Major decisions just got more interesting

**EECS-Biology major to give foundation in two thriving areas**

By Clara Park

The requirements for the new Course 6-7 (Computer Science and Molecular Biology) were recently unveiled on the newly-launched course website, ahead of the April 29 deadline for freshmen to declare their major. The goal of the new joint major between the Department of Electrical Engineering and Computer Science and the Department of Biology is to provide instruction in the field of computational and molecular biology, while also fostering an understanding of both biology and computer science.

Though expertise in both biology and computer science is valuable in research and industry, there are very few people who can satisfy that criterion, according to Christopher A. Kaiser PhD '88, head of the biology department. "A lot of MIT students are interested in getting trained, but the only way they could do that was to double major in biology and Course 6." Kaiser said, "Very few people could actually pull that off." Course 6-7 was designed to be an equal partnership between the two constituent departments. The joint program between Course 6 and 7 calls for eight subjects (96 credits) from computer science and 7.5 subjects (90 credits) from biology. The requirements include eight of the 14 subjects needed to complete Course 7.

In addition to having an almost equal

**New Course X major allows concentration in ChemEng fields**

By Maggie Lloyd

A new flexible Bachelor of Science degree in Engineering as recommended by the chemical engineering department was approved during Wednesday's faculty meeting. According to Course 10 Executive Officer Paula T. Kahn PhD '87, the 10-ENG degree was designed over the past 2.5 years to allow students to focus on a sub-topic in chemical engineering.

Along with the 12 engineering courses required for certification by the Accreditation Board for Engineering and Technology (ABET), 10-ENG students will be required to take three "foundational concepts" classes, including one Course 10 lab class. The degree also requires four subjects in a chosen 10-ENG concentration. Options for concentrations currently consist of energy, environmental studies, biomedical engineering, and materials design and processing. According to Hammond, this list is subject to change; student feedback will play a role in determining future areas of concentration.

The chemical engineering department already offers three courses: Course 10 (chemical engineering), and Course 10-C, an unaccredited Bachelor of Science for students interested in specializing in another area of study while gaining a broad understanding of chemical engineering.

**Ambassador Meera Shankar discusses Indian economy**

By Michelle E. Szucs

Indian Ambassador to the United States Meera Shankar visited MIT Wednesday to speak about the Indian government's goal of maintaining a high economic growth rate. Shankar's talk came as part of the B&K Securities MIT India Forum, a series of lectures by prominent Indians.

"India grapples with concerns over infrastructure and economic equity, its government plans to drive growth through the services, manufacturing, and agricultural sectors." Shankar said manufacturing holds an increasingly important role in India's future, and the country attracts companies to both produce and sell their goods in India. The government is also encouraging agricultural advancements to revitalize that industry.

As India's economy expands, officials must ensure growth is sustainable and fair. Despite a large increase in the size of the middle class, millions of the democracy's citizens still live in poverty and are marginalized members of society. At the same time, India's infrastructure has fallen behind the level necessary for the country's recent developments. According to Shankar, India is now employing selective government intervention to increase private investment in infrastructure and to ensure that economic growth reaches as much of the country as possible.

Before the 1990s, India's economy focused on equity over growth. In 1998, India began liberalizing its economy by decreasing government control over many domestic industries and increasing its openness in the rest of the world. Combined, these actions sought to increase competitiveness and encourage innovation.

Shankar said that the changes have had a positive impact, greatly increasing the nation's growth rate. The pre-1990s average growth rate of approximately 3 percent per year was immeasurably termed the "Hindu rate of growth", since 1997, the country's growth rate has averaged 7 percent annually. Even during the recent recession, India continued to grow

**Electric engine runs retro Porsche**

By Lauren Shear

The MIT Electric Vehicle Team displays an old 1976 Porsche fitted with modern electric engine technology.

**Lobby 7 design winners announced**

The winners of the Lobby 7 Design Competition were publicly announced last Friday. Frederick C. Kim '11 and Kayla C. Manning '11, competing as a team, and Benjamin J. Peters '07 were the first place winners, and the team competition was won by the Doughty, Volicer, and Woods design. The competition, launched in May of last year, asked students to design creative adornments for the four empty plinths of Lobby 7. An honorable mention was awarded to Bethany D. Patten '11 for her vision of hanging installations for the four empty plinths. With the funding called it "hilarious and fun."
Democrats sue to force donor disclosure

WASHINGTON — Unable to stanch the flow of corporate money to Republican causes, Democrats tried a new tack Thursday by bringing a lawsuit against the Federal Election Commission and the discs of the states of millions of dollars in secret donations.

The suit seeks to close “a major loophole” at the commission that allows private companies and nonprofit groups to operate “under a veil of anonymity” in raising money for political candidates, a coalition of 25-D, LLC, which brought the lawsuit along with lawyers for several liberal groups.

A victory in political causes — the result of a Supreme Court decision in January 2010 — became a suit along with lawyers for several liberal groups.

Some Democrats attributed their loss of the House majority in November to the need of large donations to win legislative races. They have been unsuccessful in rolling back aspects of the Citizens United decision in the courts or in Congress, where the Republicans blocked passage of a year of a measure known as the Disclose Act, which Van Hollen sponsored.


Libyan rebels advance in West, US to deploy drones

By David D. Kirkpatrick and Thom Shanker

CAIRO — The government of Muammar Gaddafi suffered setbacks on multiple fronts Thursday as rebels in the western mountains seized a Tunisian border crossing, fighters in the besieged city of Misrata said they were gaining ground and President Barack Obama authorized the use of armed drones for close-in fighting against the Gadhafi forces.

The rebels in the Western mountains took control of a border crossing in the town of Wacen after an early-morning battle that sent a small number of Libyan soldiers fleeing across the frontier, the official Tunisian news agency reported.

The news agency said 13 Libyan soldiers, including a colonel and two commanders, had been detained, while a rebel spokesman in the eastern city of Benghazi asserted that more than 100 had 2009. Soldiers are built with the翅膀 of birds, while women are built with the wings of angels.


Cloud-based web services fail at Amazon, disrupting sites

A widespread failure in Amazon’s Web services business took down many Internet sites Thursday, highlighting the risks involved when companies rely on so-called cloud computing.

The problems, which began early Thursday morning and had not been completely repaired by the end of the day, affected sites including Quora.com, Reddit.com, GroupMe.com and 4chan.org, which all posted messages to their visitors about the issue. Most of the sites were inaccessible for hours, and others were running slowly.

The Web companies use Amazon’s cloud-based service to save money on their data centers and computing power. But that gives the companies the risks involved when companies rely on so-called cloud computing.

By Eric Lipton

WASHINGTON — Sen. John Ensign of Nevada, the subject of an ethics investigation related to his affair with the wife of a former top aide, announced Thursday evening that he was resigning, effectively ending the high-profile Senate inquiry that had already ruined his once-promising political career.

“...for the sake of my family, I have decided that I must step aside...”

