UA elections see low voter turnout
Joke & write-in candidates among elected; run-offs planned

By Janelle Mansfield
The biannual whiff of Undergraduate Association election season has passed, leaving a Senate-elect consisting of dedicated students, a pokémon, a risky historical figure, a feline, and several seats still to be determined by run-off elections. Eighteen percent of MIT students voted this fall, slightly lower than the average, which UA Elections Commissioner Daniel D. Hawkins ’12 estimated is in the low 20s. There were also fewer official candidates this year, which caused an increase in write-ins. Hawkins said the decline in official candidates could be due to a lack of publicity or scheduling conflicts. “We had to schedule the candidates’ meeting during the freshman trip to the aquarium,” he noted. Why did only 8% of 4425 undergraduates vote? “It might indicate that students don’t have much faith in the [UA],” he said. “They don’t associate a lot of value with...”

FredFest IV showcases local bands
Organizers and attendees deem concert a success

By Adisa Kruayatidee
Last Friday marked the fourth anniversary of FredFest — MIT’s largest outdoor concert — held in East Campus courtyard.

Joseph F. Graham Jr., East Campus house manager and primary FredFest manager, estimated about 200-300 people present at any given time, and up to 500 people to have passed through during the course of the entire event. Two students who attended the concert said at least 50 students were present during the time they were there.

“The freshmen this year were especially energized,” noted Thomas L. Delaney, East Campus housemaster.

Featured bands on Friday included 21:11, East, Mission Hill, and Air Traffic Controller. This year’s line-up sported credits such as a nomination for MTV’s Best Breakout Artist and opening acts for Kelis and Usher.

Delaney attributed part of FredFest’s appeal to its well-planned timing. Early in fall semester the event was scheduled to coincide with the Hatch Brown Trophy regatta this Saturday. The regatta attracted teams from as close as Harvard to as far as the University of Minnesota.

IN SHORT
The last day to drop your meal plan or switch to a less expensive one is this Saturday, Sept. 24. You can do so at http://dining.mit.edu/meal-plans/changeform/.

Career Fair is tomorrow from 11 a.m.–5 p.m. in Johnson. Visit http://career.fas.net/edit for more information and a schedule of Career Week events (or check pg. 12) so that you can use your free time advantage of the career fair, tomorrow is an student holiday — no classes!

Technique’s A Day In The Life of MIT project is this Thursday, Sept. 22. Grab a camera, carry it around with you, and take a day’s worth of photos! Visit http://aditl.mit.edu/for more information.

Donate blood this week today from 8 a.m. – 2 p.m. or Wednesday through Friday from noon to 6 p.m. in La Sala de Puercos, second floor of the Student Center.

Check out the Tech cartoon exhibit this Friday in 30-185 (Bush Room)!

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

Hungry on the weekend? Clover will soon be open!

The delicious smell of pecan pralines wafted over the west side of campus this past weekend. On Saturday, the Clover food truck that is normally parked on Carlton Street behind the MIT Medical building was docked in front of the Student Center.

Check out the Tech cartoon exhibit this Friday in 30-185 (Bush Room)!

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

OBITUARY
Nicolas E. Del Castillo ’14
Remembered as a friend with passion for learning

By Jingyun Fan
Nicolas E. Del Castillo ’14 was found dead in his East Campus dorm room on Sept. 4. He was 18. His death was the result of an apparent suicide by asphyxiation. A memorial mass was held for him at the MIT Chapel the following Sunday.

“Nicolas, like many undergraduates, brought MIT many gifts of intellect, of creativity, of leadership, of community spirit,” his friend says with us. Nicolas convinced me that his contributions, although short in time, are lasting. We will miss him as we have already, every time we come across his accommodations to his family, to his friends,” said Wesley L. Harris, the housemaster of New House, where Del Castillo spent some of his free time. “Nicolas remains a part of us.”

Del Castillo was born in Bogotá, Colombia, on Aug. 13, 1993 to Henry Del Castillo and Sandra Muñoz. Before arriving at MIT in 2010, he attended the Colegio Calasanz de Bogotá.

A brave scholar
In his freshman year at MIT, Del Castillo excelled academically and planned to major in math. In an obituary published by the MIT News Office, Henry Del Castillo recalls one of Nicolas’ early interests in math in eighth grade. “He asked me, ‘Papi, is there a mathematical way to determine how much would you need to spend on rent a problem that mathematicians have been working on for years and years. And he said, ‘I’m going to solve it’.”

