

## PBE suspended by IFC for hazing

*Frat is banned from campus for  
four years, brothers must move out*

By Joanna Kao  
STAFF REPORTER

The Phi Beta Epsilon (PBE) fraternity was closed and given a four-year suspension by the Interfraternity Council (IFC) on Tuesday for violating no-tolerance policies on hazing, according to a

statement by IFC president Ryan Schoen '11. "An (IFC) Judicial Board reviewed allegations of hazing occurring during the Phi Beta Epsilon (PBE) new member program, and found the fraternity responsible of such charges," Schoen said in the statement.

PBE first received a sanction from the IFC on Monday, Sept. 6, when it was barred from rushing new members. Now that PBE has been suspended, all members living in the house on 400 Memorial Drive will have to move out. In his statement, Schoen said he expects they may be able to stay until the end of the semester. It is unclear what will become of the house, which is owned by the PBE Corporation.

"The FSILG Office fully supports the student-led IFC Judicial Process," said Marlina Martinez Love, the director of FSILGs (fraternities, sororities, and independent living groups). "I support

the decision reached by the IFC Judicial Committee in the findings and sanctioning of PBE. The FSILG Office continues to work closely with the IFC in addressing these important issues and working to uphold the values of and strengthen our FSILG community."

According to the IFC statement, PBE may be readmitted in the fall of 2014 if they work closely with the FSILG office and the IFC to ensure safe practice. Until then, they are not allowed to "rush, accept new members, hold events, or participate as an organization in any activities."

### PBE responds

Adam D. Doroski '11, president of PBE, said he is aware of the rumors going around campus, but said most are exaggerated or just plain false. "[People think] somebody was injured, people were embarrassed or whatever — but I can assure you that no one was injured," Doroski said. "No specific event took place where someone was hurt or anything happened that wouldn't be legal or otherwise."

In a statement released by PBE to *The Tech*, the PBE Corporation president Steven C. Carhart '70 said that he believes that "the decision reached by MIT is

PBE suspension, Page 11



Students learn about companies at Career Fair 2010, sponsored by the MIT Class of 2011, the Graduate Student Council, and the Society of Women Engineers, on Thursday. Over 330 companies attended. NICK WILTSIE

## MIT prestige key at Career Fair

*Jobs in hand, companies flock to fair as recession slowly lifts*

By Deborah Chen

MIT students remained in high demand with recruiters at yesterday's Career Fair, where more than 330 companies came to campus, up 50 from the previous year.

"We feel this is the best place to recruit," Leonard Cabeceiras, Corporate Recruiter at Vecna Technologies, said. "This is our biggest college recruitment event of the year."

"We have a very high hiring standard, and I spend a lot of time searching for super-strong engineering candidates," Calvin

Yang S.M. '98, VP Engineering for Room77, a hotel search-engine startup, said. "I think MIT has a much higher concentration of such top candidates compared to other places. So, if we only had the budget to go to one campus, it would have been MIT."

As the recession slowly lifts, companies are looking to recruit more students, said Madalyn S. Berns G, a second-year Master's student and Career Fair Employer Relations director. "Big companies might not have hired as much in previous years, but now they can fill

those positions," she said.

Companies at the Fair echo these sentiments. Cabeceiras says Vecna, a 90-person company, is looking to hire five new graduates this year.

John C. Whaley '99, CTO and founder of MokaFive, a virtual-desktop company, believes the recession presents a unique opportunity for growth. "The downturn challenges companies to create a revolutionary, new product. People are more likely to try something new. It can actually be a positive

Career fair, Page 14

## Barnhart '88 is acting Dean of Engineering

By John A. Hawkinson  
NEWS EDITOR

MIT has appointed Cynthia Barnhart PhD '88 as acting dean of the School of Engineering, while it waits patiently to see if the current dean, Subra Suresh ScD '81, will be confirmed by the United States Senate as the next director of the National Science Foundation.

Barnhart was appointed to the role on September 8, though MIT did not choose to announce the appointment until Sept. 21. Barnhart was most recently serving as an associate dean for academic affairs within the School, a role she will continue to have. MIT spokesmen did not explain the delay.

Suresh is now on sabbatical, MIT said, as he awaits Senate confirmation. He was nominated to the NSF director position by President Barack Obama in June. His nomination was approved by the Senate Committee on Health, Education, Labor and Pensions

yesterday, Barnhart said. It now goes to the full Senate.

Barnhart said her strategy over the coming months would be to continue the existing priorities for the School. MIT is divided into five schools, under which departments fall.

If Suresh's appointment is confirmed, Barnhart expects that she would continue to serve in the Dean's role, and her title would shift from acting dean to interim dean. At that time, a formal search process will begin to look for a new Dean of Engineering. Provost Rafael L. Reif will make the final appointment.

Barnhart detailed three priorities for the school: "Bringing down the barriers"; focusing on education; and increasing diversity.

"Here at MIT, we're really good at interacting with research and education across units," Barnhart said. "At MIT and in the School, we're working really hard to make sure those multidisciplinary connections can be made."



SAM RANGE—THE TECH

Cynthia Barnhart PhD '88 is acting as the dean of the School of Engineering while the United States Senate decides whether to confirm Subra Suresh ScD '81, the current dean, as the next director of the National Science Foundation. Suresh, who was nominated by President Obama in June, is on sabbatical as he awaits his confirmation.

