous "cheap scares", that is to say, there is a tendency for flying ba-

tongue-in-cheek adult humor, based mainly on the wizard's womanizing habits. There are also some standard take-home morals, such as "Don't underestimate little girls," and "If someone believes in you, don't let them down" (particularly if that someone is a good-looking witch). At the same time, I occasionally struggled to suspend my disbelief – for example, at the simplistic jealousy of the soon-to-be Wicked Witch of the West, and at the Wizard's attempts to steal a wand in plain sight.

The gaggle of pretty Witches is portrayed in a rather black-and-white, or perhaps I should say pink-and-green, manner. Mila Kunis voices Theodora, Rachel Weisz her sister Evanora, and Michelle Williams Glinda the Good. The film almost spends more time on the three of them than on the Wizard, which is a pity, because James Franco offsets the trio with his comic facial expressions. His character is a Kansas circus magician, who specializes in flirtation and deception, and dreams of money and "greatness". By the end of the film, he realizes he can be a better man than he gave himself credit for.

\*\*\*

# Oz The Great and Powerful

**Directed by Sam Raimi** 

Starring James Franco, Mila Kunis, Rache Weisz, Michelle Williams, and Zach Braff

Rated PG

**Now Playing** 

The film ends with an enjoyable climax involving the triumph of illusion (a.k.a. good old science and engineering), over "real" magic. Despite its flaws, *Oz* puts on a good show, and the viewer is left mostly satisfied.

# Some of the Wizard's new friends are impressive examples of computer-generated imagery.

*Oz*'s main problem is that, as one spectator said, it "reeks of Disney." Let me qualify that. The film is another 3-D animation, and it is another prequel to a much beloved classic. Naturally, the Wizard (James Franco)

boons and carnivorous plants to randomly lunge out at the viewer.

The film tries, sometimes uneasily, to be a film for both children and adults. There is a generous (and welcome) sprinkling of



The magical Land of Oz in director Sam Raimi's new film.

WALT DISNEY STUDIOS MOTION PICTURES

# **CAFÉ REVIEW**

# Like a cozy corner in Europe

A hidden café in Kendall Square

By Sophie Chung

If Atomic Bean Café is equivalent to hipsterland, going to Tatte is an escape to relaxed yuppiedom. With its rickety little wooden chairs and the warm light of its collage of light fixtures, it feels distinctly European.

Tatte is a great brunch location to impress your significant other's parents, hardcore foodies, or friends visiting from schools where collars are popped non-ironically. The menu, while slightly more

expensive, has unique dishes like shakshouka — the delicious African take on eggs benedict, and a word that's just ridiculously fun to say. With its meringues, chocolate roses, and delicious brioches, Tatte's pastry selection rivals Flour's. The price point reflects the fanciness of the food and décor, but it's definitely still worth it if you're looking for a treat.

Tatte also makes for a nice place to work in the afternoon. While the coffee is only acceptable, the espresso is delicious, particularly as an affogato (espresso poured

over a scoop of gelato). Even on a rainy Wednesday afternoon, the atmosphere was laidback, warm and chatty — probably better suited for a coffee or pastry date than an afternoon of tooling. Still, there is free Wi-Fi and an outlet in the corner by the water pitchers. Camping out here takes luck and a bit of planning, but it's well worth the trek!

Good for: classier catch-up meals, impressing preppy friends from out of town.

pressing preppy friends from out of town. Highlights: shashouka, crunchy halloumi salad, affogato. Tatte Cookies and Cakes
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Open Monday-Thursday 7 a.m. – 8 p.m., Friday 7 a.m. – 10 p.m., Saturday 8 a.m. – 10 p.m., Sunday 8:30 a. Friday, March 15, 2013



Mark Harvey leads the Aardvark Jazz Orchestra, which celebrates its 40th anniversary this year.

By Denis Bozic

MIT is unquestionably known for science and technology — many of the world's cutting-edge research projects and ideas have either been developed here or are at least somehow connected to the Institute.

What may sometimes come as a surprise is the fact that MIT is also enriched with various forms of art. Besides numerous opportunities to get involved in extracurricular activities related to the arts, students are also able to take classes taught by art enthusiasts who have traveled and shared their work across different parts of the world.

One of these enthusiasts is Mark Harvey, lecturer in Music at MIT, who is also the founder of one of the longest functioning jazz ensembles in the world — the Aardvark lazz Orchestra.

The Aardvark Jazz Orchestra was founded in 1973 and has released 11 CDs to date and more than 150 works. The latest album, titled *Evocations*, was released in 2012 and placed on The New York City Jazz Record's "Best of 2012" list. The orchestra's eclectic music style encompasses both original

works by Mark Harvey, and classics from jazz tradition sometimes fused with world music and other ensembles.

With its long-tenured members, the Aardvark Jazz Orchestra has performed at many different locations and venues, including clubs, festivals, universities, churches, and concert halls. This year marks the orchestra's 40th anniversary, and the members celebrated it last Friday, March 8, by performing *Boston JazzScape* for the very first time in Boston's Museum of Fine Arts.

# Many of the movements were inspired by some of Boston's most notable historic events.

Harvey opened the concert by introducing the orchestra and explaining the background of his newest work, which tells the story of Boston's history and culture over more than two hundred years. Many of the movements were inspired by some of Boston's most notable historic events, such as the largest urban fire in 1872, but some were narratives lesser-known events, such as Mayor Kevin White's *Summerthing* program, a music and culture festival that Mark Harvey attended in the 1970s.

Harvey's memories and emotions attached to this city were clearly reflected in his compositions, which ranged from upbeat "The Journey," "That Summerthing," and short but suspenseful "52," to more down-tempo and serene "Peace Soundings."