“He was always a scientist,” Muñoz told the

Castillo, Page 17
Obama: $320 billion cuts in Medicare, Medicaid

By Robert Pear
THE NEW YORK TIMES

WASHINGTON — President Barack Obama’s budget director said Monday that the president’s new deficit reduction plan would impose “a lot of pain,” and that is clearly true of White House proposals to cut $320 billion from projected spending on Medicare and Medicaid in the coming decades.

Obama proposed higher premiums and deductibles for many Medicare beneficiaries and lower Medicare payments to teaching hospitals and rural hospitals. He would start charging co-payments to frail homebound older people who receive home health services, and he would reduce the growth of federal payments to states for treating low-income people under Medicaid.

The White House said Obama’s proposals would cut $248 billion from the projected growth of Medi- care in the next 10 years, while sharing $72 billion from Med- icaid and other health programs. A large share of the Medicare savings would, in effect, be used to pay doctors, who would otherwise face deep cuts in the fees they receive for treating Medicare patients.

The proposals are part of a package to reduce deficits by more than $3 trillion over 10 years, be- yond the $1 trillion in savings already assumed under the debt limit law that Obama signed in early August. The package includes tax changes intended to raise $1.5 trillion in revenue over 10 years.

Obama would also allow the United States Postal Service to cut its losses by ending Saturday mail delivery. He would reduce farm subsidies by $38 billion over 10 years, require federal employees to contribute more to their pension plans, force military retirees to pay more for prescription drugs and charge higher fees to air travelers for “aviation security.”

Jacob J. Lew, director of the Of- fice of Management and Budget, rejected suggestions that the White House was going after rich people.

“If you look at the details of what’s in the plan that the presi- dent is sending to the Congress,” Lew said, “there is a lot of pain, and it’s spread — it’s spread broadly and we think fairly.”

Medicare and Medicaid insure more than 100 million people and account for nearly one-fourth of all federal spending. The pro- posed savings, which provoked predictable protests from health care providers, represent less than 3 percent of what the government expects to spend on the programs in the next 10 years.

Speaking in the Rose Garden on Monday, Obama said his plan — in the form of recommendations to a bipartisan congressional com- mittee on deficit reduction — “in- cludes structural reforms to reduce the cost of health care in programs like Medicare and Medicaid.”
WEATHER

Final days of summer bring warm-up

By Vince Agard

Although we have been experiencing weather more evocative of autumn than summer for the past few days, the summer season has yet to officially run out, as this Friday will be the first day of fall. Fittingly, we will get a break from the recent fall-like weather for some slightly warmer temperatures this week before the autumnal equinox. A warm front will enter our area this afternoon, bringing with it some showers and breezy winds as it moves through. However, the rain will let up overnight, making way for more pleasant weather tomorrow, as southerly advection will raise temperatures to around 77°F. Be sure to enjoy it while it lasts, as the threat of showers will return on Thursday and hang around for the rest of the week.

Extended Forecast


Friday: Partly cloudy with a chance of showers. Highs in the mid 70s °F (23°C).

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  - software
  - aerospace
  - energy
  - bioengineering
  - finance
  - strategy consulting
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  - manufacturing
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Info Sessions (Free pizza!)

**Tuesday Sept 27**
5:30 PM
4-270

**Tuesday Sept 27**
7:00 PM
4-270

**Wednesday Sept 28**
5:30 PM
4-370

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I think of UPOP as a career success accelerator.

John Chisholm ’75 | MIT CDC

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Freshman paddler

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- UPOP Info Session sign-ups!
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---

import new_skills

def learnMarketableJobSkills():
    return linux, OSX, javascript, applescript, perl, python

if you.interest == True:
    print "E-mail join@tech.mit.edu"

---
Opinion

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Letters to the editor, columns, and editorial cartoons cannot be published without signatures or any electronic signatures, and should not be sent to the editorial staff. Hard copy submissions will be accepted by the editorial staff at The Tech, P.O. Box 970527, Cambridge, Mass. 02293-7027, or by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must be typed or printed clearly, double-spaced. Condensed letters, smaller letters will be given higher priority. Once submitted, all letters become property of The Tech, and the right to publish is not transferable. Letters should be no longer than 150 words. Letters to the editor, columns, and editorial cartoons cannot be published without signatures or any electronic signatures, and should not be sent to the editorial staff. Hard copy submissions will be accepted by the editorial staff at The Tech, P.O. Box 970527, Cambridge, Mass. 02293-7027, or by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