Ensign, a Republican, said in a statement issued Thursday that “the turbulence of these last few years is greatly surpassed by the incredible evidence that I feel I have to be entrusted to serve the people of Nevada.”

Republican Party operatives said Ensign’s resignation, which will happen May 3, would open the door to Nevada’s governor, Brian Sandoval, to appoint a Republican to fill out the rest of the Senate term, thereby increasing the chances that the party would hold on to what may be a hotly contested seat next year. One likely candidate is Rep. Dean Heller, a Republican House member who was the co-chair of the health care reform effort and has been planning to run for re-election.

If Heller is appointed, he would be able to run as an incumbent, and by leaving the House he could also run as a candidate without losing his residency or his ability to represent Nevada.

By By Vincent Agard

Spring is the peak season for severe weather in the southern United States, and that fact has been quite apparent over the past week. Last Thursday, a deep low pressure system over the southern Great Plains be- came trapped over severe thunderstorms and tornadoes in that region. As the storm tracked eastward over the next two days, a major tornado outbreak developed, which eventually produced severe tornadoes touching down in 15 states. Forty-three people were killed as a result of tornadoes and high winds associated with thunderstorms during this outbreak.

Unfortunately, conditions have remained favorable for severe weather in the South over the past week. Another 37 tornadoes touched down across the Plains and the Mid- west on Tuesday and Wednesday. And the area was struck by severe thunderstorms again yesterday.

Closer to home, the season for severe weather has yet to ar-rive, as the tornado outlook will be more typical of spring in the Northeast.

Extended Forecast

Today: Sunny and calm. High 52°F (11°C). Winds NW at 8-10 mph, becoming E.

Tonight: Mostly clear and calm. Low 36°F (2°C). Winds E at 10-15 mph.


Sunday: Partly sunny. Highs in the low 60°F (17°C).
americans are more pessimis-
tic about the nation's economic outlook than they have been at any time since President Barack Obama's first two months in office. This was still officially ensnared in the Great Depression, according to the latest New York Times/CBS News poll.

Airing rising prices, stubborn unemployment and a cacophonous debate in Washington over the federal government's ability to meet its future obligations, the poll presents stark evidence that the slow, if un-
steady, gains in public confidence earlier this year as the recession subsided was under way are now all but gone.

Capturing what appears to be an abrupt change in attitude, the survey shows that the number of Americans who also express concern about the nation's economic future has grown by 13 per-
centage points in just one month.

Though there have been encourag-
ing signs of renewed growth since last fall, many economists are hav-
ing reservations about the pace of expansion. The pace of improvement might not be fast enough to create significant job growth.

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Time to put government hands on Medicare

By Keith Yeat

Two weeks ago, Representative Paul Ryan (R-Wis.), the chairman of the House Budget Committee, issued a CBO-scored budget proposal that is being called the “Path to Prosperity.” The budget, a first of its kind, is a magnum, comprehensive fix to our debt problem — that has caused many in the political establishment flat-footed. This includes President Obama (whose own budget plan looks proflig in comparison) as well as many Republican leaders who have thought it politically wise to advocate for spending cuts without enumerating what specific areas should be cut.

In broad strokes, Ryan’s plan cuts $6.2 trillion over the next ten years relative to Obama’s proposal and brings the public debt down to 10 percent of GDP. It includes significant cuts to Medicare and Social Security. On military spending, Ryan offers only the cuts that have already been proposed by Defense Secretary Robert Gates. Perhaps Ryan feels out of his element in trying to rein in military expenditures — but if so, he should overcome his reticence. We could save ourselves a good deal of money if we stopped building weapons systems using China as the design-backstop

Conversely, the plan preserves brinkkits for the two major spending areas that Ryan leaves untouched — military expenditure and the mortgage interest deduction, and a much-needed reform of our civil retirement system.

As a budget, Ryan’s plan deserves plaudits for its moves to non-military discretionary spending and tax reform. The highlights of these cuts are long overdue reductions to farm subsidies, an end to both the employer-sponsored healthcare subsidies and the mortgage interest deduction, and a much-needed reform of our civil retirement system.

By every indication, U.S. medical

[...]

Letters, columns, and cartoons must bear the authors’ signatures, addresses, and phone numbers. Unsigned letters are due by 4:30 p.m. two days before the date of publication. Interdepartmental mail to Room W20-483. All submissions will not be returned. Letters, columns, and cartoons may also be posted on The Tech’s Web site and/or printed or published in any other format or medium now known or later that may be invented. The Tech retains the right to edit or resubmit errors that call for correction to the sole coherent ideological vision of their future. The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority. Once submitted, all letters become property of The Tech, and will not be returned. Letters, columns, and cartoons may also be posted on The Tech’s Web site and/or printed or published in any other format or medium now known or later that may be invented. The Tech reserves the right to edit or resubmit errors that call for correction to the sole coherent ideological vision of their future.
Unnatural Selection by Meisel/Tonn/Wang

SO... FROM MICE TO C. ELEGANS, EH?

ARE WE AT LEAST GOING TO GET NAMES?

WORMS ARE EASIER TO DRAW.

WHY BOTHER? WE’LL BE DEAD IN TWO WEEKS.

WELL, LET’S MAKE THE MOST OF OUR SHORT LIVES. WHAT DO YOU SAY?

I’M A HERMAPHRODITE.

Arthursaurus Rex by Ramya Swamy

Unnatural Selection comic.tumblr.com

Arthursaurus Rex by Ramya Swamy

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

Until then, I’ll be picking mushrooms, ruining people’s research...

Why are you in my kitchen drinking tea?

Is it proper etiquette to call your guest a lola or?

I’m not sure I should take one considering your...line of work.

Why would you worry about poisons? I wouldn’t bet your bounty would cover the cost for these.

Actually I’m concerned you aren’t aware you have more than enough flaws without adding “Robo bakeries” to the list.

So you’re beginning your new lawful existence by breaking into my house??

It’s like I’m starting over...no longer wanted in every other town...

Does your presence mean that I’ll be working overtime?

Must you think so negatively of me, Miss Town Guard? I’ve joined the mages’ guild.

Next time you might need much more magic support than what I can currently provide...so...

*Morrowind

and well, occasionally shortening visits from demon lords.

So how long before I get reimbursed?

3 to 5 weeks.

It’s just short enough that you think you’ll get it, but long enough that you’ll probably forget about it in case we lose your application.

So I might never see my money?

Haa, it really yours to begin with?

I’m a poor grad student. I need to eat.

www.phdcomics.com

Piled Higher and Deeper by Jorge Cham

Why are you in my kitchen drinking tea?

Is it proper etiquette to call your guest a lola?

I’m not sure I should take one considering your...line of work.