Between each movement, Harvey took a moment to explain the story of the upcoming movement and give the audience a glimpse of the orchestra members' works and roles in the ensemble. The story-telling effect of the concert colored the event and drew the audience into Harvey's world, where instruments represented bulldozers, fire outbreaks and people's thoughts. The friendly and lively atmosphere of the orchestra masterfully transformed a jazz concert into an event that resembled a reunion of friends reminiscing the old days and en-

Aardvark Jazz Orchestra presents *Boston JazzScape*Spring Music Series

7:30 p.m. Friday, March 8, 2013

Museum of Fine Arts, Remis Auditorium

joying the wonders of life.

As the orchestra was playing the closing tune during the last movement "The Prophet," Harvey thanked and invited everyone to rejoin the ensemble on April 20, when The Aardvark Jazz Orchestra will perform at MIT as part of the *Echoes and Resonance, Celebrating 50 Years of Jazz at MIT* program. If you missed the chance to see the Aardvark Jazz Orchestra at the MFA last Friday, make sure to stop by Kresge Auditorium on April 20 at 8 p.m. to hear the wonderful melodies of this orchestra.

# After a decade of waiting for SimCity

# Now multiplayer, but disappointingly less challenging

SimCity, from Page 7

# What is this, a city for ants?!

If the prospect of the game's multiplayer feature is the reason you should acquire *SimCity*, then the reason you should avoid it is its single player. In several regards, Maxis has gone backwards in the development of the series, and one of the major ones is this: the cities in *SimCity* are very tiny.

# I often ended up creating entire cities that were nothing more than suburbs, New Jerseys to house the people who would man my New Yorks.

The plot of ground that the player has to work with in any given city is equivalent to the "Small" size in *SimCity 4*. Also, terraforming has been removed, which means any cliffs or bodies of water further reduce the scope of what you have to work with. On most plots, it would be ambitious to get a population of a quarter million people — those who go into this game expecting to create the booming metropolis that the previous installments encouraged will be disappointed. In this *SimCity*, a city barely has enough room to serve a single function. You succeed through specialization — one

city might hold the region's Ivy League university and tech industry cluster, another the region's major port and trade hub.

I have no quarrel with the new reality that one city can't do it all. What makes the reduced size an issue is the extreme to which things have been taken. The size restrictions are so severe that trying to do even just *two* things at once in a city leads to underwhelming performances of both. Playing solitaire, I often ended up creating entire cities that were nothing more than suburbs, New Jerseys to house the people who would man my New Yorks. The problem presents an even larger handicap to multiplayer regions, where everyone wants to make the Big Apple, and no one wants to be of the bridge and tunnel crowd.

# Seek simplicity... but distrust it

Another disappointing aspect of the new *SimCity* is the extent to which the depth of gameplay has been reduced. Gone is the challenge of coming up with complex solutions to complex problems —most of the game's hurdles can be overcome with a single addition or subtraction from your bag of tools. It's hard to make a city that *won't* run on 0 percent taxes.

To some extent, this simplification has led to a better experience. For example, laying out a grid of roads has become much easier, with a smart placement system that does the spacing for you whether you want your roads straight, curved, or something

However, the game seems a little buggy when it comes to zoning and placing build-

ings within the patterns that you make, and the tools, while simpler to use, have lost their precision. So if you don't want to risk letting the game's guided placement system screw things up, tough luck — there isn't a way for you to do any better manually. Also frustrating is the size of "ploppables," like police stations or universities. These player-placed buildings don't fit well into the block sizes that you are doomed to use, and because they inevitably lead to wasted space, they only exacerbate the problems of small-sized cities. The end result is that it is very easy to quickly slap down some roads and wing it to make a pretty city, but virtually impossible to min-max your way to have the best city.

# Maxis has taken SimCity in a direction that appeals to casual gamers.

# Better a diamond with a flaw than a pebble without

On one hand, the introduction of multiplayer to *SimCity* is a groundbreaking development for the franchise. When mods for the game start appearing, things could get really interesting. If neighboring cities can send ambulances, firetrucks, and police cars, why not invading tanks? And with the addition of "zombie outbreak" as one of the game's natural disasters, this new SimCity is only a few tweaks away from being a post-apocalyptic city-planning/survival-real-time-strategy

game in which societies rebuild, cooperate, and clash amidst a lawless, zombie-infested wasteland. No other *SimCity* game has had this sort of potential.

On the other hand, *SimCity* caters so poorly to my obsessive compulsive, minmaxing yen that it almost doesn't seem like a *SimCity* game at all. It feels like an awkward cross-breed with something from Zynga's catalog. And the little interface issues get so much under my skin that even if an exciting SimCity-meets-World-War-Z mod came out, I'd probably still find myself intensely irritated that my munitions factory takes up five-sevenths of a city block and stops me from putting anything on the remaining

Maxis has taken *SimCity* in a direction that appeals to casual gamers, at the expense of the complexity traditional to the franchise. As such, I think of the new *SimCity* as a strictly worse game than alternatives like *Tropico*, even with bug fixes and larger city tiles. At the same time, this latest installment has set in place a framework for multiplayer play that holds too much promise to ignore. As the server issues settle and the multiplayer actually becomes playable, we'll get a better idea of what SimCity really has to offer, and just how much of its potential will be realized.

Wait until spring semester is over before you pick this one up, and if there is excitement over the latest mod or forums of people coordinating multiplayer games, then don't be afraid to pick this game up for about \$40. If not, then... wait another ten

# **CONCERT REVIEW**

# Refreshing to the ears

An exploration of classical music

By Carolyn Chang

Starting precisely together, the basses and cellos began the concert with vibrant depth in their tones. Immediately after, the soloist Vadim Repin began his violin entrance with his eyes closed and a serene face.