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EVENTS SEPT. 20 — SEPT. 26

TUESDAY
(4:00 p.m. – 6:30 p.m.) EECS Industrial Connection Program (ICP) Career Fair — 34-401
(6:00 p.m. – 7:15 p.m.) There is Nothing so Practical as a Good Theory: The Economics Behind Honest Tea — NW86 (Sidney-Pacific Graduate Residence)

WEDNESDAY
(11:00 a.m. – 5:00 p.m.) Career Fair — Johnson Athletic Center

THURSDAY
(9:00 a.m. – 5:00 p.m.) MIT Communications Forum: Local News in the Digital Age — E15-070 (Bartos Theater)
(5:30 p.m. – 6:30 p.m.) MIT Outdoor Zumba Class — Kresge Oval
(5:30 p.m. – 6:30 p.m.) Tech Talk with Brad Neuberg (Inkling), Dharmesh (Hubspot), and Paul English (Kayak)
(6:30 p.m. – 7:30 p.m.) Externship Information Session — 32-141

FRIDAY
(9:00 a.m. – 4:00 p.m.) Comic Book Fair “Release Your Inner SuperHero” — 10-105
(4:00 p.m. – 5:30 p.m.) Persepolis, free admission, shown by the LSC and MIT Community Giving — 26-100

SATURDAY
(12:00 p.m. – 5:00 p.m.) Pi Beta Phi's Arrowspike — Kresge Lawn and BBQ
(6:30 p.m. – 10:00 p.m.) LSC shows Transformers: Dark of the Moon — 26-100

SUNDAY
(8:30 p.m.) MIT Balroom Dance Team Dance Concert — Kresge Auditorium

MONDAY
(4:00 p.m. – 5:00 p.m.) 2011 Scolnick Prize Lecture — 46-3002
(6:30 p.m. – 9:00 p.m.) Digital Media SIG Event: Will the Cloud Change Everything? — E51-149

Send your campus events to events@tech.mit.edu.

Institute Double Take

By Samira Daswani
STAFF PHOTOGRAPHER

Hello, Beavers. Look at the picture — now back at the board — now back at the picture — now back at the board. Sadly, the board isn’t the picture, but if it was it would get stolen. Look down — back up — where are you? You're in class with the professor who just gave you a glare because you’re looking at this picture instead of him. What’s in your hand — back at me. I have it: it’s a bike with two wheels to take you to that thing you love. Look again, the bike is now useless because it’s snowing. Anything is possible when your bike is not in your bike rack. But I’m on a horse!

Aperture: f/13
Exposure Time: 1/400 sec.
Sensitivity: ISO 2500
Effective Focal Length: 70 mm

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Is anyone else worried about this?

So, we're not. We're not! We own it. We've got a new line of glasses that take advantage of this, um... "Feature."

You're looking at about six and a half seconds.

And we're kicking things off with God of War 4...

Really! Because there's actually kind of...seconds.

Work Ethics

daniel, I want you to be honest with me. Can you do that?

I want to know if you purchased that big block of gold in the back shop with real money.

Keep it in mind that we've only had Crowfall Alliance for two days.

Absolutely not.

Absolutely not.

I look like a sellout to my sheep. You look like the lovechild of Elon John and DoubleDredme.

Crossword Puzzle

Solution, page 14

ACROSS

1 Sphere of power
4 Shilling's state
9 Adagio, allegro, etc.
14 Part of mph
15 Florida city
16 King's territory
17 Bar
20 Audiophile's setup
21 Street-fighter's blade
22 Gender
23 Basics
25 Go lickety-split
27 Bar
34 Chum
35 Tint
36 Closet type
37 Longfellow's bell town
39 Go-ahead
41 Tater
42 Tack room gear
44 __ Loa volcano
46 Switchback curve
47 Bar
50 Uh-huh

1 Advocate
52 "Dune" composer Brian
55 High shots
58 Code for one-on-one combat
62 Bar
65 Lennon's "Instant __"
66 On guard
67 Fr. woman's title
68 Simple weapon
69 The March King
70 Stand in the way