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I’m a poor grad student. I need to eat.

www.phdcomics.com

Piled Higher and Deeper by Jorge Cham
Crossword Puzzle
Solution, page 17

ACROSS
1 Actress Messing of “Will & Grace” ____________________________
6 Nothing, in Latin ____________________________
11 6-Across suffix ____________________________
14 Typical ____________________________
15 Endangered layer ____________________________
16 Boston __ Party ____________________________
17 Toon rodent who’s a British secret agent ____________________________
19 Long in the tooth ____________________________
20 Scenic routes, often ____________________________
21 “Look Homeward, Angel” author Thomas ____________________________
22 Mike Nichols’s comedy partner ____________________________
23 Attempt ____________________________
24 Online birthday greeting ____________________________
25 1930s-’40s German-American political group ____________________________
26 Moving toward the calmer side, at sea ____________________________
27 How a debater’s response is made ____________________________
28 Mormons’ gp. ____________________________
29 Philly Ivy League sch. ____________________________
30 Minister’s home ____________________________
31 Art Deco designer ____________________________
32 Trailer park resident, for short ____________________________
33 Cattle drive buddy ____________________________
34 Dinghy propeller ____________________________
35 TiVo predecessors ____________________________
36 Bouquet ____________________________
37 Slugger Sammy ____________________________
38 Coll. dorm VIPs ____________________________
39 Barely manage, with “out” ____________________________
40 German name for Cologne ____________________________
41 Cup for café ____________________________
42 Shipwrecked literary hero ____________________________
43 17-, 26- and 42-Across, first words of ____________________________
44 Common poolside chair ____________________________
45 Bridle part ____________________________
46 “__ directed”: medication warning ____________________________
47 Ship, to a sailor ____________________________
48 Ball field protector ____________________________
49 Peruvian of old ____________________________
50 Mike Nichols’s comedy partner ____________________________
51 Former Ford cars ____________________________
52 DeMille film, say ____________________________
53 Enhanced milkshake ____________________________
54 Entr’__: intermission ____________________________
55 Mon., on Tues. ____________________________
56 Aardvark’s snack ____________________________
57 TV sci-fi series, first aired 9/15/1965, on which a robot spoke the catch-phrase formed by the first words of 17-, 26- and 42-Across ____________________________
58 Four quarters ____________________________

DOWN
1 Bombs that don’t go off ____________________________
2 Actor Morales ____________________________
3 1930s-’40s German-American political group ____________________________
4 Furry ____________________________
5 In a wary way ____________________________
6 “Hold the Hellmann’s” ____________________________
7 Shirt that once had a reptilian logo ____________________________
8 Male servant ____________________________
9 Aetna’s business: Abbr. ____________________________
10 Moving toward the calmer side, at sea ____________________________
11 “Shoulda listened to me!” ____________________________
12 Egg ____________________________
13 Created ____________________________
14 Typical ____________________________
15 Endangered layer ____________________________
16 Boston __ Party ____________________________
17 Toon rodent who’s a British secret agent ____________________________
19 Long in the tooth ____________________________
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53 Enhanced milkshake ____________________________
54 Entr’__: intermission ____________________________
55 Mon., on Tues. ____________________________
56 Four quarters ____________________________

Sudoku
Solution, page 20

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Techdoku
Solution, page 21

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</tbody>
</table>

Techdoku 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.
On Kombat

 nghỉt. You've got him! He's just standing there. All eyes on you. You know the challenge? Sometimes, you've always known them.

Again?

It's time to unluck the warrior within.

The End Times

The end cannot be true. Or, at any rate, they can't all be true at the same time.

What's this? A cat? A cat? A cat?

What's this? A cat? A cat? A cat?

This is the beast spoken of in heredons!

The End Times

by Jerry Holkins
and Mike Krahulik

Let our Certified Packaging Experts help you move home for the summer.

Whether you are moving across the state or across the world, we can pack and ship your stuff.

We offer:

- Shipping and Packaging Services
- Domestic and International Freight Services
- Guaranteed Air Service
- Storage Services (free boxes)
- Curbside Pickup (ask for details)
- Moving Supplies (discounted boxes)
- Mailbox Services
- Discounts on International Shipments

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THANK YOU
from Bon Appétit Management Company

Thanks to MIT students, faculty and staff for choosing Bon Appétit as the new house dining vendor

We’re looking forward to hearing your ideas on how to make this program great. We’ve gotten things started with a few of our own:

• Exciting new food stations, including Indian food, a smoker for BBQ, and sushi
• Use your meal plan at Simmons late night café
• A free sampling of our new fare; details to come
• A farm tour on May 13th
• Cooking classes with executive chef Jim Lachance; details to come

What’s on your dining wish list?
Email us at dining_dialogue@mit.edu

Want to learn more about Bon Appétit’s commitment to sustainability?
www.cafebonappetit.com

www.bamco.com
Real city, real people, real fashion

Bill Cunningham shows a more genuine side of the fashion industry

By Carolyn Zhang

This is a story of a man and his city. The man — legendary fashion photographer Bill Cunningham — has faithfully documented street style for The New York Times for decades. The city, as seen through his lens, hosts a menagerie of creative geniuses ranging from the elegantly subtle to the outrageously flashy. Cunningham’s extensive portfolio serves as a comprehensive anthology of the last half-century of New York fashion. Even now, still energetic at age 80, he bikes through the heart of New York City every day, chronicling noteworthy outcuits with his analog film camera.

Despite his ubiquitous presence around the city, the man himself remains a fiercely private individual; he was so reluctant to participate in this documentary that the film took 10 years to make. According to director Richard Press, “eight years” to convince Bill to be filmed and two to shoot and edit the film. Cunningham is a walking contradiction: according to the documentary, all singing and all dancing, he is clapping his hands gleefully or darting down the catwalk, he brings forth real moments of real men and women.

The documentary transitions from framing Cunningham as an artist to a historian. As the man explains, “I have chronicled the street fashion in New York for the past four decades in the New York Times Sunday paper, ‘Oh the Street!’” His contribution to the fashion industry has been to humanize the clothes. Instead of capturing portraits of towering Amazons storming down the catwalk, he brings forth real moments of real men and women.

The film reveals Cunningham’s surprisingly Spartan living arrangements — he lives in a small studio above Carnegie Hall, unembellished except for the wall-to-wall file cabinets filled with (all of) his film negatives. He needs no such frivolities as kitchens and private bath-rooms; his “chastest” consists of a few cheap bangs dangling off drawer handles. The state of his studio serves as a fitting breastplate for his ascetic lifestyle (he has a penchant for $3.00 egg sandwiches and sporting a royal blue smock worn by French garbagemen) and his resolute morality — what you’re wearing. As one colleague notes in the film, “Bill is a true egalitarian, however, that doesn’t mean he isn’t aware of cultural vision and hierarchies. He just treats it all the same.”

Standing on a street corner, outfitted in his signature blue smock (identical to ones worn by Parisian street sweepers), the octogenarian could easily be mistaken for one of the hoity-tooties. But perhaps what sets him apart from his industry colleagues — his humility, his anonymity, and his resolute morality — are what draw them to his side. Highly influential industry insiders — including Vogue editor in chief Anna Wintour and perennial style icon Iris Apfel — feature in the documentary, all singing encomiums of Cunningham’s art. Instead of capturing portraits of towering Amazons storming down the catwalk, he brings forth real moments of real men and women.