Vladimir Jurowski conducts The London Philharmonic at Symphony Hall last Friday. The performance was part of the Celebrity Series of Boston.

Vadim Repin is a world-renowned soloist who has performed with many of the world's greatest orchestras. Playing with such elegance, Repin's live performance was captivating. His cadenza was precise and brilliant, and he impressed the audience with his accurate sudden shifts from low to high positions.

For non-musicians, Shostakovich's *Violin Concerto No. 1* may seem abstract and hard to appreciate. The themes are not easily recognizable, which can make one feel ill at ease. But anyone could confidently recognize that Repin is a great violinist. There is a strength in his playing that makes his tone almost rough, but never harsh. By the end of his cadenza, he had broken a sweat and two bow hairs. The concerto ended with a standing ovation and an excited audience.

After the intermission, the London Philharmonic Orchestra performed Beethoven's *Symphony No. 5*, which opens with one of the most widely recognized themes of classical music. The conductor, Vladimir Jurowski, was precise in his motions throughout the Beethoven piece. Watching him conduct, I could almost hear the comments he might have made during rehearsals, as his motions appeared to act like a reminder for the orchestra. Most conductors, depending on their style, add more motions to their conducting. However, Jurowski made minimal motions even during major beats, not adding extra motion for visual effect.

Since the Beethoven is more conventionally pleasing to the ear, it is much more accessible to non-musicians than the Shostakovich. The entire first movement is based on the first four notes in the piece, three of which are the same note. We can appreciate Beethoven's genius when we realize he composed a piece that consists of essentially just straight eighth notes, with the same four notes. The first movement is full of tension, as if the composer is a little crazy. The also-famous second movement has an especially beautiful main theme, especially when contrasted with the first movement. Throughout the movement, this theme returns in many different variations.

The London Philharmonic Orchestra 8 p.m. Friday, March 8, 2013

**Symphony Hall** 

Conductor: Vladimir Jurowski

**Violin Soloist: Vadim Repin** 

Program: Shostakovich's *Violin*Concerto No. 1; Beethoven's Symphony
No. 5

The next movement has a theme that is passed throughout all the string sections, starting with the cellos and basses and moving to the violas, the second violins, and then the first violins. With orchestras that have a standard seating arrangement, we would be able to physically see the theme pass across the orchestra from right to left. However, this orchestra was set up with the strings arranged from left to right such that you would see the first violins, the cellos, the violas, and then the second violins playing — the basses were in the back left. Although I wasn't able to watch the theme physically pass linearly through the orchestra, it was still performed well. This symphony ends with a crowd-pleasing, energetic, and very fast last movement, so the concert ended with excitement and another standing ovation.

The Celebrity Series of Boston will be presenting the "James Galway Legacy Tour" at Symphony Hall at 3 p.m. on Sunday, March 24. James Galway is a world-class flautist who has sold over 30 million albums and performed in the soundtrack for The Lord of the Rings. The program contains works of many time periods and styles, so should be of interest to anyone hoping to explore and learn more about classical music.

# A new take on arts and entrepreneurship at MIT

\$10K Prize launched for startups that incorporate art

By Grace Young

ARTS EDITOR

Startup companies competing in the MIT \$100K Launch Contest now have a chance to win \$10K for incorporating art or design into their business. The \$10K Creative Arts Competition, sponsored by Arts at MIT, will be awarded annually starting this year. To be eligible, a \$100K entrant must have art or design at the core of its business model. The goal of the prize is to promote art-focused startups and put MIT at the forefront of art and design competitions.

The jury for the prize may include former and current MIT visiting artists, entrepreneurs in the creative industries, local artists, and leaders of the Arts at MIT program.

"Rather than focusing on how art and design are important to a new venture, we are focusing on ventures that are important to the arts," said Sam Hunter Magee, coordinator of the Student Arts Program. "The \$10K Creative Arts Competition recognizes that entrepreneurship in the arts and for the arts is a dynamic and important part of the innovation ecosystem at MIT and beyond."

One startup competing for the prize is lallitara, founded by current Sloan MBA student Bijal Hasmukh Shah G. The company upcycles secondhand saris, using the fabric to make one-of-a-kind products such as upholstery and wall art.

According to Shah, lallitara will "not only benefit undeserved women and the environment, but will also allow us to promote sustainability amongst the arts, design, and creativity communities." Her team learned about the \$10K Creative Arts Competition through the Martin Trust Center and from Magee. Although they considered applying for the \$100K, they did not commit until they heard about the arts prize.

Another team gunning for the \$10K prize is Sistine Solar, which provides architects with software that enables them to weave solar cells into building windows, roofs, and façades, in elegant patterns. Co-founder Ido I. Salama G said his team learned about the prize while competing in the \$100K Accelerate Contest. His team planned on competing in the MIT \$100K Launch Contest before they heard about the \$10K arts addition, but the prize was an

extra incentive.

The winning team is expected to use the prize money to launch its business, just as \$100K winners are required to. The Harvard Innovation Lab sponsors a somewhat similar prize, The Dean's Cultural Entre-

preneurship Challenge, but otherwise this \$10K prize stands apart in a category of its own making. Time will tell what successes its winning companies achieve and reveal the kinds of impact they can make compared to other \$100K contestants.



JOANNA Z

**Bags made from recycled saris, produced by Iallitara,** one of the startups competing for the \$10K Creative Arts prize this spring.

# **Poetry slams at the Cantab Lounge**

# 'Pouring out their hearts and souls on stage'

Long lines. Narrow stairs. Noisy basement. Crowded bar.