DOWN

1 Untitled work
2 Monthly payment
3 Soft cheese
4 Of a single-celled organism
5 Hot Sahara winds
6 "Casablanca" pianist
7 Writer Kingsley
8 Ho Chi __ City
9 Insignificant
10 Med. printout
11 Provides with a crew
12 Knee-bending movement
13 Big name in big pictures
18 Monks' titles
19 Magnitude
24 Geneseo specialty
26 Greek letters
27 San __, CA
28 First Pope-canonized saint
29 True blue
30 Crewman under Capt. Kirk
31 Dismantle mortise joints
32 Try it again
33 Extremes
34 Paris greenery
38 Black as night
40 As commanded
42 Of constellations
45 Maine's capital
48 Each
49 Maiden name indicators
52 Moose cousins
53 Tidal situation
54 Make-up monster
55 Bikinis parts

57 Go it alone
59 An arm or a leg
60 __ Linda, CA
61 Unique person
63 Doctors' org.
64 Pota-
Sudoku
Solution, page 14

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

Techdoku
Solution, page 14

18x 18x 24x 4

1- 1- 2- 2-

6x 6x 3x 3x

5x 5x 8x 30x

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.

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.
Perry and Obama diverge on border

By Jason Buch
and Lynn Brezosky
SAN ANTONIO EXPRESS-NEWS

To the president of the United States, the 1,200 border miles that stretch from Brownsville to El Paso are either “among the safest in the nation.” But to the governor of Texas, the border is “not safe.”

In a speech this past spring to pitch comprehensive immigration reform, President Barack Obama declared southwest border cities relatively safe and peril-free.

Texas Gov. Rick Perry, meanwhile, in both his capacity as his state’s tough-talking chief executive and now frontrunner among the GOP’s 2012 presidential nominees, ridiculed the assertion, calling Obama in a nationally televised debate this month an “abject liar.”

And while Obama tours the doubling of Border Patrol agents to more than 20,000, as well as a drop-off in immigration detentions and low crime rates along the border, as evidence that the area is secure, Perry disagrees, claiming that he has been forced to spend state money to secure a violence-ridden region.

Fact is, more resources are in deed being devoted to the South- west border, and last year, you were more likely to be slain in Austin, Texas, considered among the safest large cities in the country, than in El Paso, Texas, across the river from one of the most dangerous cities in the hemisphere.

“Brownsville all the way to El Paso, we’re always getting the bum rap... just simply for being on the border,” said Gilberto Salinas, vice president of the Brownsville Economic Development Council, sighing at the perception that Mexican cartel operatives can easily cross the narco Rio Grande and open fire near schools, supermarkets and town squares, as they do in Mexico.

“People still think that we’re walking around with six-shooters,” he continued, “that the U.S.-Mexico border is still the Wild Wild West.”

Instead, the border centers of Brownsville, Laredo and El Paso have recently recorded low homicide figures, even as populations of those cities ballooned.

According to crime statistics analyzed by the Express-News, El Paso, the safest, had less than one homicide per 100,000 residents last year. Laredo had 3.81, and Brownsville had four. All had homicide rates lower than Houston, San Antonio and Austin, which last year tallied a homicide rate of 4.8 for every 100,000 residents.

“I think the stats speak for themselves,” said Salinas, a former FBI agent.

At the same time, the cities saw tremendous growth over the last decade: Laredo and Brownsville grew nearly 34 percent and 25 percent respectively, while El Paso grew by about 15 percent to 484,122, according to the U.S. Census Bureau.

“It’s not a coincidence that we are on steroids when it comes to growth,” said Salinas of the Brownsville Development council, citing a lengthy list of Fortune 500 companies that have moved to the area, bringing jobs to both sides of the border.

Businesses persist in rural areas near the border that drug traffickers are targeting and intimidating ranchers, but confirmed incidents are few and far between. Steven McCraw, director of the Texas Department of Public Safety, insists the government has “lost operational control of rural areas.

Traffickers, meanwhile, continue to fund their criminal enterprises, he said, making it more dangerous for U.S. citizens in Mexico and allowing the cartels to expand their influence in Texas.

And they have become increasingly confrontational with law enforcement officials.

“When they’re confronted by law enforcement, they run,” McCraw said of the traffickers. “They throw spikes. They have blocking vehicles. And they have drug cartel boats on our side and they have cartel operations on the other side of the river.

Perry—who has cast himself as a border hawk — regularly decryss what he has said is a lot of spillover violence into the U.S., citing examples that, it turns out, are rare.

A look at drug-related killings in border cities during the four years since Mexican President Felipe Calderon came to power shows no relation between a rise in homicides in Mexican municipalities and the number of killings in their U.S. sister cities.

“There’s a lot more awareness and the efforts are a lot better coordinated intelligence wise and operationally,” said Gilberto Navarro, an assistant police chief in Laredo.