Barnhart cited the faculty's continuing attention to diversity. Last year for the first time, the School of Engineering hired more female faculty than male faculty, with 10 women and 9 men faculty

Barnhart, Page 12

## S<sup>3</sup> adds hours and tweaks process for readmission

By Derek Chang

Student Support Services (S<sup>3</sup>) is increasing its hours and has tweaked its readmission process, following a review of the program during the 2009-2010 academic year. Two deans are now available to help with new walk-in hours, provided 9-10 a.m., Monday through Friday, and the office will be open on Tuesdays until 7 p.m.

The changes come as S<sup>3</sup> makes it a priority to improve the accessibility

of its services, following recommendations from staff during a review process last year. Associate Dean David Randall, who manages S<sup>3</sup>, said that S<sup>3</sup> should serve as "a hub of resources, referrals, and information across the MIT community," and that this ideal is reflected in the changes.

A revamped website was launched yesterday, providing more detailed descriptions about the services offered at

S<sup>3</sup>, Page 13

### IN SHORT

**The final exam schedule** for the fall semester has been released by the Registrar's Office. Find it online at <http://web.mit.edu/registrar/classrooms/exams/finals/index.html>.

**FredFest III**, East Campus' annual music festival, will be occurring tonight at 7 p.m. in the East Campus courtyard.

**The Great Glass Pumpkin Patch**, in its tenth year, will take place this week-

end on Kresge Oval. The MIT Glass Lab will be selling glass pumpkins Saturday, Sept. 25, from 10 a.m. to 5 p.m., following a preview event tonight.

**The nomination of Subra Suresh**, the Dean of Engineering, for director of the National Science Foundation was approved by a committee of the U.S. Senate yesterday. The nomination will now go to the full Senate.

Send news information and tips to [news@tech.mit.edu](mailto:news@tech.mit.edu).

### WHY YOU SHOULD JOIN THE UA

The UA has practically no leverage, and that's the challenge. Can you be the one to get stuff done? **OPN, p. 4**

### ON CLASSIC CINEMA

A close reading of *The Birds* reveals Hitchcock's mastery of film. **ARTS, p. 10**

### KURT ROSENWINKEL TRADES UP

In his latest collaboration, Rosenwinkel tries out a big band sound. **ARTS, p. 9**



### MITWIT

Environmental science can be such a bummer sometimes... **FUN, p. 7**

### MIT'S MARVELOUS MARCHING BAND

At what other school does the marching band put on a beach-themed half-time show in their swim gear? **SPO, p. 16**

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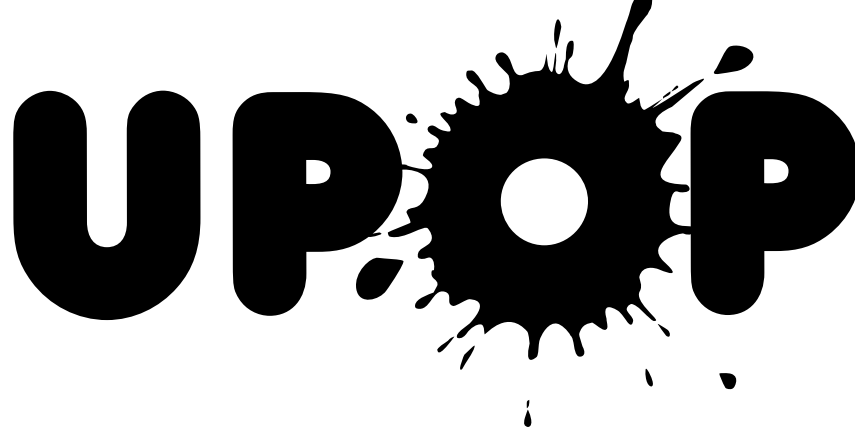
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# The value of involvement

*Student government is a learning experience, but only if you participate*

By Ethan Solomon  
OPINION EDITOR

Last semester in these pages, I implored the student body to participate in, or at least care about, student government. In the wake of last week's Undergraduate Association election results, it's again time to talk about the worth of the UA and student government in general. Freshmen may still be unfamiliar with the workings of the various student policy-making organizations — the UA, Dormitory Council, the Interfraternity Council — just to name a few, but that's all the more reason why new MIT students should start this year with an open mind about student government.

Students are often skeptical of the UA's ability to enact real change, and rightly so. The MIT administration has, time and again, proven that it will consider student input — often quite seriously — but the final call on policy can be made irrespective of student opinion. So why should we concern ourselves with what the UA does? Doesn't it seem like the significant time

and effort we would put in to student government will only pay off as "recommendations" to the real policymakers? Perhaps. But that's okay. Because the real value in student government is the process, not the result.

The key is in what the UA, and other student organizations, can teach you about managing power differentials. The UA is in a unique position — it must somehow represent student interests faced with MIT massive administrative bureaucracy (which provides for the existence of the UA in the first place). And MIT's administration often has interests which clash with what students might consider "best." Consequently, UA officials are tasked with the challenge of getting what they want from a position with virtually no leverage. And that's not a bad thing — like everything else at MIT, being faced with a challenge is an enormous opportunity to learn.

So, it might be helpful to think of student government at MIT like an experimental sandbox. You, either as an active participant in the UA structure itself, or in

a more passive role as a voter, or just somebody who cares about and thinks about ways MIT could be made better, can experiment with different modes of participation and see what works best (refer to the "Campaign for Students" movement versus the UA Senate as different experiments in reaching the same outcome). At worst, you don't get what you want, and varsity sports get cut or the dining program gets completely revamped. At the end of the day, you're still going to one of the world's best universities. You haven't lost your right to health care coverage and you haven't been shipped off to war. You can afford failure.