The documentary underscores Cunningham’s interest in the phenomenon of jeggings and chain belts. There is nothing for him that is too high-end or too low-end; as long as the clothes and details are interesting, Cunningham will document it. Despite being considered an arbiter of trends and taste in the fashion world, the director Richard Press argues that the perspective is biased and that Cunningham seems to run rampant. The editors, diva supermodels, and celebrity-obsessed designers seem to run rampant. Bill Cunningham is the legendary street style photographer who is perhaps the sole person in the modern world of character exploitation and disparagement. One may argue that the perspective is biased and that the camera may dwell too warmly on the eccentric, carousel, coloring everything with a soft glow of adoration. But again, there is a boyish charm to Cunningham that has not disappeared — even at the age of 80. Whether he is chalking his hands gleefully or darting about on his Schoen, he is always besheared by such energy and vigor — passion, reality — for his line of work that one cannot help but smile.

That is not to say that director Richard Press does not want to explore Cunningham’s humanity. Despite Cunningham’s humbleness and almost pious nature, he is not above a light touch of condescension. In a fit of excitement in explaining the beauty of dress patterns to the camera, he scoffs at a bit at his tough and humble layout producer: “What would a lumberjack like you know?” Even toward fashion, Cunningham turns a critical eye. If a design is sent down a runway that has been only a mildly reworked imitation of something worn 30 years ago, Cunningham only offers a pastrly glance. “What would a lumberjack like you know?”

Cunningham captures real fashion from real people on the street.

Bill Cunningham

By Maggie Liu

The fashion world has seen its fair share of strong personalities and peculiar charac- ters. Ruthlessly honest and demanding Vogue editors, diva supermodels, and celebrity-obsessed designers seem to run rampant. The documentary on Bill Cunningham is not re- ally about a renowned fashion photographer, but rather an artist and visual historian who happens to love his subjects very, very much.

Bill Cunningham is the legendary street style photographer who is perhaps the sole reason that street style fashion blogs even exist. He has chronicled the street fashion in New York for the past four decades in The New York Times Sunday paper, “Oh the Street!” His contribution to the fashion industry has been to humanize the clothes. Instead of capturing portraits of towering Amazons storming down the catwalk, he brings forth real moments of real men and women.

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THEATER REVIEW

Dramashop gets it on

Anna Kohler’s adaptation of a formerly controversial play is distinctly MIT

By Philipp M. Diesinger

During the past two weeks, MIT Theater Arts and Dramashop presented La Ronde (Let’s Get It On), an adaptation of the original play by Austrian author and dramatist Arthur Schnitzler. It was translated and directed for the MIT community by Anna C. Kohler, MIT Senior Lecturer in Theater Arts.

La Ronde explores the sexual morality of the early years of the 20th century by displaying a series of sexual encounters between archetypal characters across all classes of society, showing that sexual desires is a major part of human nature. Schnitzler finished La Ronde in 1900, but the play was not publicly performed before 1920 due to its content; even then, the work caused major controversy in Europe when first released.

The play starts with an encounter between a prostitute and a soldier, then moves on to a scene with the soldier and a parlor maid, an encounter with the parlor maid and a young gentleman, and so forth, passing through all social classes until the circle is closed by an encounter between a count and the prostitute. Kohler refreshed the original play in several ways to make it relevant for the 21st century and the MIT community. She also updated the play by adding multimedia elements and a new meta-plot that takes place on the Institute campus. Kohler replaced the 19th century archetypes with 21st century ones to make the play more relatable; for instance, the soldier was replaced with a quarterback, and the parlor maid with an au pair. But Kohler did much more than just modernize the individual scenes and characters.

Part of Kohler’s transformation of La Ronde into a multimedia experience included integrating video-recorded performances directly into the play, blurring the boundaries between film and theatre. One plantation of scenes of the play is an encounter between the theater diva Talullah (performed by male Jesse D. Triplett ’13) and the plantation owner Baron (Gary Wilmes). Wilmes’ facial expressions and voice were pre-recorded and directly projected onto a small screen attached to the face of Illan F. Halpern ’14 during the play. Halpern — performing nearly blind due to the screens — contributed excellently to the character with gestures and movements that supported the projection.

Kohler also added video-recorded performances of scenes that were not part of the original play to give La Ronde an MIT twist. Her version of La Ronde alternates between adapted scenes from the original Schnitzler play and short video-recorded scenes that take place on the Institute campus. The recorded scenes show two college students (played by Lindsay C. Stone ’13 and Halpern) making their way across campus. From the beginning they are clearly attracted to each other, but as they make their way across campus, they encounter other students and situations that leave them drifting away into the fantasy world of their desires, working against their original attraction. Their feelings and expectations of each other seem to change constantly.

Kohler uses this meta-plot to add an interpretation of Schnitzler’s play in the framework of the 21st century. She wants us to “acknowledge that there are dreams and fantasies that need to be fulfilled on a physical level.” This need, she says, is very important in times when technological progress has the tendency to keep people apart. “If we don’t, we would lose what makes us essentially human,” she adds.

The pre-recorded scenes add a more reflective side to La Ronde, contrasting with the rest of the adaptation, which is more comedic and incredibly entertaining to watch. It is interesting that, after a couple of sexual revolutions, a play that was originally highly controversial can easily be performed as a comedy today. For instance, when two characters have intercourse, the lights go out, and the actual sex is represented by short pop music pieces adapted to the individual situations. This staging triggered many laughs from the audience.

The MIT version of La Ronde turned out very well. The simple but effective set design and costumes give the play a modern touch, strongly contrasting to the overall atmosphere without being distracting. Overall, the multimedia elements were very well integrated. The short film screenings covered the time that was required to convert the stage between scenes.

The play drew the majority of its energy from its incredible actors. They made the production extremely enjoyable to watch. It usually takes actors a lot of commitment to their characters to play scenes involving sexual intercourse truthfully. In the case of La Ronde, every single one of the ten scenes has this challenge, but the fantastic cast presented a perfect performance. The actors filled their characters with life and passion, making the play very fun for the audience.

Kohler’s La Ronde was a great contribution to MIT’s cultural scene and demonstrated the incredible acting potential of the Institute’s students.
BREAKONOMICS 2011

SATURDAY APRIL 23
12-8 PM
LA SALA DE PUERTO RICO
MIT STUDENT CENTER

Competitions
$1200 3v3 bboy
$300 1v1 popping

Damage
$10 General
$5 MIT Students

Featuring

DJs
Franco De Leon
Actone

Judges
BBOY
Kid Glyde
Crazy Freddy
Check-It
Popping
Jazzy J
Megatron
Lady Beast

Sponsors
LEF

Exhibition Battle
Heat Rock One vs Rich Nyce, TAC
Life Campus Life Campus Life Campus Life Portal

The original Portal was released in 2007 to critical acclaim. It was a very short, polished game based on a novel concept—players wield a portal gun that can fire a blue or orange portal onto certain surfaces, and things that go through one portal come out the other, possibly after exponential speed and relative displacement. By applying this simple idea in different ways, the player navigated through test chambers of increasing difficulty, all while evading the test administrator’s attempts to hurt your feelings (and kill you).