Brownsville has seen incidents described as spillover, such as the September 2010 double homicide of two alleged cartel operatives less than a mile from a Border Patrol station and the shutdown the year before of the University of Texas-Brownsville campus after stray bullets from Mexico struck a building, an incident Perry mentions in his book, “Fed Up.”

But the city’s murder rate, anywhere from five to 10 killings a year, is in line with other cities of its size, said Brownsville officials.

“But now, somebody gets shot, automatically everybody will say it’s cartel related or it’s border violence,” said Salinas, with the economic development council.

Shoring up the Southwest border remains a priority for the administration. The Department of Homeland Security, which oversees international bridges and the Border Patrol, has a budget of $17.77 billion for 2012, the largest since the agency’s creation in 2001.

And Texas regularly takes the bulk of the department’s Operation Stonegarden grant that provides funds for local law enforcement agencies along the border, $37.77 million of the $54.89 million spread over 18 states this year. The feds, too, have dispatched two drones to border the Texas-Mexico border, with a third on the way.

In addition, according to Perry’s office, Texas has spent $440 million in the last five years on border security, including grants for local law enforcement agencies and deploying Texas Rangers to the Rio Grande.

For years, Perry has used the border and illegal immigration as a campaign tactic. But during last week’s debate, he was on the defensive as the other GOP candidates attacked his record, in particular his statements that the border fence is not an effective way to stop smuggling.

All the rhetoric about the border has officials in El Paso fuming.

Bob Cook, president and CEO of El Paso’s Regional Economic Development Corporation (REDCO), said he called Perry’s head of economic development the day after the Sept. 7 debate to again share data about the safety of El Paso.

Of the five homicides in that city last year, three were attributed to domestic violence and the remaining two were a murder-suicide.

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Over the weekend, t=0 brought entrepreneurs, engineers, scientists, architects, inventors, and hackers together to find business solutions for real-world problems.

This futurist humanoid machine was featured at the art gallery space at t=0, the entrepreneurship conference that took place at MIT this past weekend. Engineers, scientists, architects, inventors, and hackers came together to invent something new.

Engineers, hackers, and others come together to take part in the Start-Up Lab at t=0 this past weekend. Each team proposed a business solution to a real-world problem: some proposed solutions to help change the educational landscape, and others tackled challenges in the health sector.

An instrument created by Jason Sidney Sanford and Zacharay Katz. Besides Sanford and Katz, t=0 also featured Mitch Kapor, the founder of Lotus Development Corporation; Brad Feld, the co-founder of Foundry Group and TechStars; Rich Miner, the co-founder for Android; Dharmesh Shah, the founder and CTO of HubSpot, and many more entrepreneurs and innovators.