Learning how to try and climb the "power mountain" between your position as a student and the positions of those making the decisions at the top is an extremely valuable lesson. Definitely one of those things that will help you out later in life, no matter what you end up doing. But the only way you can start to learn these things is by putting in a little bit of energy to get involved in some way or another. You can be sure it will pay off tremendously.

## UA UPDATES & ANSWERS

# The UA and what it does for you

**Q:** What is UA updates and answers?

**A:** We've upgraded the old UA update to include answers to common student questions and concerns. So, if you have any, send something towards [ua-questions@mit.edu](mailto:ua-questions@mit.edu).

**Q:** The UA? What does it do for me?

**A:** The Undergraduate Association (UA) represents the undergraduate student body, ensuring that students have a say in campus decisions, whether it's defending our interests or developing our aspirations. We also work on projects that have a direct impact on student life: allocating funds to student groups, preserving the Trader Joe's shuttle, purchasing the printer on the 1st floor of the Student Center, and much more.

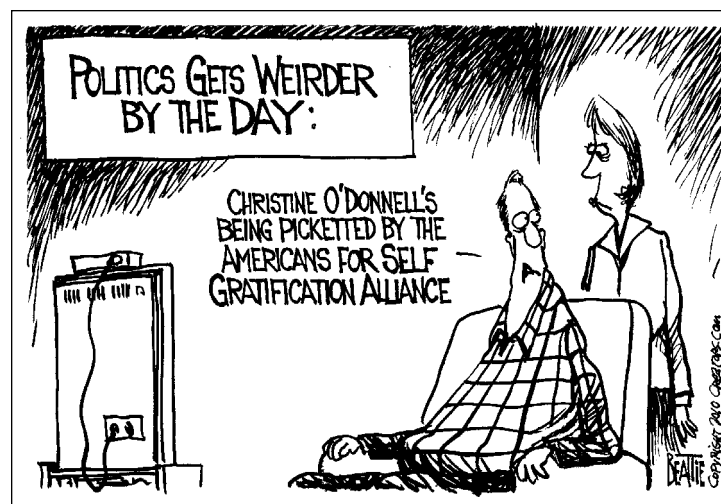
**Q:** Well, I think something needs to change.

**A:** Then consider joining some committees in your area of interest! Talk to your senators, or even come talk to us directly at the UA Office (W20-401). Don't hesitate. We'll be glad to give you more information!

**Q:** Got a website, too?

**A:** Yep, [ua.mit.edu](http://ua.mit.edu). You can also apply directly for a committee at [ua.mit.edu/join!](http://ua.mit.edu/join!)

— Alec Lai,  
UA Secretary-General



## CORRECTIONS

Tuesday's article about the Class of 2014 council incorrectly reported that Jonathan Chien '14, Oliver R. Song '14, and Jean Xin '14 are publicity co-chairs. Chien is the sole publicity chair. Song and Xin are social co-chairs.

A headline on page 7 of Tuesday's print edition incorrectly stated that the "Tang case may resume as a jury trial on Dec. 1." Dec. 1 is the tentative date if Tang continues with a bench trial. Tang may elect to have a jury trial, but the schedule for that is

unknown.

The caption for a photo on the front page of Tuesday's issue incorrectly stated that Undergraduate Association President Vrajesh Modi and Vice President Sammi Wyman presided over Monday's UA Senate meeting. It is the UA speaker, Jonte D. Craighead '13, who presides over the Senate, not the UA President or Vice President.

Tuesday's story about the parkour and free-running event at Boston City Hall Plaza mistakenly referred to one of the competitors as "Patrick Carter." His name is Patrick Bryan.

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Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will

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**Guest columns** are opinion articles submitted by members of the MIT or local community.

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## ON CLASSIC CINEMA

# The Godfather of suspense

A look at *The Birds* and the Hitchcock classics

By Emily Nardoni  
STAFF WRITER

What makes a movie great? What is it exactly that elevates a film from its usual status as a means of entertainment of entertainment to that of a cultural hallmark deserving of modern audience's attention? Frankly, who gives a damn?

The history of cinema is rich in films worth celebrating. Some are memorable for their cultural significance or how they defined an era, others for their pioneering film-making techniques or artistic excellence, and still more for their influence on a genre of film itself. Modern movies stand on the shoulders of a long and highly varied tradition that has sought to showcase human creativity for a century. The purpose of this column is to celebrate this tradition, highlighting some of the films and filmmakers that have contributed in their own right to its impact both on cinema and on culture in general. As they say, one can't explain the present without an understanding of the past.

**As they say, one can't explain the present without a through understanding of the past.**

This week, I would like to take a closer look at one of the classics of suspense that spawned from the abundant directorial talents of the widely acknowledged "Master of Mystery" — Alfred Hitchcock. *The Birds* (1963) stands as one of Hitchcock's most well-known films for its simple but well-executed plot, careful manipulation of the au-

dience's emotion, and elegant presentation of its characters' response to the unknown.

The movie's premise is straight forward: The birds of a small, quiet town start acting up for no apparent reason. It begins with a couple of seemingly innocuous — albeit strange — behavioral oddities: A bird swoops down and pecks someone on the head, or forcibly flies into a door. Soon these singular events escalate into what appears to be a full-fledged attack that no one can explain nor escape.