It was a groundbreaking game, but by the time Valve, Portal’s creators, released the sequel in 2008, the concept had been stretched to its limit. Not much was known about Portal 2 before its launch, but one thing that was certain was that it had to be different from the original on some fundamental levels. It had to be different from Portal—different in all the right ways. Portal 2 attended to each of the deficiencies of its predecessor, and the result is a truly distinctive game.

“Look at you, flying majestically. Like an eagle. Piloting a blimp.”

— the evil GLaDOS

The original Portal’s GLaDOS was a character straight out of an a capella group that made several memorable appearances. The voice behind GLaDOS, Ellen McLain, brought her robotic characters to life with the help of brilliant, funny writing. There are so many memorable lines, in particular the phrase “shockingly, and satisfying, incomparable to the original game. The music was varied and interesting without being distracting. It went a long way towards making even the slower-paced portions of the game feel engaging. The soundtrack was especially impressive when it synced up with the player’s actions—when Chell makes a harrowing jump or dart through a series of “crunchers,” a series of quick, urgent pings are incorporated into the existing background music to accentuate the action. It makes action sequences, in which you still have full control of your character, feel almost cinematic.

I think we can put our differences behind us. For science. You monster.

— GLaDOS

Portal 2 is not a particularly challenging game. The devices that the solution can’t be found within minutes of observation and experimentation. The difficulty is comparable to the original Portal, but Portal came bundled with truly difficult challenge levels, whereas players of Portal 2 must rely on the co-op mode for additional test chambers. In Portal 2’s co-op mode, two players work together, each with their own set of portals, to get through special test chambers designed for partners. It’s fun and it’s different, but it still can’t be characterized as challenging.

The low difficulty is partly because very few parts of the game require quick aiming or reacting. Portal 2 isn’t a game that challenges your dexterity—it’s one that challenges your reasoning. This makes Portal 2 accessible to people who don’t have experience with first-person perspective games, but it might leave something to be desired for those who do. This isn’t to detract from the quality of the puzzles in Portal 2; they are each very well-designed and rewarding. This just isn’t a game that will stump you for days—whether that’s a positive or a negative attribute depends on the player.

“Has a medical degree. In fashion. From France.”

— the XBox and PS3 ($54.99), and for Portal 2 ($49.99), and for PC, $34.99, and for the XB360 and PS3 ($54.99).

All photos courtesy of Valve Corporation

By Connor Kirschbaum

Portal sequel more than still alive

Valve pushes boundaries with Portal 2’s characters, plot, and visuals

VIDEO GAME REVIEW

*GLaDOS*

*Wheatley*

*P. Johnson*

*Turret*
What’s your beef?
The Tech’s Deena Wang ‘meats’ with mitBEEF, MIT’s beef appreciation club

By Deena Wang
Staff Writer

Step aside, small fries! Mooove over, chicken! Beef is where it’s at, at least according to mitBEEF, MIT’s one-and-only beef appreciation club. To see whether that was true or just a load of bull, I headed over to Random Hall to do some ‘investigative journalism’ at the first Miscellaneous Cow Part Competition, where a plethora of unusual beef cuts were laid out for us to taste and identify.

Before the event, I met Lauren R. McGough ’12, the President, aka Master Carver, in Pecker kitchen. Along with her were a herd of other club members frying, chopping, and scooping cow parts in preparation for tasting. In between slicing and artfully arranging stomach tips on plates, she told me a little bit about the club. mitBEEF has about 30 to 40 regular members, but about 100 people have shown up to at least one event in the past year, making mitBEEF one of MIT’s larger interest clubs. They held “meatings” 3 to 4 times a semester, where members gather to graze on delicious beef.

I then headed downstairs to Fuso lounge, where members were milling about tasting food — some with gusto, others with trepidation. The dishes varied from scrambled eggs and brains, to ordinary gefilte, to “mystery meat,” which was actually a plate of hotdogs. Between bites of something fried and chewy, I talked to Alvetina Asarina G and Eric C. Price G, long-time members of the club. They told me that in addition to the usual meetings, mitBEEF has a wide variety of events, like beef chili on top of spaghetti. The preferences were also good if you needed to cook more than one box of spaghetti. He decided these instructions were also good if you needed to cook more than one box of spaghetti, so he had 20 boxes of spaghetti and he boiled eight quarts of water. You learn that that doesn’t work so well.

After tasting mystery parts from every plate, it was time to reveal the identities of the meat. I was utterly surprised to discover that the fried thing I enjoyed so much was cow penis. The list of people’s guesses were tabulated and checked for accuracy, under the high steaks of a gift certificate to a local beef-serving restaurant. Coming in at ten correct identifications was yours truly, and another beef lover. At the end of the day, I left with a win under my belt and enough leftovers to fill four stomachs.

So, fried cow penis anyone?

Deena Wang—the Tech
**Hip-hop and Yo-yos**

(left) Kaba Modern, a hip-hop dance crew from Irvine, Calif., performs at the 13th Annual Grains of Rice, a celebration of Asian culture hosted by the MIT Asian American Association last Saturday evening in Walker. The group placed third in the first season of America’s Best Dance Crew.

(above) “BU’s Got Talent” winner Brian Shih (BU ’12) demonstrates mastery of the Chinese Yo-yo at the 13th annual Grains of Rice, a celebration of Asian culture hosted by the MIT Asian American Association last Saturday evening in Walker. Other acts included the Harvard Wushu team, singer Joanne Y. Shih ’10, and Kaba Modern, an energetic hip-hop dance group from Irvine, Calif., who placed third in the first season of America’s Best Dance Crew.

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**EVENTS APR. 22 – APR. 25**

**FRIDAY**

(10:00 a.m. – 5:00 p.m.) iFair, sponsored by the International Students Association — Kresge Oval

(12:00 p.m. – 1:00 p.m.) Good Friday service with reading of the Passion, sponsored by the Lutheran Episcopal Ministry — MIT Chapel

(12:00 p.m. – 1:00 p.m.) Emerson Scholar Student Recital: Emily L. Jackson ’11, flute — Killian Hall

(3:00 p.m. – 4:00 p.m.) Good Friday service — MIT Chapel

(3:30 p.m. – 5:00 p.m.) Making MAJOR Decisions: What you need to know about yourself when choosing a major — 4-145

(5:00 p.m. – 6:00 p.m.) Emerson Fellow Student Recital: Adrianna L. Tam ’11, mezzo-soprano — Killian Hall

(7:00 p.m. – 1:00 a.m.) Steer Roast Music Festival — Senior House

(8:30 p.m. – 11:30 p.m.) Dhoom, MIT Sangam’s dance party — W20 Lobdell

**SATURDAY**

(9:00 a.m. – 12:00 p.m.) LIVERight 5K Run/Walk — Memorial Drive (Dorm Row)

(10:00 a.m. – 2:00 p.m.) Course 5 2011 Undergraduate Research Symposium — 56-154 (10:00 a.m. – 12:00 p.m.), 56-114 (12:30 p.m. – 2:00 p.m.)