A delicate work of art by Art Politis is showcased at the art gallery at t=0.
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## Career Week Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Company</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Monday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-1 P.M.</td>
<td>Pegasystems</td>
<td>W20-307</td>
</tr>
<tr>
<td>6-7 P.M.</td>
<td>HighVista Strategies</td>
<td>4-163</td>
</tr>
<tr>
<td>6-7:30 P.M.</td>
<td>InterSystems, Tessella</td>
<td>4-370</td>
</tr>
<tr>
<td>6-7:30 P.M.</td>
<td>Vecna</td>
<td>32-141</td>
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<tr>
<td>7-8 P.M.</td>
<td>Broadway Technology</td>
<td>32-155</td>
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<tr>
<td>7-8 P.M.</td>
<td>Exxon Mobil</td>
<td>6-120</td>
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<tr>
<td>7-8 P.M.</td>
<td>McKinsey</td>
<td>32-123</td>
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<tr>
<td><strong>Tuesday</strong></td>
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<tr>
<td>5-6 P.M.</td>
<td>DC Energy</td>
<td>4-270</td>
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<tr>
<td>5-6 P.M.</td>
<td>Allston Trading</td>
<td>4-370</td>
</tr>
<tr>
<td>5-7 P.M.</td>
<td>Aerospace Panel</td>
<td>37-212</td>
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<td>6-7:30 P.M.</td>
<td>Salesforce, StumbleUpon</td>
<td>1-190</td>
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<td>7-8 P.M.</td>
<td>Bridgewater Investments</td>
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<td>7-8:30 P.M.</td>
<td>Chevron, Shell</td>
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<td>7-9 P.M.</td>
<td>Consulting Panel</td>
<td>32-123</td>
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<td>8-9 P.M.</td>
<td>BTS/AXP Labs</td>
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<td>8-9 P.M.</td>
<td>Stripe</td>
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<td>Coatue Management</td>
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<td><strong>Wednesday</strong></td>
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<td>11 A.M. - 5 P.M.</td>
<td>Career Fair</td>
<td>Johnson</td>
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<td>6-9 P.M.</td>
<td>SWE Banquet</td>
<td>Hyatt Cambridge</td>
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<td>6-7 P.M.</td>
<td>BMC Software</td>
<td>4-231</td>
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<td>6:30-8 P.M.</td>
<td>ASML, Maxim Integrated</td>
<td>4-149</td>
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<td>7:30-9:30 P.M.</td>
<td>Yelp, Autodesk, Raytheon BBN, Pixar</td>
<td>4-163</td>
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<td>8-9 P.M.</td>
<td>CIA</td>
<td>4-237</td>
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<td>8-9 P.M.</td>
<td>Andreessen Horowitz</td>
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<td>12-2 P.M.</td>
<td>Networking Luncheon</td>
<td>McCormick/W20</td>
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<td>OATI</td>
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<td>5-7 P.M.</td>
<td>Pixar, Justin.tv, Cisco, LinkedIn</td>
<td>1-190</td>
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<td>5:30-6:30 P.M.</td>
<td>Sequoia Capital</td>
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<td>7-8 P.M.</td>
<td>Yext</td>
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<td>7-9 P.M.</td>
<td>Stroud Consulting</td>
<td>35-255</td>
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<td>7-9 P.M.</td>
<td>Biotech Panel</td>
<td>34-101</td>
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<tr>
<td>7:30-8:30 P.M.</td>
<td>Chopper Trading</td>
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<td>8:30-10 P.M.</td>
<td>Dropbox</td>
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<td><strong>Friday</strong></td>
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<td>6-7 P.M.</td>
<td>Interactive Intelligence</td>
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Frosh campaign vigorously

Elections, from Page 1

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“Now I can see why people are promoting Naked Abe Lincoln,” wrote Adam M. Rodriguez ’15 on the Class of 2015’s Facebook page. “This whole ‘write in (insert name here) for (insert position here)’ is getting pretty obnoxious.”

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TOP STORY

Elections, from Page 1

“Leopold the Cat, Totoro, Pikachu, and Naked Abe Lincoln (pictured here clothed) — who won two elections. Several ‘joke’ candidates nominally won UA senate elections, but will not actually serve. From left to right, Leopold the Cat, Totoro, Pikachu, and Naked Abe Lincoln (pictured here clothed) — who won two elections.”

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✓ The Tech 13
FredFest gathers rising local talent: Adam Ezra Group, Mission Hill, and Air Traffic Controller

Fred Fest, from Page 1

Still young, the idea for FredFest was formulated in early 2008 by Graham and two students at Walker Memorial Basement Radio (WMBR), MIT’s student radio station. It was a natural outgrowth of their regular show, which featured local bands and musicians. “Why not make [the show] live?” thought Graham. FredFest is an introduction to the local music scene — an integral part of Boston’s nightlife culture — added Graham. True to its roots, FredFest is still focused on fostering local music. He and WMBR are always on the lookout for small groups with high potential. FredFest is booked by February, in hopes that the then-unknown groups will explode over the summer and become circulating names by the time September rolls around, sometimes even on the national scene.

Concert veterans and new attendees alike applauded this year’s talent pool. “The bands were so much better than I expected … the second percussionist, he really made it. That was stellar!” said Camille E. Richman ’15. Graham noted that the Boston music scene is swelling and bands now regularly approach him about playing in the annual concert, instead of him approaching them. “The bands are all excited to play for MIT, to play for us, and every one that has gotten involved has had a good experience with that,” said Delaney. Mission Hill, who also performed on the closing night of orientation, will return to campus in December.

Driving the works is the East Campus Concert Committee, a core of 7-8 students elected by the dormitory each January. Band selection is made solely through committee voting. The committee is also responsible for every aspect of concert organization, including acquiring funding from major student groups — Large Event Fund, Dormitory Council, and the Undergraduate Association — to keep the concert free.

Although FredFest is advertised as an East Campus event, its goal is to span the entire MIT community, said Graham. Each year, ConcertComm and WMBR receive more and more input from the whole student body regarding the musician roster, he remarked. In addition, planning will begin earlier this year so that FredFest V may be held in the Stratton Student Center, a more central campus location.