But a Hitchcock film is never as much about the plot as it is about its characters. *The Birds* serves largely as a means to psychoanalyze its hero and heroine, their relationships with the people close to them, and the general human reaction to uncertainty. In fact, it takes nearly an hour of film for the action with aviary creatures to really pick up. The first part instead focuses on the beautiful Melanie Daniels — the archetypal icy blonde so often portrayed in Hitchcock's movies, played by Tippi Hedren — and her chance meeting with Mitch Brenner (Rod Taylor), who she then follows to the small waterfront town of Bodega Bay where he lives on weekends with his mother and sister. You learn everything about the characters through their direct actions and their interactions with each other, most notably through dialogue. We become acquainted with their strengths and weaknesses — Melanie's boldness, Mitch's breezy confidence, his mother's strained overprotective tendencies.

Having established these vivid portraits, the film next watches how these characters react to external forces. It is a defining feature of Hitchcock's films to explore the personalities of his characters, how their relationships define who they are, and how their true nature are by out-of-the-ordinary circumstance. As *Vertigo* (1958) is about human obsession, *The Birds* is at its core about

how people respond to chaos. It's this deeper level of fear that truly makes his films so terrifying — fear of ourselves.

**Suspense is built slowly in ordinary settings involving often mundane elements of everyday life...**

Hitchcock's films have been most influential on the genre of suspense and more widely on film-making in general for the creative techniques they use to tell their stories, as *The Birds* superbly demonstrates. A key part of this is the way suspense is built slowly in ordinary settings involving often mundane elements of everyday life, until by the end of the film the audience finds itself terrified of something as commonplace as a flock of seagulls. Perhaps a more famous example is the shower scene in *Psycho* — that the brutal murder takes place in a shower has long been acknowledged as one of the scariest and most influential movie scenes in all of cinema. The way his movies violate people's comfort zones and make the audience re-think the ordinary breach the divide between the movie-goer and the film, and permanently left their mark on the way audiences view what is scary.

Another key element to Hitchcock's filmmaking is his use of cinematography to draw the view into the story and leave maximum impact. Most of his films are shot from the perspective of the audience as voyeur — of a secret observer. Events unfold as if you're in the room with the characters, and you usually know as little as they do about what's going to happen next. There's often something particularly

unique about the way he tells his stories; for instance, *Rear Window* (1954) is shot entirely in a single room, and *Rope* (1948) in a single apartment with the appearance of having been shot in a single take. *The Birds* has absolutely no background music whatsoever, which makes the flapping and screeching of the birds particularly dissonant. There's a heavy reliance on facial expressions, emphasized by an abundance of close camera shots.

A great example is the scene in *The Birds* where Mrs. Brenner enters her friend's house. As she enters she sees the broken cups in the cupboard; the camera follows her closely as she walks noiselessly down the hallway, until finally she reaches a room. She walks into the doorway and we see a shot of confusion on her face, then the camera cuts to what's directly opposite her in the room: a dead bird crashed against the windowsill. We see another shot of her concerned face, then a shot more rightward into the room as her gaze moves to a disheveled bed; her face again, and then more rightward to a pair of bloodied legs on the floor. Shock and horror are etched on her face before the camera finally shows a full view of the body, cutting to a zoomed in frame of his gouged out eyes before Mrs. Brenner falls back in horror and runs outside. The entire scene is silent — her face says it all — and is in my opinion, the most suspenseful part of the entire film.

It's that sort of creativity and attention to detail that makes *The Birds* worth talking about today. Alfred Hitchcock's notoriety (both by name and by face — he has a cameo in most his movies) stems both from his distinct vision and numerous pioneered film-making techniques, and his influence is still felt today in both the genre of suspense and the many films that have been based on his work (*Disturbia*, anyone?). It's the type of thing I highly recommend you see for yourself.

## In A Far Cry, a glimpse of classical music's future

A Far Cry, from Page 9

sense; Cornell's work was introduced as a description of the vitality of the night time. As true as these statements may have been perhaps personal reflections or historical notes would have been more appropriate. As it stood, the overall effect of these passages was one of apology for works and performances that needed none.

Sunday afternoon's performance also included works by Mozart, Purcell and Bartók. Rarely performed, Purcell's Old Bachelor (*Z. 607*) lacked the fundamental impetus of the other works. Although certainly a capable performance, many of the movements

lacked the dynamic contrast and nuance necessary for Purcell's suites. In contrast, Mozart's *Serenata Notturna* (K. 239) was pre-

**Although certainly a capable performance, many of the moments lacked dynamic contrast and nuance**

sented with characteristic wit and joviality. Original ornamentation by members of the

ensemble was appropriate, yet unobtrusive; of particular note, members of the ensemble performed newly composed cadenzas in the final Rondo movement, ranging from simple re-statements of the original theme, to extended intermezzi that recalled turn of the century jazz more than Mozart.

Bartók's *Divertimento for String Orchestra* (*Sz. 113*) was a true highlight of the entire afternoon, crackling with a primal energy inherent to Bartók's folk song, displaying the facility of ease with which the ensemble is able to maneuver the vibrant textures of the string orchestra.

The question, of course, has been, and continues to be how classical music will sur-

vive in the coming decades. Beyond the music, Sunday afternoon's performance provided a promising answer. Program notes by Kathryn Bacasnot were refreshing in their treatment of the significant music presented during the concert. More importantly, now in its fourth year, the commitment A Far Cry shows to educating both audience and social change (the ensemble partners with other non-profits and proceeds from concerts are donated to homeless shelters in the Boston area) seems inherent to their clear position as one of the rising ensembles in Boston and the United States and provides a promising future to the establishment of young ensembles.