(2:30 p.m. – 5:00 p.m.) Emerson Scholar String Student Recitals — Killian Hall

(6:00 p.m. – 9:00 p.m.) Inspirasion: Boston Asian Performing Arts Festival — Kresge Auditorium

(8:00 p.m. – 11:00 p.m.) MIT Muses Spring Concert 2011: “Elevator Music” — 6-120

(8:30 p.m. – 9:30 p.m.) Holy Saturday/Easter Vigil Mass — MIT Chapel

(9:30 p.m. – 11:00 p.m.) Easter Party — W11

**SUNDAY**

(4:00 a.m. – 6:00 a.m.) Easter Sunrise Worship Service — E62 Courtyard

(6:30 a.m. – 8:00 a.m.) Easter Breakfast — E62 Dining Hall

(9:30 a.m. – 10:30 a.m.) Easter Mass — W18

**MONDAY**

(6:00 p.m.) Comparative Media Studies 13th Annual Media Spectacle — 32-155

(7:00 p.m. – 8:30 p.m.) Democracy in the Middle East? A talk followed by a Q&A session — 56-154

(7:00 p.m. – 8:30 p.m.) Is Eating Meat Ethical: PETA VP Bruce Friedrich vs. MIT Debate Team — 10-250

Send your campus events to events@tech.mit.edu.
Infrastructure, equity main challenges for India

Shankar said that India's three-pronged approach to infrastructure development "will provide an environment for growth in the Indian economy for several years to come." The electric power industry remains a source of concern. Though the private sector has recently begun investing in power, previous efforts to procure foreign direct investment in the industry were largely unsuccessful, and power shortfalls are not uncommon.

One method of encouraging private infrastructure development is stability gap funding, which uses government subsidies to make profitable ventures that would otherwise be uninviting to private investors. Shankar said that viability gap funding is awarded on a case-by-case basis and covers up to 25 percent of the cost of a project.

Infrastructure limitations also contribute to India's second major challenge: ensuring that all economic players are afforded equal opportunity to actively contribute to the economy. Rural areas are often cut off from the economic development of larger cities, so extra measures must be put in place to ensure the vitality of these communities. Class divisions also impede full economic progress, and the government is searching for a balance between liberalization and equity. All of these objectives must be undertaken democratically, with the goal of satisfying all stakeholders.

One of the government's major goals for economic equity is providing a social safety net in impoverished rural areas. The Indian government has established the National Rural Employment Guarante Scheme, which guarantees 100 days of work each fiscal year sustainable.

Providing adequate, standardized education to such a large nation has also been a challenge. India is currently working on expanding and improving the Indian Institutes of Technology, which consist of fifteen elite technical universities. The government plans to build a "knowledge network" of colleges and libraries to consolidate information. The hope is to one day extend this network of resources to the village level, where primary education can benefit from having proven educational standards. All of these transformations must take place "within the framework of a very robust judiciary," Shankar said. Affirmative action has played a large role in ensuring that all regions of the country are adequately represented. Though India's Constitution formally abolished the caste system over 50 years ago, prejudice and poverty remain significant barriers for a large portion of the population. About one fifth of the seats in Parliament are reserved for those tend to median to reach the village level.

Looking toward the future

The eyes of the world are trained on India as the country continues its economic expansion. Shankar said that since the nation's distinctive view of development is that poor, diverse countries like India can't combine democracy and development, the nation's potential success could have a large impact on the paths other developing nations choose for industrialization. India's current situation is already raising important concerns about how growth in developing countries should progress.

During the question-and-answer session following Shankar's talk, many audience members expressed reservations about the side effects of economic growth. They raised points about human rights abuses, corporate responsibility, and the government's response to the 1984 Bhopal industrial disaster. Shankar agreed that growth by itself was insufficient to build healthy nation. She said India is fighting a "hurricane of poverty" that is a very issue that has been compounded by further poverty — that India's liberalization and subsequent economic downturn have been harmful. Before 1991, Shankar said, the economic pie was not significantly expanding and the individual person was getting smaller. A more market-based system increases opportunities for people at all levels of society and can be very effective if coupled with proper government intervention.

On the topic of corporate responsibility, Shankar said the government was dealing separately with regulations and corporate social responsibility, with an eye to the profits and compensating victims of disasters. India isn't the first country to experience this dilemma: the United States in writing legislation and contracts, and Shankar said her country needs to develop the ability to protect its interests and the interests of its people. She said the legislatures have also improved the situation by taking on an expanded watchdog role.

Another broad concern is the monetary implications of high growth. Shankar said that amidst a food scarcity resulting from the recent harsh monsoon, Shankar said food prices have begun to drop again but they need to fall faster to make food affordable for the poor. The reserve bank has raised interest rates, Shankar explained, to ensure food security in times of high inflation is being considered. Shankar feels high growth is sustainable because of India's high savings rate — around 34 and 36 percent — and because of India's significant under-25 population that can power infrastructure renewal in the coming years.

Overall, Shankar feels the India of today is a rich country, combining aspects of poverty with growth.

This dichotomy places India in a "unique position globally to act as a bridge between different countries in different stages of development." Shankar said that India's liberalization and subsequent economic downturn have become a "backlog of poverty" — a fighting a "backlog of poverty" that is a very issue that has been compounded by further poverty — that India's liberalization and subsequent economic downturn have been harmful. Before 1991, Shankar said, the economic pie was not significantly expanding and the individual person was getting smaller. A more market-based system increases opportunities for people at all levels of society and can be very effective if coupled with proper government intervention.

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On Sunday, April 17, 20 teams participated in Zeta Psi’s “Dine & Dash” event to raise money for the Red Cross Pacific Tsunami Relief. Teams consisted of four runners, each of whom had to run a lap of the outdoor track, eat a cheeseburger from UBurger, and run another lap. The top finish was Phi Sigma with a time of 18 minutes 24 seconds. Zeta Psi raised $2,650 at the event. Fraternities, sororities, and clubs came out in support of the event, some humorously. The MIT Drama Club carried a giraffe as they ran, and members of the Aero-Disastro Course 16.5 Club juggled and unicycled their way around the track.
Coop Student Board of Directors

Election Update

The following student Coop members are candidates for the Board of Directors for the 2011-2012 academic year.