A microphone in the spotlight.

Those are the first things to notice when you get to the Cantab Lounge in Cambridge, home of the Boston Poetry Slam. Every Wednesday night, from 8 p.m. onwards, this is where the artists "pour out their hearts and souls on stage," in the words of Simone Beaubien, the SlamMaster, who has hosted all three of the poetry slams I've attended at the Cantab Lounge."

The night begins with an "open mic" session for non-competing poets to perform. This is frequently followed by a "Feature" poet, and then an "open slam." The open slam is, at its core, a competition. Artists compete in rounds and are given scores by five judges from the audience.

There are very few limits on the poetry itself, aside from a time limit and an originality requirement. Some are soft, melancholic, and quietly elegant, some are rapidly fired rap-like words of passion or anger, and others are somewhere in between. They are about love, hate, secrets, loss, opinions, confessions, a funny encounter at a coffee shop, a reflection on hearing raindrops on an April afternoon, a sudden realization or acceptance of sexuality, or anything else.

# The poets are performing purely for their love of poetry, and nothing more.

The last time I was at the Cantab Lounge, I was the fourth person to volunteer as an open slam judge. After a background check — China, Maryland, Minnesota, and now MIT — Simone said, "we like diversity in our judges, so ideally, I'm now looking for

an elderly Hispanic man, but I don't think I'll find one."

To be a judge, you cannot be affiliated with any of the contestants. "So if you've slept with none or all of them, you're golden. If you've slept with some, you can't judge," she joked. "But there's still time!" added a poet from the bar.

The winner of any week's open slam is eligible to compete at the preliminary round of the "Team Selection" slams, and the winners of the final round represent Boston at the National Poetry Slam, which takes place every August. This year's final round took place at the *Cantab Lounge* on March 13th, and the winners will form the home team for this year's National Slam, which will be hosted in Boston.

Although it's a competition, there's no award for winning a slam aside from the satisfaction of winning itself, and that's what makes every poetry slam such a genuine, passionate experience. The poets are performing purely for their love of poetry,

The Cantab Lounge

738 Mass. Ave., Cambridge

The Boston Poetry Slam: Wednesdays at 8 p.m. Doors open at 7:15 p.m.

and nothing more.

I love going to poetry slams. They take away the distance cold words on a sheet of paper can put before a reader, and put a voice, a face, a gesture, a pause, a jump, a gasp, an exclamation, or a deep inhale in their place. They let you feel the poetry through the reverberation that runs from the fingertips with which you tightly grip your wooden chair, and up into your heart. A slam lets you feel a poem, and connect with it in a way that you cannot connect to letters on a page.

FRIDAY, MARCH 15, 2013 THE TECH 11

# Four professors selected for MacVicar fellowships

# Griffith, Miller, Schulz, and Teng recognized for excellence in teaching and beyond

By Isabella C. Wei

Today is MacVicar Day, a celebration of MIT's dedication to enriching undergraduate education. As part of the celebration, this year's MacVicar Fellows are being honored at this afternoon's symposium.

The four MIT professors to be awarded the high MacVicar honor this year are: Linda G. Griffith, professor of biological and mechanical engineering; Rob C. Miller, associate professor of computer science and engineering; Laura E. Schulz, associate professor of cognitive science; and Emma J. Teng, associate professor of China studies. These professors have been recognized for excellence both in the classroom and beyond. They will hold fellowship status for 10 years and be awarded \$10,000 per year of discretionary funds for educational activities, research, travel, and other scholarly expenses.

# **Linda Griffth was** so surprised to hear the news that she 'about dropped the phone?

The Margaret MacVicar Faculty Fellows Program was created in memory of Margaret L. A. MacVicar '65, MIT's dean of undergraduate education from 1985 to 1990 and the founder of the popular Undergraduate Research Opportunities Program (UROP). The MacVicar Fellows are "a small academy of scholars committed to exceptional instruction and innovation in education," according to the Fellows Program's website. They are chosen every year through a three-step nomination process that includes submission of letters by students and faculty, review by an advisory committee and a final selection by the Provost. This year, the advisory committee consisted of Daniel E. Hastings '78, the dean of undergraduate education, Diana Henderson, the dean for curriculum and faculty support, various MacVicar and non-MacVicar faculty members from different departments, and two undergraduate students chosen by the UA, Aparna A. Sud '13 and Tech Arts Editor Grace C. Young '14.

# **Professor reactions**

Griffith said she was so surprised to hear the news that she 'about dropped the phone."

Griffith, who has been a pioneer in developing Course 20, says the creation of the Department of Biological Engineering was "driven by enthusiasm by students." Griffith says the most rewarding part of teaching at MIT is running into students at conferences who tell her they "learned something and went on to use it" in their careers — her passion to connect the impact of science to the classroom affects her students greatly. As a

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postdoc, Griffith was diagnosed with endometriosis - a gynecological condition where cells from the uterus grow outside the uterine cavity — and started the Center for Gynepathology Research at MIT to raise awareness of women's reproductive health problems. Soon, she had students insisting there be some connection to women's health issues in every core class. In a senior design project class, students came up with ideas to image

# 'It's an incredible honor to be included in the cadre.

— Rob Miller MACVICAR FELLOW

Miller said "it is an incredible honor to be included in the cadre' of the MacVicar Fellows, who "are some of the colleagues that [he] respects the most."

Miller, who teaches 6.005 and 6.813 and serves as a faculty advisor for 6.470, is an influential figure in user interface at MIT and has been teaching at MIT for 11

"It's been stupendous," Miller said. "You have incredibly smart students who have a huge amount of energy."