“[FredFest] Five — that’s already an achievement,” said Graham. “As long as the students are passionate, I’m willing to help. It’s great to see them make it happen.” Delaney adds his perspective as an audience member: “It is built upon successes.” If FredFest IV is any indicator, its successor is not looking to disappoint. Stay tuned.
Dropbox: Filesystem of the Internets

A tech talk by MIT alum and Dropbox engineer Dan Wheeler (06)

Thursday, September 22 at 8:30PM, Room 6-120
(free storage, t-shirts, and food!)

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Dropbox is revolutionizing the way people think about their files. Since our founding in 2008, we’ve attracted over 40 million users and sync 200 million files per day. We eventually want to tie everyone’s devices and services together to become the filesystem of the Internet.

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Activists, doctors split on HIV bill

Bill intended to enhance patient medical privacy

By Kay Lazar

A proposal to change how people give consent for HIV tests has divided AIDS advocacy groups in Massachusetts and upset major medical organizations, stymieing legislators trying to bring the state into compliance with federal recommendations aimed at promoting more testing.

At issue is a bill that would drop Massachusetts’ requirement for specific written patient consent before a doctor tests for the AIDS virus — something 48 other states have done — and replace that with verbal consent. The measure would also require the physician note in the medical record the patient’s decision.

The bill was crafted to bring Massachusetts in line with federal health officials’ 2006 recommendations that states update their laws to make HIV testing more routine and widespread. They suggested that general consent for medical care, which is the permission required for tests such as cholesterol screenings, should be considered sufficient for HIV testing.

Only Massachusetts and Nebraska still require specific written consent for HIV testing, according to the National HIV/AIDS Clinicians’ Consultation Center at the University of California, San Francisco.

Legislators this year, to accommodate concerns of some AIDS groups and others, added a provision to the bill to enhance patient privacy protections. It would prohibit health care providers from disclosing a patient’s HIV-related medical information to outside health care providers without each time obtaining the patient’s written informed consent.

That change is intended to ease patient concerns about test results being leaked. The language went too far, however, for other organizations, which originally supported the bill but now oppose it. A coalition of health care groups blasted that proposal last week, saying it would greatly hinder HIV patients’ ability to get timely medical attention.

The coalition, which includes the Massachusetts Medical Society, the Massachusetts Hospital Association, and Fenway Health, which specializes in AIDS care, urged lawmakers and top health officials in the Patrick administration to block the legislation.

“I am not at all giving up, but I think we need to put all the same people in the same room and get them to talk to each other,” said Senator Patricia Jehlen, a Somerville Democrat who filed this year’s legislation. ‘The bill has had a public hearing, been approved by two legislative committees, and is awaiting a vote in the Senate.

Senators Jean McGee of Somerville and Patricia Haddad of Tewksbury have offered changes to the bill. But Jehlen said the measure has already cleared the Senate and that the legislature will need to act before January so it can go into effect Jan. 1.

The bill has support from state officials, including Patrick. It is aimed at promoting more testing, and health officials at the state Environmental Protection Agency and Massachussetts Department of Public Health support it.

But it is opposed by the Massachusetts Medical Society and others, who say it would go too far in restricting providers’ ability to consult with patients about their care.

The medical society and others want to leave it to the patient to decide and let doctors know when discussing testing or any other care. The Massachusetts Hospital Association, which represents large hospitals, opposes the bill. It argues that consent for HIV testing is different from general consent for medical care, which is the permission required for tests such as cholesterol screenings, should be considered sufficient for HIV testing.

The medical society’s opposition to the bill has put a hold on hearings for the measure.

A group of state health officials, including Fenway Health CEO J. MichaelQLiu, said the bill was a reasonable compromise that would improve patient privacy protections.

“It’s a balance between the need for privacy and the need to enhance patient access to medical care,” said Liu, who is also the medical director of the National HIV/AIDS Clinicians’ Consultation Center.

But activists have raised concerns about patients being able to get timely medical attention if they have to give verbal consent for an HIV test. They say the new language would go too far in restricting providers’ ability to consult with patients about their care.

The bill would also make it more difficult for patients to request HIV testing. Under the proposed measure, patients would have to request HIV testing, even if they had been tested before. They would also have to request testing for all the clinics they visit.

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Remembering Nicolás Castillo
Always the scientist and scholar

Castillo, from Page 1

News Office. “When he was a little boy, he was always out on the patio doing experiments with water, soil, bottles, whatever he could get his hands on.”