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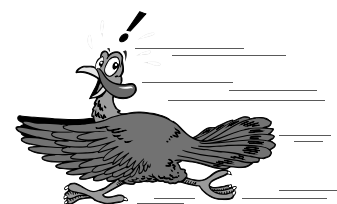
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# PBE alumni pledge support following suspension by IFC

**PBE suspension**, from Page 1

the result of a procedural process that was deeply flawed, was based on an evidentiary record that was wholly inadequate, and it reflects insufficient thought to the broad policy implications of the action taken to all of the stakeholders impacted by this decision."

"We respect the Institute's decision. We are dismayed by the result, and we strongly disagree with it," said Nicholas W. Leonard '11, the PBE New Member Educator.

"The guys in the house are just shocked, and for the most part, they just cannot believe what has happened," Doroski said.

On Wednesday the day after news of the suspension broke, PBE brothers were seen all over campus wearing their fraternity letters, and they received an outpouring of support over Facebook from many in the MIT community and PBE alumni.

PBE alumni have rallied around the brothers. "We have been in constant physical proximity and electronic communication to support them in dealing with this in any way we can. And our view is that if there is anything we can do to shelter them from dealing with any of this, then that's what we are going to try to do," Carhart said in a phone interview.

He added, "Our absolute highest priorities are to protect the academic opportunities for our undergraduates and give them as stable a living environment as we can, and kind of as a distant second, we would like to say respectfully that we urge people not to feel that something terrible has gone on here because we don't think there is any reason to feel that way."

Other alumni that were contacted declined to comment, deferring questions to Carhart.

The fraternity was scheduled to undergo a routine review tomorrow

by the Association of Independent Living Groups (AILG), an organization that represents FSILG alumni in conversations with the MIT administration. However, with their suspension, their scheduled review has been cancelled.

"Since the PBE undergraduate organization has been suspended, the accreditation process at PBE has been suspended as well," said John R. Covert, MIT AILG Accreditation Coordinator. "The PBE alumni organization remains a member of the AILG, and AILG alumni/ae volunteers will be glad to assist PBE alumni in preparing for the establishment of a new PBE undergraduate organization at an appropriate future time."

It is unclear what PBE plans to do in the upcoming days, weeks, or months, but is exploring its options.

"We're taking things slowly because obviously PBE is in some sort of trouble right now so we're trying to sort through the mess," Doroski said.

"We're in a variety of discussions with MIT, which I guess I'd like to prefer not to characterize," Carhart said. "We'll hopefully have constructive discussions."

When asked if PBE members would consider joining another fraternity on campus, Leonard said, "Fraternal bonds last a lifetime. No brothers currently have any intention of pledging another fraternity at MIT."

"I mean, at the moment, we never really transitioned back into fraternity life," said Doroski. "We've been dry ever since Rush, we've been not holding any parties, it's been very mild. We're all extremely well-behaved at this point. It's still the beginning of the semester, so everyone's getting into the swing of things. For the moment, everyone's focusing on their academics."

The IFC statement can be found at [http://www.mitifc.org/docs/PBE\\_Statement.pdf](http://www.mitifc.org/docs/PBE_Statement.pdf).



GREG STEINBRECHER—THE TECH

**Professor of Applied Physics Harry A. Atwater of the California Institute of Technology speaks about solar cell technology** at *Technology Review's* Emerging Technologies Conference at MIT on Thursday. Now in its tenth year, emTech@MIT is a three-day-long conference that brings together leaders in technology, engineering, investment, and management.

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*Police Blotter* (MIT Crime Club), Aug. 22, 2010–Sept. 13, 2010

Sept. 11, 12:00 p.m., **Materials Engin. Bldg.**, Rear 21 Ames St., defibrillator stolen by four male suspects.  
 Sept. 11, 1:20 a.m., **Stratton Student Ctr.**, 84 Mass. Ave., Boston Univ. Police assist MIT Police with victim of an assault on Mass. Ave.  
 Sept. 8, 6:20 a.m., **Bexley Hall**, 52 Mass. Ave., laptop stolen from room.  
 Sept. 5, 12:00 p.m., a male suspect, est. age 20, riding a small BMX bicycle approached a Somerville man walking on **Columbia St. near Hampshire St.**, put a handgun to his temple, and demanded his money.  
 Sept. 5, 11:50 p.m., a male suspect riding a bicycle approached a Cambridge woman walking on **Magazine St.**, made sexual comments, and stated that he had a gun. The resident made her way home without incident.  
 Sept. 5, 11:30 p.m., a male suspect riding a bicycle approached a Harvard graduate student walking on **Memorial Dr. near Peabody Terrace Graduate Housing**, displayed a handgun, and demanded his money.  
 Sept. 4, 11:30 p.m., **Theta Chi**, 528 Beacon St., Boston, laptop and camera stolen from room.  
 Aug. 30, 11:04 p.m., Ibrahim Zaoui, 34, of 449 Broadway, Everett, arrested on charges of armed assault with intent to murder, operating to endanger, and assault & battery with a dangerous weapon (car) after he used his cab as a weapon to strike a bicyclist, age 17, on **Mass. Ave. at Albany St.** Zaoui claimed he was being harassed by a group of cyclists and couldn't get away. Two knives were found on his person. Criminal history: none.