Colleagues of Miller say he "embodies the ideal of an MIT teacher - caring, engaging, tirelessly working on behalf of the students, eliciting respect, admiration, and joy from the students." Miller's students say his "course was the only one whose lectures I felt could not be missed."

In 2008, Miller created the undergraduate version of User Interface Design and Implementation, now 6.813. The class has since grown so much that they hold prototyping sessions in Walker Gym. Miller also runs the User Interface Design Group, focusing on crowd computing, UI automation and customization, and software development. In the next few years, he sees the group carrying out significant research in developing tools for online education.

# For Schulz, the best part of teaching at MIT is 'the students, without any question.

Schulz feels similarly "privileged to be on such an impressive list of past recipients."

Schulz, who teaches 9.41, 9.50, and 9.85, came from a background in working with students at risk of dropping out of school. She says when she first arrived at MIT, she had trouble "getting used to standing up and talking to the room without anyone walking out or swearing at her." For Schulz, the best part of teaching at MIT is "the students, without any question."

"The standard of excellence at MIT isn't how well you do," Schulz said. "It's how you answer questions... a lot of places can be caught up in working for gold stars - everyone [at MIT] sees the world as a big challenge."

She encourages her students to "get an idea of what [they] care about, and turn it into something real." Her colleagues say "she sets the highest example for MIT undergraduates on how to be a scientist, an educator and a person who is deeply committed to helping others develop themselves and their potential."Teng feels "especially honored because Professor MacVicar was a trailblazer for all women faculty." She echoes MacVicar's view on teaching: "Our purpose is to direct the best minds toward inquiries and enterprises concerned with the human condition."

Teng, who received her AB, AM, and PhD degrees from Harvard University, is the force behind the development of Asian Studies courses at MIT such as 21E.075 and 21F.043. She attributes the growth of the Asian Studies minor in the last five years to her students, who asked for HASS-D and CI-H courses in the field. Teng views teaching as a "partnership with students"

about Professor Teng is her ability to simultaneously be an instructor, a mentor, and a confidante to her students."

Having been a teaching fellow at Harvard before, Teng points out that her students at MIT are "for the most part not humanities majors" and thus bring "interesting,

# Teng views teaching as a 'partnership with students' and tried to be 'responsive to student interests as much as she can.'

and tries to be "responsive to student interests and needs as much as [she] can."

Her colleagues attest to this, claiming there is "no other faculty member who appears always to be with a student... Professor Teng attracts students like a magnet She is a mentor to many." Teng's approach to teaching resonates with her students, who say "what has continually impressed [them]

challenging questions from different perspectives." She loves that MIT students are from "diverse backgrounds and do not bring a sense of entitlement." Teng's colleagues say "she brings to the classroom an open atmosphere that welcomes alternative viewpoints; she takes pains in guiding students to find the rich convergence between real life issues and classroom learning."



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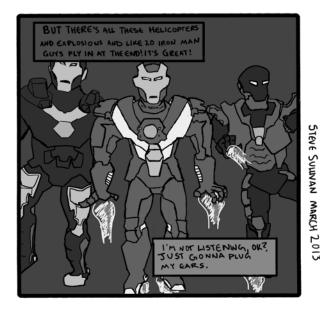


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# **UPPERCUT** by Steve Sullivan









# [1185] Ineffective Sorts

# INEFFECTIVE SORTS

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IF LENGTH (LIST) < 2:

RETURN LIST

PIVOT = INT (LENGTH (LIST) / 2)

A = HALFHEARTED MERGESORT (LIST[:PIVOT])

B = HALFHEARTED MERGESORT (LIST[PIVOT:])

// UMMMMM

RETURN [A, B] // HERE. SORRY.

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// AN OPTIMIZED BOGOSORT

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FOR N FROM 1 TO LOG(LENGTH(LIST)):

SHUFFLE(LIST):

IF ISSORTED(LIST):

RETURN LIST

RETURN \*KERNEL PAGE FAULT (ERROR CODE: 2)\*



by Randall Munroe DEFINE JOBINIERNEW QUICKSORT (LIST): OK 50 YOU CHOOSE A PWOT THEN DIVIDE THE LIST IN HALF FOR EACH HALF: CHECK TO SEE IF IT'S SORTED NO, WAIT, IT DOESN'T MATTER COMPARE EACH ELEMENT TO THE PIVOT THE BIGGER ONES GO IN A NEW LIST THE EQUALONES GO INTO, UH THE SECOND LIST FROM BEFORE HANG ON, LET ME NAME THE LISTS THIS IS UST A THE NEW ONE IS LIST B PUT THE BIG ONES INTO LIST B NOW TAKE THE SECOND LIST CALL IT LIST, UH, A2 WHICH ONE WAS THE PIVOT IN? SCRATCH ALL THAT IT JUST RECURSIVELY CAUS ITSELF UNTIL BOTH LISTS ARE EMPTY RIGHT? NOT EMPTY, BUT YOU KNOW WHAT I MEAN AM I ALLOWED TO USE THE STANDARD LIBRARIES?