Beyond being an avid math student, Del Castillo also had many interests outside of academics. He enjoyed karate, origami, and music. His family says he taught himself to play keyboard and joined his school orchestra without ever taking a single lesson. In addition, Del Castillo was a fan of Cirque du Soleil and loved to study Shakespeare and drama.

Diana Henderson, an MIT literature professor, recalls being impressed by Del Castillo’s bravery and skill in her Writing with Shakespeare class. “It was evident that he was smart, but he was also humble.”

Another classmate added that “his ideas were always so phenomenonal that most of us did not understand their complexity until he further explained.”

A good friend

Del Castillo’s classmates remembered that he was very shy but that something about him showed that he had a good heart.

For Del Castillo’s close friends, he was someone to trust. “More than once, I shared my personal problems with him,” says Cesar Gamboa ‘14, “and he helped me with advice or made me realize that my problems were not a huge deal. I could trust him in keeping what I said as a secret.”

“He did not talk much, and I am glad to be one of his good friends he could talk to easily. Some good moments with him I will miss are speaking in Spanish, going to the movies in the 20s, or going for a milkshake at Toscanini’s,” Gamboa added.

“What I will miss the most is the friend that I could trust and talk easily about my life — bad and good things.”

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cohen@media.mit.edu
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novicecrew@mit.edu
Kristine A. Bunker ’14 (left) and Rachel A. Hunt ’14 block a shot during the women’s volleyball game against Clark University on Saturday morning. After winning 3-0 against Clark, the Engineers defeated Simmons College 3-1.
Soccer falls to Springfield
Kabelac and Kramer lead strong opening games

By Zach Hynes

In a match besetting the undefeated squads from MIT and Springfield College, the Pride of Springfield earned a crucial victory with a strike from Kevin Nowak in the waning moments of the second half.

In its first four games, MIT’s attack overwhelmed opponents, averaging 4.5 goals per game. With Zachary E. Kabelac ’12 and John L. Kramer ’15 tallying five goals each on the season, and midfielders Nicholas A. Diamantoni ’15 creating opportunities through his tremendous speed, no opponent was able to hold the Engineers to less than three goals.

That all changed on Saturday when Springfield stifled the Engineers’ offense for 90 thrilling minutes. The first half set the tone for a game that featured stingy defense and excellent play from both goalkeepers. A rush by Diamantoni set up perhaps the best scoring opportunity for the Engineers of the half, but the Pride’s defense smothered Alexander M. Dago ’15 and kept him from putting a strong shot on net.

With 15 minutes to go in the second half, the pace of the game quickened. Each attack drew a swift counterattack, and the inevitability of a breakthrough by one of these teams became more and more apparent. With 13 minutes remaining, Kramer went on a promising run and attempted a shot from close to thirty yards out, but his efforts were felled by the physical play of the Springfield defense. Goalkeeper Dylan Sheldon Rankin ’12 made two spectacular saves against the Springfield offense in the final 10 minutes before Pride freshman Kevin Nowak deposited the ball in the left-hand corner of the net with a shot from the right side with 3:38 remaining in the half.

MIT would earn one more opportunity to equalize, but the Engineers failed to take advantage of a corner kick with 1:25 remaining.

MIT will hope to capitalize on more of the scoring chances it earns when the Engineers face Brandeis and Roger Williams in non-conference play this week. They will then head to Worcester on Saturday to take on the WPI Engineers. MIT is up against stiff competition within NEWMAC; six of seven teams in the conference produced winning records against non-conference foes. However, if Saturday’s match is any indication, the Engineers and their fans should be in for an exciting season.

Ekatgerina R. Kononov ’12 runs through a line of WPI defenders after receiving the ball during the first women’s rugby game of the season on Saturday. The Engineers won 36-5 against Worcester Polytechnic Institute.

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**Adults & MIT Students**

- **Friday, Sept. 30, 2011**
  - MIT Student Center, 3rd floor, 10 a.m. – 4 p.m.
- **Monday, Oct. 24, 2011**
  - MIT Student Center, 3rd floor, PDR 1 & 2, noon – 4 p.m.

**MIT Students Only**

- **Thursday, Oct. 20, 2011**
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Tuesday September 20th, 7pm-8pm, 32-141:
Technology Associate Information Session

Wednesday September 21st, 11am-5pm Johnson Athletic Center, Building W34:
Career Fair