MIT Undergraduate Students:
- Elizabeth Barrett, 2012
- Page Finkelstein, 2014
- Christopher Yoon, 2012

MIT Graduate Students:
- Lorenza Buck, PhD, 2012
- Paul Romano, PhD, 2012

Harvard Undergraduate Students:
- Cody Dean, 2014
- Philip Harding, 2012
- Melissa Oppenheim, 2012
- Caroline Quazzo, 2012
- Jillian Smith, 2014
- Aixin Wang, 2012

Harvard Graduate Students:
- Eugene Anthony, M Div., 2012
- David Carvel, MBA, 2012
- Christina Gamar, MBA, 2012
- Sonia McNeil, JD, 2012

Steve Leeb wins Big Screw; proceeds to go to Pine Tree Inn

Nominee | Charity | Total Raised
---|---|---
Steve Leeb, Professor of EECS | Pine Street Inn | $1,376.81
Craig Carter, Professor of Materials Science | Camp Kesem | $413.11
Taoel Eringer, Professor of Mathematics | American Cancer Society | $221.90
Dean Colombo, Division of Student Life | Loaves and Fishes | $191.43
Michael Yaffe, Professor of Biology | American Red Cross relief efforts in Japan | $64.22
2.006 (John Bresson, Anette E. Hosoi) | MassBike | $61.32
Julie Norman, Director of Undergraduate Advising | Leadership Training Institute | $59.14
David Jerrin, Professor of Mathematics | AmeriCares | $46.71
Susan Lanza, Course 9 administrator | Make-A-Wish Foundation | $36.25
2.005 (Cullen Buie, Jacopo Bauernigo) | American Red Cross relief efforts in Japan | $33.79
Alexander van Oudenaren, Professor of Biology | Save the Children | $32.62
Muriel Medard, EE/RIE Professor | Soldiers’ Angels | $25.80
Kit Cummins, Professor of Chemistry | HomeStart | $19.48
Albert Meyer, Professor of EECS | ACLU Foundation | $16.18
James Robege, Professor of EECS | Make-A-Wish Foundation | $13.80
Alexander Minor, Professor of Mechanical Engineering | Big Sister Association Greater Boston | $9.00
Charles E. Leisenring, Professor of EECS | Museum of Mathematics | $8.00

TOTAL | | $2,629.63

From April 4-8, APO collected over $2,600 in the annual Institute Screw Competition fundraiser. Steven B. Leeb ’87, Professor of Electrical and Mechanical Engineering and a MacVicar Faculty Fellow, took the top spot, raising $1,376. All Big Screw proceeds will be donated to Leeb’s charity of choice — Pine Street Inn, a homeless shelter in Boston. Organizers also raised C$0.07, €0.02, 1000 Korean won, and a copy of a drop form for 18.100B.

Solution to Crossword

DEBRA NIHIL ISM
USUAL OZONE TEA
DANGER MOUSE OLD
SIDEROADS WOLFE
TRY ECARD
WILLYOURMARRYME
RANDY PARDOAR
VCRS SCENT RUNT
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ROBINSONCRUSOE
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ANT LOST INSPACE
RCA ENIDS TILTS
PAL DENSE OCTET
New Course 6-7 joint major bears 50/50 collaboration
May develop with links to graduate programs

Course 6-7, from Page 1

number of requirements from each major, the joint program also gives students two advisers — one from each department. The equal partnership, according to Kaiser, allows both departments to develop the joint program more actively. "If you have a sort of bio-flavored version of Course 6-3, then faculty from Course 7 would not have as strong a motivation in teaching biology," Kaiser said.

In an email to The Tech, W. Eric L. Grimson PhD ’80, who served as EECS department head before becoming chancellor, said the dual advising system is also beneficial for students’ future careers because “students considering either employment or graduate school in either field will have access to someone experienced in that field.” Based on his or her academic focus, each student will get to choose a primary adviser who will have authority to sign registration forms.

The two departments are considering developing a fifth-year MEng program if there is enough student interest. “MEng would be great if students from this program want to directly join the workforce,” said Kaiser. But for students interested in pursuing research or more intense study, Kaiser said the MEng would be "unequivocally, as it would delay their entry into a PhD program."

There already exists a graduate program similar to Course 6-7 called Computational and Systems Biology (CSB). Kaiser said there might be a possibility of linking the 6-7 joint degree with CSB, although a mentorship program would probably be established first. "We are going to have to let the program grow and see what happens," Kaiser added.

Freshmen can choose Course 6-7 from the major form when they declare their majors at the end of the month. Upperclassmen can also change their majors to Course 6-7. In either case, students who decide to major in Course 6-7 can pursue a double degree with EECECS (6-2), computer science (6-3), mathematics with computer science (18C), biology (7 or 7A), or biological engineering (28). They also may not minor in biology or biomedical engineering, although they may switch to a double major in EECS and biology. According to Kaiser, Courses 6-2, 6-3, 18C, 7, 7A, and 20 have significant overlaps with Course 6-7, which is not allowed by the "fundamental interest" in the students’ areas of concentration. This is not the first flexible engineering degree to be offered at MIT. Mechanical engineering’s Course 2A degree in engineering allows students to concentrate in areas such as biomedical engineering, energy conversing engineering, and engineering management. This course was accredited by ABET seven to eight years ago. Similarly, the Department of Aeronautics and Astronautics’ recommended 16-ENG degree in Engineering was approved last spring and launched in September.

Hammond said there is a “large amount of interest across the nation” in flexible engineering degrees. Students in Caltech’s chemical engineering school, for example, can choose between four tracks: biomolecular engineering, environmental engineering, process systems, and materials. According to a 2009 survey by MIT’s School of Engineering, of the 47 Course 10 and 108 seniors who responded, 51 percent said they would have pursued a flexible, accredited engineering major if one had been available.

While it offers more flexibility, Hammond argues that the 10-ENG degree is not for everyone. Students who are interested in a specific area of chemical engineering may appreciate the in-depth approach to the 10-ENG concentrations, but those who aren’t may benefit more from the broader Course 10 degree. "I didn’t develop my interest for polymer science until senior year," Hammond said. "Some students just come in and know."
Date: 24 April, 2011
Time: 7:00-8:30pm
Location: MIT, Room 34-101
Address: 50 Vassar Street, Cambridge, MA

The MIT Armenian Society will commemorate the remembrance day of the Armenian Genocide on April 24th with the showcasing of the PBS documentary “The Armenian Genocide” by Emmy award-winning director Andrew Goldberg. The movie tells the story of the colossal humanitarian tragedy that occurred in the early 20th century. It features interviews with experts such as Pulitzer Prize-winning author Samantha Power and New York Times best-selling author Peter Balakian. The MIT Armenian Society would like to welcome all MIT and non-MIT public to join us on this occasion.

mitas@mit.edu  WWW.MITAS.ORG  (617) 642 6480
Manohar Srikanth— the tech Administrator of the Environmental Protection Agency Lisa P. Jackson delivered the 11th annual Henry W. Kendall Memori- al Lecture. The Kendall Memorial Lecture Series aims to expose the MIT community to issues in global change science.