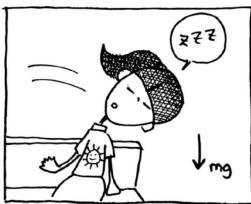
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# 5 KETCHY by Dohyun Lac FALLING DOWN









# **Synthetics** by Fred Piscopi

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- "Sorry!" 45 Today's teen,
- often
- 47 GNP and RBI 50 Slip into
- 51 Synthetic wear
- 60 Fable ender

- 66 Dental plan,
- maybe
- 67 Paint type

# **DOWN**

- 1 Set as a price 2 Leave speechless
- 3 In vogue 4 Diabolical
- 5 R-and-R spot
- 6 Easy mark
- 7 Skip past
- 8 Casino game 9 Board member
- 10 Priest's domain
- 11 Smooths out 12 South Pacific

- 13 Tending to fidget
- 21 Turndown vote

kingdom

- 22 . . . Cuckoo's Nest author
- 25 Deep cut
- 26 Ready to pluck 27 OPEC charter
- member 28 Bout-ending
- number
- 29 Leisurely pace 30 Dairy sounds
- 31 "\_\_ be my
- pleasure!" 33 Checkup, for
- one
- 34 Force to leave 35 Diamond-

shaped toy

- dress 45 Outdo 46 Paint type

36 Move just a bit

38 Throw water on

40 Jazz instrument

44 Designed, as a

39 First mother

- 47 Add zip to 48 At present
- 49 Exclusively
- 50 Wet one's whistle
- 52 Spill (over)
- 53 Docile
- 54 By any chance
- 55 PBS science series
- 56 Moderate pace
- 57 Benefit
- 61 Law, in Latin

# Sudoku

Solution, page 14

# 5 4 3 9 4 6 3 6 8 2 6 8 8 5 8 6

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

# Techdoku Solution, page 14

72× 30× 6× 10× 2-21+ 72× 12× 40× 180×

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

14 THE TECH FRIDAY, MARCH 15, 2013

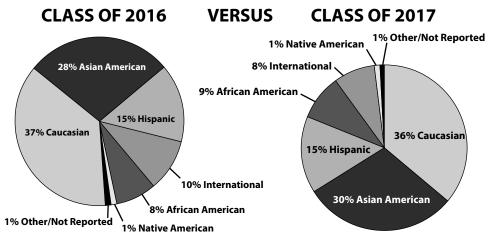
# Class of 2017 admissions released

Largest pool of applicants, lowest acceptance rate of 8.2 percent

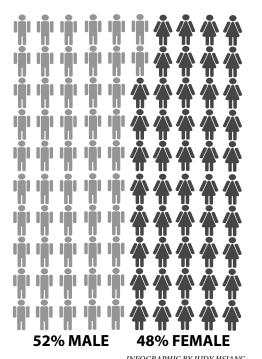
Admissions, from Page 1

counter at a school like MIT, Schmill said. That experience can be very different from, say, taking classes at a local community college, which many previously have done for enrichment.

Based off the high number of interested applicants, Schmill expressed pleasure that consciousness about MIT seems to be growing, both domestically and internationally. "Young people today are growing up with a greater appreciation of science and technology, more so than just about any other time," he



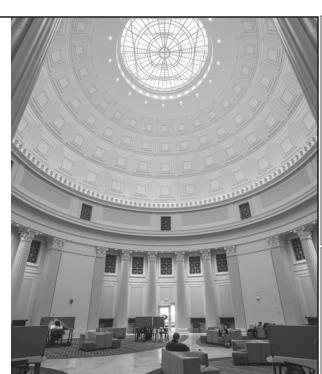
INFOGRAPHIC BY JUDY HSIANG



# Study under the Dome-24/7!

The Barker Reading Room has reopened as a 24-hour study space.

Enjoy the beauty of the open oculus, better lighting, and other improvements that make this a perfect spot for studying-during the day or at 3 am!



Use your MIT ID for secure access to the Barker Reading Room after hours.

# Solution to Techdoku

4	6	3	7	5	2
5	1	4	2	6	3
2	4	1	5	3	6
6	2	5	3	1	4
1	3	6	4	2	5
3	5	2	6	4	1

# **Solution to Sudoku**

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

# Solution to Crossword

from page 13

- 1	∣∣A	S	T	E	R		P	0	K	E		P	E		Α
- 1	S	T	0	٧	Е		Α	М	Ε	X		Α	٧	0	N
- 1	K	U	N	I	S		Т	I	N	Ε		R		N	
- 1		N	Υ	L	0	N	S	T	0	C	K	ı	N	G	S
- 1					R		Y				E	S	S	A	Y
╝	G	R	I	T	T	Υ		Α	М	1	S	Н			
П	Α	T	R	E			Е	М	O	T	E		0	K	S
П	S	Р	Α	N	D	E	X	В	0	D	Υ	S	U		T
ч	H	E	N		0	V	Α	L	S			Α	S	T	I
				S	U	E	М	E		T	E	X	T	E	R
	S	T	Α	T	S				D	0	N				
1	P	0	L	Υ	E	S	T	E	R	Р	Α	N	T	S	
Ø	T	D		L		L	Α	٧	Α		М	O	R	Α	L
8	C	Α	N	E		O	М	E	N		E	V	O	K	E
	E	Υ	E	D		Р	E	R	K		L	Α	T	Ε	X
1															





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Payable/Receivable Payroll Clerk

Good communication and organizationa skills.

send resume to: davido.m123@gmail.com FRIDAY, MARCH 15, 2013

THE TECH 15

# Two tickets on the ballot for 2013-2014 UAP/VP

# Rao/Cornish and Hernandez/Kongoletos share their visions for the offices and the UA

By Stephanie Holden

ASSOCIATE NEWS EDITOR

Students will cast their votes next week for the 2013–2014 Undergraduate Association President and Vice President. The next UA President and Vice President will take office at the end of the spring term. There are two tickets running this year: Cory D. Hernandez '14/John Kongoletos '14, and Sidhanth P. Rao '14/Devin T. Cornish '14. Voting opens on Monday, March 18 and will be open at vote.mit.edu until Friday, March 23.

Now that current UA President Jonté D. Craighead '13 and Vice President P. Michael Walsh '13 have stabilized the transition from a senate structure to the UA Council, neither ticket has major plans to change the infrastructure of the UA, but both teams have placed great emphasis on making the UAP/VP more accessible to the general student population by holding office hours on campus.