Aug. 30, 7:40 p.m., **Stata Ctr.**, 32 Vassar St., **bike stolen**.  
 Aug. 30, 7:07 p.m., Eric J. Goldberg, 41, of 53 Dana St., Cambridge, Assoc. Professor of **Medieval History**, arrested on a charge of assault & battery after an altercation during an argument. Criminal history: none. Comment: Goldberg is, in addition, Assoc. Professor—On Leave, Williams College (most selective college in US).  
 Aug. 27, 10:00 a.m.–10:20 a.m., **Human Resourc. Bldg.**, 400 Main St., two laptops stolen.  
 Aug. 27, 9:30 a.m., **Koch Biology Bldg.**, 31 Ames St., **bike stolen**.  
 Aug. 27, 9:00 a.m., **McNair Astrophysics Bldg.**, 70 Vassar St., laptop stolen.  
 Aug. 26, 1:30 p.m., **Engin. Sys. & Policy Bldg.**, 1 Ames St., **bike stolen**.  
 Aug. 25, 3:00 p.m., **Zesiger Sports Ctr.**, 120 Vassar St., wallet stolen.  
 Aug. 25, 12:30 p.m., **Bldg. 3**, 33 Mass. Ave., money stolen.  
 Aug. 24, 1:35 p.m., **Brain & Cognitive Scis. Bldg.**, 43 Vassar St., research laser stolen.  
 Aug. 23, 3:00 p.m., **PDT**, 97 Bay State Rd., **bike stolen**.  
 Aug. 22, 9:00 a.m., **Aero/Astro Lab**, 125 Mass. Ave., laptop stolen.  
 Aug. 22, 2:23 a.m., **Whitaker Biol. Engin. Bldg.**, Rear 21 Ames St., **suspicious activity around bike racks**; three persons issued trespass warnings.  
 Aug. 21, 7:50 p.m., **Nuclear Reactor Lab**, 138 Albany St., **suspicious activity around bike racks**; three persons issued trespass warnings.  
 Aug. 21, 4:30 p.m., **Stratton Student Ctr.**, 84 Mass. Ave., **bicycle stolen**.

# Acting dean's passion is urban transport

Barnhart, from Page 1

members hired in the year ending June 2010, Barnhart said, calling that a significant milestone.

Barnhart discussed about plans to grow interdisciplinary programs within the School of Engineering, especially the new undergraduate degree in Engineering, popularized by Course II-A. Barnhart noted Course XVI, Aero/Astro, as the second department to offer the Engineering degree, and said that Course X, Chemical Engineering, will very likely be next. Course II-A is "the fastest-growing program in the fastest-growing department," she said.

Barnhart has continued her own research throughout her tenure as associate dean, and will do so as acting dean. Barnhart is director of the "Transportation@MIT" initiative, which brings together the School of Engineering, the School Architecture and Planning, and the Sloan School of Management to focus on sustainable transportation.

The Transportation@MIT center has been integrating on-demand mobility solutions with public transportation options, letting people use real-time information communications and control to improve the transportation experience.

For instance, the Future Urban Mobility program brings together computer scientists, urban planners, transportation scientists, and operations researchers to address problems in urban mobility.

Barnhart would like to do more testing around Boston, not just in Singapore and Portugal, where they have done a lot of work. While it sounds a lot like NextBus, which predicts the arrival times of local campus shuttles and the No. 1 bus, it could be much more experimental. Barnhart wants to establish a Boston-based mobility lab focusing on local transportation and mobility issues and solutions, and integrating the research results from MIT's ongoing transportation projects in other parts of the world.

Getting the resources to do that is her top priority in her role as director of Transportation@MIT, she said.

"I'm an operations researcher — an optimizer," she said. "I work mostly on developing mathematical models of transportation systems." She has worked to optimize the schedules and operations of railroads, airlines, overnight package delivery services, and intermodal transportation.

Barnhart, who goes by Cindy, lives with her husband in Wellesley, Mass. They have two daughters: One is a freshman at Colby College, and the other is a sophomore in high school. Barnhart and family hosted 18 girls from the Wellesley High field hockey team to dinner last night.

## Sunday October 3 is Bicycle Theft Prevention Day

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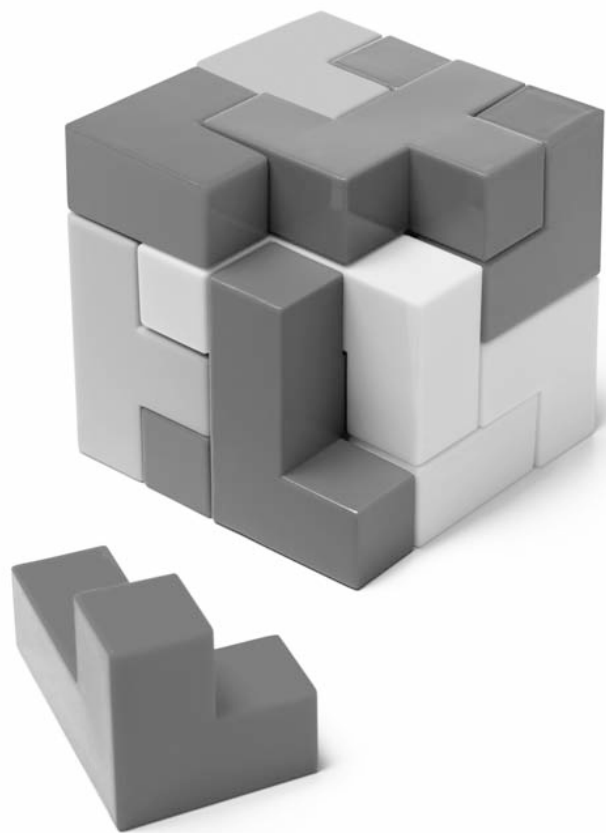
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### Solution to Crossword

from page 7

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

## Plantiffs reject Univ. of California involvement in stem cell lawsuit

Both the National Institutes of Health and the plaintiffs, James L. Sherley and Theresa A. Deisher, told a court yesterday that they opposed the University of California's request to join the stem cell lawsuit.