# Both teams have placed great emphasis on making the UAP/VP more accessible.

The candidates also agree that students would benefit from more information about MIT's academic, mental health, and wellness services, and both tickets mentioned wanting to increase availability of public transportation such as the Safe Ride and the Boston Daytime Shuttle.

# Hernandez/Kongoletos

Kongoletos and Hernandez currently serve as Finance Board (Finboard) Chair and Vice Chair, respectively, and both have had considerable experience in UA committees and student groups. Hernandez serves on five committees total and is a leader in eight different student groups. "I've seen a range of student groups from cultural groups to advocacy groups to activism to academic groups... it really has given me a great amount of perspective from students," said Hernandez.

Their three-step platform of recruitment, student engagement, and accountability places an emphasis on acting on student feedback. "The UA is not there to poke fingers into every student group, the UA is there to help the students support what they would like to see," Kongoletos said. They would also like to get more input from undergraduates on topics such as the renovations in Kendall Square, changes to CPW policies, and diversity and inclusion.

# Students could use the CVC cards for payment rather than paying out of pocket.

Another initiative they are advocating as members of the Controlled Value Cards (CVC) Committee is the development of a CVC system for all student groups. Each card would be assigned a certain value through the Student Activities Office, and students could use the cards for payments rather than paying out of pocket and getting reimbursed later. They hope to have a limited number of cards available this fall for some beta groups which have both "demonstrated the ability to work with the funding system and have large enough events that we can see a variety of where the cards fail and where the cards succeed," according to Kongoletos.

They want to engage greater

student involvement and clearer communication by bringing back monthly newsletters and continuing dialogue to make sure that students are getting the information they want. Along with the newsletters, Hernandez said that outreach will happen in the form of "sending some more emails and more posters, more tabling beyond just the activities midway for recruitment purposes, and getting students interested as much as possible into joining the Undergraduate Association."

# Rao/Cornish

As UA outsiders, Rao and Cornish want to take the UA "to the next level with renewed passion and vision" while keeping some members, such as the Chief of Staff and various committee chairs, in their roles. They believe that this balance is extremely important for bridging the gap between new and old leaders and maintaining the stability that was established by the previous president and vice president.

"Over the past three or four years, you've seen a lot of people who have been in the UA and led it to stability, but we don't feel there's really a message and a core to what is happening. I think stability is important, but we do feel that taking it to the next level comes from our providing it a little bit of vision, and people coming to it," said Rao.

Rao has experience with the election process, having served as class president of his high school. More recently, he was treasurer of his fraternity, Chi Phi, and is a founding member of The Forum, a student group which hosts political discussions. Cornish was a co-chair of his living group, Chocolate City, and is involved in many academic support services such as academic advising and the Tutorial Services Room (TSR).

# 'Vision with a Checklist' includes mutual support, student spaces, and tech in education.

Their slogan is "Vision with a Checklist," which includes mutual support, student spaces, and technology in education. The programs they would like to implement in student spaces range from providing door stoppers for all rooms in Maseeh so students can prop their doors open to transforming the Coffeehouse into a functioning café.

They are also interested in streamlining committees by selecting only five or six people per committee and giving more ownership to committee chairs. They would accomplish this by asking the chairs about their visions and letting them run with their ideas.

Regarding their interest in technology in education, Rao has been working at edX for 10 months and is very passionate about the transformations that edX can bring to MIT. He mentioned that edX can give students more resources and confidence in their academic performance, as well as provide the structural capacity to work out scheduling conflicts so that people can focus on an interdisciplinary education.

"We're not so much saying these are our concrete ideas of how we want to shape the institute and we want you to carry these out. Instead we're saying, 'This is our process for carrying out your ideas, now bring to us your goals and visions, and let us help you bring them to fruition," Cornish caid

Candidate platforms and contact information can be found at <a href="http://elections.scripts.mit.edu/candidates/">http://elections.scripts.mit.edu/candidates/</a>.



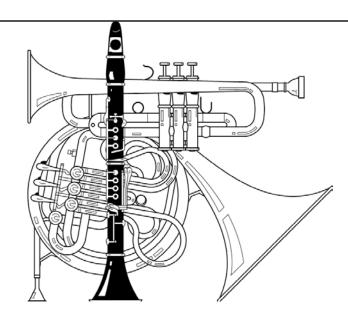
TAMI FORRESTER—THE TECH

**Devin T. Cornish '14, vice presidential candidate, and Sidhanth P. Rao '14, presidential candidate,** are running in this year's Undergraduate Association elections.



AMI FORRESTER—THE TECH

Cory D. Hernandez '14, presidential candidate, and John Kongoletos '14, vice presidential candidate, are running together in this year's Undergraduate Association elections.



# MIT Concert Band Winter Performance

# Sunday, March 17<sup>th</sup> at 3pm in Kresge Auditorium

Will feature works by
Shostakovich, Grainger, Persichetti, Poulenc, Holst, and
Saint-Saens
Free dinner following performance!