The next big development in the case will come Monday when the Circuit Court of Appeals hears oral argument. The sides will argue whether the court should continue to suspend the ban on federally funded human embryonic stem cell research. The court is expected to rule next week.

The government encouraged the university to file a friend-of-the-court, or *amicus curiae*, brief, instead of trying to join the case as a formal party.

The university said in a statement that it was "pleased" the government urged the court to "fully consider" the university's *amicus* submissions.

— John A. Hawkinson

## S<sup>3</sup> changes clarify internal processes

S<sup>3</sup>, from Page 1

the office and increasing awareness of S<sup>3</sup>'s services.

Randall was especially positive about the new Tuesday hours. "This change is especially exciting because the extra hours are available when students are generally not busy with classes," he said.

S<sup>3</sup> also made changes in student readmission, so that readmitted students could adapt more easily to social and academic challenges. The readmission application now requires students to plan their course load for each semester until graduation. The advisor who reviews the application and writes a recommendation must also comment on the student's planned academic schedule.

"The changes encourage students to have a more substantive relationship with their advisors during the readmission process," explained Randall.

Deadlines for readmission applications are two weeks earlier than in the past, allowing students to receive a reply earlier and easing the visa application process for international students. S<sup>3</sup> also aims to be proactive about working with readmitted students throughout the semester.

S<sup>3</sup> also combined leave of ab-

sences and voluntary withdrawals into one category. Randall noted that there was much overlap between the two programs, so removing one form of absence would increase efficiency without harming students' ability to withdraw as needed.

Many of the other changes involved refining the internal processes within S<sup>3</sup> and did not directly impact the services that the staff provided for the students. Most notably, S<sup>3</sup> is now under the umbrella of the Office of the Dean for Undergraduate Education, as part of the Office of Undergraduate Advising and Academic Programming. Previously it had been part of the Division of Student Life.

S<sup>3</sup> has also formulated its mission statement and confidentiality agreement to reaffirm its duties and responsibilities. The new confidentiality agreement states that S<sup>3</sup> "will not share information disclosed during meetings," but that sometimes "information needs to be shared with MIT faculty or staff, parents, or health care providers" with the consent of the student. The changes in the written policies do not describe actual changes in S<sup>3</sup> operates; they simply clarify and make explicit some long-held S<sup>3</sup> policies, Randall said.

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# Firms buy into MIT cachet

Career fair, from Page 1

thing," Whaley said. With the growing number of opportunities comes an increasingly competitive job market. Cabeceiras emphasizes that to stand out, students have to be willing to "take additional responsibilities and set out to prove themselves."

### The brand name

Potential employers hold continue to hold the MIT degree with high regard. Whaley said his company has had "good luck" with MIT graduates in the past, and that the quality of the pool is "quite higher." "MIT kids understand technology better," Whaley said. He added that a resume from MIT immediately "attracts attention, even if it doesn't have the highest GPA."

Gerzain V. Rosas '13 is confident in the value of an MIT education. "Even though job prospects might be down, the skill sets gained from MIT are invaluable," Rosas said.

Many MIT alumni at the Career Fair are now involved in start-ups, agreeing that their experiences at MIT deeply influenced their current paths.

Nicholas Edelman '08 from Room77 said that he chose a career and lifestyle that "reflects the intensity and intellectual rigor of MIT." He also said that MIT fosters in its students "all the qualities needed to be an entrepreneur."

Lisa Danz '10, who works for OPower, an energy software company founded in 2007, said OPower likes MIT students because they share a similar worldview to the company.

According to the MIT Entrepreneurial Research Center, about 25,600 companies founded or co-founded by MIT alumni were still existence in 2006, having generated revenues of \$2 trillion. Start-up companies founded by MIT alumni include Roomba, Texas Instruments, and Raytheon.

### Turnout

Both students and recruiters were extremely pleased in the turnout of the Career Fair.

"We had far more candidates than we expected; we needed more manpower to read the resumes," Yang said.

Gerzain V. Rosas '13 said, "It matched and surpassed my expectations. I felt like it was a rewarding experience I could learn from."

Recruiters emphasized the importance of the human element in finding a job. Dhanvi Reddy '09 from Vecna said communication skills are "extremely important." He also advised prospectives to "ask the right questions and show you're genuinely interested in working for the company."



GREG STEINBRECHER—THE TECH

The Cambridge Fire Department responds to a chemical spill in 18-006 on Thursday evening. Building 18, the chemistry building, was designed by I.M. Pei and constructed in the 1960s.



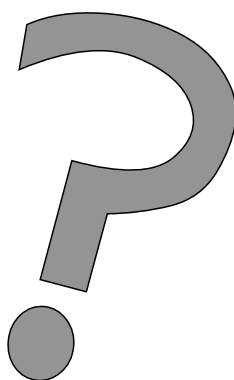
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#### Sessions will be held on the MIT Campus

#### Students:

- September 28 at 12:00pm - West Lounge (W20-201)
- September 29 at 5:30pm - 20 Chimneys (W20-306)

#### Faculty & Staff:

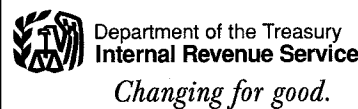
- September 28 at 5:30pm - Zesiger, Z Media Room (W35-199)
- September 29 at 12:00pm - 20 Chimneys (W20-306)

Please e-mail your name, contact information and selected session to [kendallsquare@MIT.edu](mailto:kendallsquare@MIT.edu) to register and for questions. Registration is limited (to maximize ability for participation in each session) and you will receive confirmation of your participation in your selected session. However, you can also provide your feedback by sending an e-mail with your thoughts to [kendallsquare@MIT.edu](mailto:kendallsquare@MIT.edu) or by responding to our brief survey at <http://www.surveymonkey.com/s/kendallsquare>.

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#### Solution to Hard Sudoku from page 5

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

#### Solution to Easy Sudoku from page 5

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



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JOHN A. HAWKINSON—THE TECH

**Gregory Gaultier of France retrieves a tough return hit by Amr Shamana of Egypt during the Showdown@Symphony squash tournament on Wednesday.** Each of the four professional squash players invited to play in the tournament at Symphony Hall has either held the World No. 1 ranking or won the World Open.

## Marching on in high spirits

*The wacky, exuberant marching band is pure MIT*

**Marching band**, from Page 16

they already love to do. Much of their music is self-arranged, and the overall attitude, according to marching band president Lauren M. Jozwiak '11, is that "[they] don't take themselves too seriously." Music director Sarah Don adds, "and we are always looking for new members."

What makes MIT a special place is that the student body, like the MIT marching band members, "don't take themselves too seriously." At other schools, people could not tolerate a marching band that wore capes and did beach-themed half-time shows. We are part of a culture that embraces things that are clever, eccentric, and entertaining. Whether we actively take part in a group like the marching band, or go hacking, or drop things from

high places just for fun, we know that here those things will be appreciated, or at least tolerated.

With that being said, seriously consider going to the next football game (the next home game is on Saturday, October 2nd) with your friends and paint "GO TECH" on your stomachs, or learn how to say the Beaver call in Esperanto, or show up in a suit of Cardinal Red chain mail. Do something crazy to show your Beaver pride, because this is the only place where that will be socially acceptable.

We may not all be sports fans, but I believe we could all use a break from psetting to do something we will never be able to do again: Be crazy college sports fans. We can all learn a lesson from the MIT marching band, and get out there and show our MIT pride while having fun doing it.

## SPORTS SHORTS

### Five MIT athletes named NEWMAC Players of the Week

The women's tennis pair of Lauren C. Quisenberry '14 and Julia C. Hsu '14 became the first repeat winners of the conference award this year for MIT, earning the honor for the second straight week after a strong performance at the ITA New England Regional Tournament. Quisenberry and Hsu advanced to the quarterfinals before falling to the first-seeded pair in the tournament from Middlebury.

Alisha D. Lussiez '12 took the honor for women's soccer as the Engineers flew out of the gates to a 5-1 start. Lussiez led MIT to an undefeated week, scoring the lone goals in 1-0 victories over UMass Dartmouth and Clark. She now has seven goals on the year, and leads the conference in goals, points, and game-winning goals.

The men's soccer team also had an honoree in midfielder Matthew A. Monheit '14. In a 3-0 week for MIT, Monheit posted two goals and three assists. He earned the assist on what proved to be the game-winning goal and followed with an insurance tally in a 3-1 win over Emmanuel, then two assists in a 6-0 decision against Wheelock before scoring the game-winning goal in a 2-1 victory over Springfield.

The men's cross country team produced the final award winner, Paul D. Welle '11. Welle finished fourth overall in a field of nearly 300 runners at the UMass-Dartmouth In-

vitational on Saturday. He navigated the 8k course in 24:51 in a meet featuring some of the top squads in New England, including all seven NEWMAC teams.

—Mindy Brauer, DAPER Staff

### Sailing hosts Midweek Tech Invite

Hanna Vincent '14 and Hannah Sparkman '12 propelled the Engineers sailing team to a victory at the

Midweek Tech Invite, a fun and educational race hosted by MIT on Tuesday afternoon. The pair raced to a sixteen point total and edged the second place boat by a single point for the overall victory.

Neil Forrester '12 and Leo Zhon '14 finished in third with a total of 25 points, while Tevis Nichols '12 sailed with Grace Yang '14 to a fifth place finish on thirty points, ten clear of their next opponents. The final Engineer boat, sailed by Jacqueline Soegaard '12 and Iris Xu '14, finished in 12th.

Fourteen teams competed in the afternoon event, all from local area schools including MIT, Northeastern, Wellesley, Harvard and Tufts. Sailors assembled on the docks of the MIT Sailing Pavilion for six high quality races in technical dinghies. The breeze oscillated between SW and WSW at 10-14 knots with an occasional swam and capsize. There were no boat rotations, just non-stop racing while coaches assisted all participants in the back half of fleet during the races.

—Craig Kauffman, DAPER Staff

## Altman Vilandrie & Company

### Strategy Consulting & Investment Advisory

Altman Vilandrie & Company (AV&Co.) is a boutique strategy consulting group that focuses exclusively on the telecommunications, media, clean technology, and related technology and investor sectors. As one of the only pure play communications and media strategy consulting firms in North America, we assist operating companies and financial groups in fast, high-impact, confident decision making.

#### RESUME SUBMISSION DEADLINE

#### Monday, September 27th

All candidates must submit a cover letter, resume (with SAT scores and GPA), and unofficial transcript via the CareerBridge system.

#### ON-CAMPUS INTERVIEWS (Full-time Opportunities)

#### Monday, October 4th

#### Career Services

Summer internship interviews will be conducted in February 2011

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