# Play a wind or percussion instrument? Come join us!

All levels accepted – no auditions required. Come to rehearsal and introduce yourself!
Sundays 6-8pm and Tuesdays 7-9pm in W20-407

For more information, email the band officers at bavicchi-lives@mit.edu

This space donated by The Tech

# ATHLETE OF THE WEEK: EVANGELOS L. EFSTATHIOU '00

# Assistant fencing coach heads to World Cup

Former team captain and MVP takes passion for fencing to international heights

**By Carlos Greaves** 

Meet Evangelos L. Efstathiou '00. When Evan isn't traveling the world as a maritime software sales director, assistant coaching for the MIT Varsity Women's and Men's Fencing teams, or teaching his 5-year old daughter Katherine how to fence with foam swords, he is competing in the U.S. and International fencing

# Evan plans to compete in the Athens and **Chicago World Cups** later this year.

Evan grew up in Atlanta after his parents moved there from Katerini, Greece. He learned about sports in high school, where he played soccer, ran cross country, and was a member of the wrestling team and ROTC. He was in Atlanta during the 1996 Olympic Games and was inspired by the remarkable athletes he met during that time. Shortly after arriving at MIT that summer, Evan happened to see a video of MIT Fencing Coach Jarek Koniusz fencing saber in the finals of the 1989 World Championships during the Athletics Expo in Rockwell Cage. Inspired, Evan joined the fencing team, and quickly excelled in the sport. He was voted team captain by his junior year, and was both captain and team MVP his senior year.

After graduation, Evan continued competing, and in 2001 he competed in his first International Fencing Federation (FIE) World Cup, a series of tournaments that are used to determine world rankings and Olympic selection. Between 2001 and 2008, Evan competed all around the world, reaching as high as 83rd in the world while traveling to faraway places such as Russia, Turkey, Cuba, Venezuela, Tunisia, and Iran. Evan returned to competition in 2012 after taking a four-year break, and by placing 24th in the North American Cup this past December, qualified to once again compete at the World Cup level. This past month, Evan competed in Padova, Italy, and plans to compete in the Athens and Chicago World Cups later this year.

Evan says that this time around, the thing that has changed the most for him as an athlete has been his mental game. Evan has gone to great lengths to improve this aspect of his game through research,

practice, and even meeting with sports psychologists to learn ways to cope with stress and outwit opponents. According to Evan, these skills are directly applicable to work and personal life. Because fencing bouts are one-on-one, a fencer must have an intimate knowledge of their opponent's physical and mental strengths and weaknesses: attention to detail is critical. In addition, Evan also watches hours of tapes of his opponents in order to better understand their fencing styles.

Perhaps the most important aspect of Evan's success has been his relationship with Coach Jarek Koniusz, who has been coaching at MIT for over 20 years. During this time, Jarek has trained 34 fencers who have competed at the NCAA championships and 17 who have won the New England Championship. Evan has been training with Jarek one-on-one for thousands of hours over the past 16 years, and it is no coincidence that Evan's weapon of specialty is also the saber.

# A fencer must have intimate knowledge of his or her opponent's physical and mental strengths and weaknesses.

Evan is not the first MIT fencer to excel in the sport. MIT alumni Joe K. Levis 28 won a silver medal in the foil at the 1932 Olympics in Los Angeles, and Johan G. Harmenberg '81 won a gold medal for his native Sweden at the 1980 Olympics in

Due in part to its rich history as a fencing powerhouse, MIT has a wonderful network of former members who continue to support the team. Alumni of the MIT fencing team recently raised \$360,000 for a renovation that transformed the fencing room from a limited space with non-regulation fencing strips to a state-of-the-art practice facility, equipped with a shock absorbing floor and overhead electronic scoring boxes.

Evan is happy to have been a part of the MIT fencing community for such a long time, and is thrilled to be rejoining the international fencing community as well. Be sure to cheer him on this April as he competes at the U.S. National Championships in Richmond and the World Cup in Athens, and look for him in the DuPont Gym for years to come.



Evangelos L. Efstathiou '00, a former fencer for MIT, is the athlete of the week.

# MIT curling team takes bronze at Nationals

MIT defeats Boston University twice in championships for season-ending victory

By Andrea Dubin

to a bronze-medal finish in the playoffs at the National College Curling Championships in Duluth, MN. The title capped an overall 5-1 win-loss record at the event, which was held from March 8 to March 10. This year, the national competition was limited to 16 schools that earned the highest number of merit points in local bonspiels (the curling term for tournament). MIT earned their berth in the national competition by posting an undefeated record for the season, winning both bonspiels they competed in this

# MIT defeated BU in the bronze medal game to secure their third place national title

At college nationals, MIT's team (skipped by Phillip M. Nadeau G, with vice Nishanth K. "Nish" Dev G, second Andrea R. Dubin G, and lead Gregory Alan Dooley G) posted a 3-0 record in round robin play, defeating teams from Rensselaer Polytechnic Institute, Car-

roll University, and Bowling Green State University. They earned a place in the semi-finals by defeating Boston University in the quarter-final round, but lost in the semi-finals to No. 1 ranked St. John's University in a very close game - MIT was leading by two going into the last end. MIT defeated BU once again in the bronze medal game to secure their third place national title.

This year's team also consisted of David S. Tax G and visiting student Steven Gordon who competed on the team in the local qualifying bonspiels, but did not attend the nationals.

This is not the first year the MIT Curling Team has found success in the National College Championships. The team won gold at the nationals in 2011 led by Tax and posted a 2-1 record in the round robin play in 2011, but missed reaching the semi-finals due to the tie-breaking

For those who have never heard of or seen curling before, it is often described as shuffleboard on ice. Curlers attempt to slide granite stones down a long sheet of ice and get them to stop in a target (called the house) at the other end of the ice. The MIT Curling Club is made of MIT grads and undergrads, regardless of skill or experience, and practices from October to



Phillip Nadeau G delivers the rock at the National College Curling Championships.

# UPCOMING HOME EVENTS

# Saturday, March 16

Sailing vs. Central Series One Baseball vs. Clark University Women's lacrosse vs. University of Maine-Farmington Baseball vs. Clark University

9:30 a.m., Charles River 12 p.m., Briggs Field 1 p.m., Roberts Field 2:30 p.m., Briggs Field