Solution to Sudoku

from page 6

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This space donated by The Tech

GALA & CELEBRATION
SATURDAY, APRIL 23, 2011
Walker Memorial • 6pm
STUDENTS $3 in advance, $10 at the door
ALUM, FACULTY, STAFF: $15 individuals, $25 for couples
RSVPs http://tinyurl.com/ebonyaffair

“Protecting the Human Right to Water in Palestine”

Susan Koppelman
Water rights advocate
Time: 7:00pm - 9:00pm
April 13th
Location: 2-135

TEDxRamallah

DAM, Suad Amiry, and others
Live streaming from Palestine
Time: 3:00pm - 7:00pm
April 16th
Location: 4-163

“Intergroup conflict examined through psychology”

Emile Bruneau
Post Doc at MIT’s Saxe Lab
Time: 6:00pm - 8:00pm
April 20th
Location: 4-149

“Taking a Stand”

Elinor Amit & Noam Lekach
Human Rights activists
Time: 6:30pm - 8:30pm
April 26th
Location: 4-145

“With God On Our Side”

Film screening, documentary
Theology of Christian Zionism
Time: 7:00pm - 9:00pm
April 28th
Location: 4-237

TAH like our Facebook group! / Visit our website
Students question death of Princeton lecturer

By Lisa W. Federaro

One Friday morning this month, a security guard showed up at the office of Antonio Calvo, a popular Spanish instructor at Princeton University, to escort him from the building. Friends and former colleagues say Calvo was abruptly dismissed from his job, and because he lived in the United States on a temporary visa, he faced a compulsory return to his native Spain.

Four days later, on April 12, he fatally slashed himself in his Manhattan apartment.

Calvo’s suicide has devastated a tight community of scholars and students who so valued his generosity and vivacity that they called him St. Antonio. And on the Princeton campus, private grieving has erupted into public recrimination, with Calvo’s admirers faulting the university for how it handled the episode.

It’s unclear exactly what led to Calvo’s hasty departure from the job. Princeton officials said Thurs- day that he was on leave at the time of his death but declined to provide other details. “To preserve the privacy of our employees, the university does not speak to matters of personnel, which are not public,” a university spokeswom- an, Cass Cillit, said.

Several former colleagues said that Calvo, who as a senior lec- turer did not have tenure, was being evaluated for reappoint- ment in the department of Span- ish and Portuguese languages and cultures, and that a few graduate students and a fellow lecturer had mounted a campaign to block that renewal. As director of the univer- sity’s Spanish language program, Calvo supervised graduate stu- dents, who are required to teach undergraduates; the graduate stu- dents, his friends said, criticized his teaching duties seriously, friends said. Angelina Craig-Florez, a lec- tor in Latin American and Iber- ian cultures at Columbia Univer- sity, said she last spoke with him at a conference in February.

“He was very upset because he was undergoing a review, which was normal but some of the graduate students were not fol- lowing what they had to do, ” she said. “Some didn’t even show up to classes that they were teaching, and it’s his responsibility to make sure that the language program runs smoothly.”

Some of Calvo’s undergraduate students complained this week that Princeton had not been forth- right with them about his depar- ture or death. “They said they were not notified that he had died until three days later, in an email that said simply that Calvo “has passed away,”” James Williams, a sophomore from Pittsburgh who took an advan- ced Spanish class with Calvo, said that on the Friday the instruc- tor was escorted from the building, the students waited for 30 minutes

LEGAL COUNSEL

MET students, faculty, employers and start-ups seeking U.S. legal counsel, campus or office consultation. Call

James Dennis Leary, Esq.
321-544-0012

Making of his dismissal put him in a difficult position. Since he was in the country on a work visa spon- sored by Princeton, he would have to find another job — and sponsor — quickly.

“Antonio had lived in the United States for over 10 years and made a life for himself in this country,” said Marco Aposte- Moreno, a former lecturer in Span- ish at Princeton, who now teaches in England.

“The loss of his job also meant that he would have to leave his life in the U.S. behind.”

Solution to Techdoku

from page 8

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1 4 2 6 5 3
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Eco-friendliness abounds at MIT Earth Day Fair

Above: A student signs up to be an MIT Green Ambassador. The MIT Green Ambassadors Program, supported by the MIT Campus Energy Task Force, seeks to empower a network of individuals across campus to promote sustainable initiatives and practices at MIT.

Left: A bike repair station in front of the Koch Cancer Institute was one of the eco-friendly services provided as part of the Earth Day Fair on Thursday.

Photography by Jaswanth Madhavan.

HOLI
presented by the MIT Hindu Students Council!

Saturday, April 23
Kresge Lawn
1:00 - 4:00 PM

Funded by LEF/Arcade and UA Finboard
ATHLETE OF THE WEEK: SCOTT T. LANDERS '13

Duathlons, dynamics, and development

A year after entering his first triathlon, Landers prepares for World Championships

By Carlos Greaves

Meet Scott T. Landers '13. When Scott isn’t busy tooling away at psets like the rest of us, he trains for — and competes in — duathlons and triathlons. In fact, Scott will be competing in both the Short Course and Long Course World Duathlon Championships this fall. But first, a short background.

Scott grew up on a family farm outside of Paris, Texas. His love of the outdoors and an early fascination with water — a premium commodity on a Texas farm — led him to an interest in fluid dynamics. With that interest in mind, he came to MIT intending to pursue a degree in Course 8 and/or Course 18. However, he quickly realized that these courses were not hands-on enough for him, and he switched to Course 1E. Growing up on a farm required devising elegant solutions that had to be implemented with limited resources. Switching to Course 1E gave him more opportunities to apply such methodology. Scott hopes to expand on this experience, using his knowledge gained at MIT to come up with simple solutions to problems in agriculture and water conservation in the developing world.

After graduating, Scott is considering serving abroad in the Peace Corps before possibly returning for graduate school. Scott sums up his interests as, simply, “I want to get my hands dirty and change the world.”

Although Scott competed in cross-country and ran track and field in high school, he did not participate in his first triathlon (a race consisting of a swim, a bicycle race, and a run) until spring of his freshman year at MIT. He was not a strong swimmer at the time and did not own a road bicycle, but a friend let Scott borrow his bike if he promised to try out for another triathlon later in the year. Although Scott’s first triathlon went terribly, he continued training and eventually became interested in duathlons, which feature an additional run in place of the first swimming leg. He eventually competed in the 2010 Long Course (10-kilometer run, 60-km bike, 10-km run) Duathlon National Championship, placed second in his age group, and automatically qualified him to compete in the Long Course Duathlon World Championship this fall.

In addition to his studies at MIT and training with both the MIT Triathlon Club and MIT Cycling Club, Scott is a member of the Sigma Alpha Epsilon fraternity, where he serves as the community service chair. He is also a member of the MIT Steel Bridge Team, which hopes to make it to Nationals for another consecutive year.

When asked for advice about preparing for duathlons and triathlons, Scott recommended a simple recovery drink of milk and sugar for training sessions. If you meet him, be sure to cheer him on, especially in the fall before he leaves for the Short Course and Long Course Duathlon World Championships.

SUSAN HOCKFIELD not quite fast enough …

By Biyeun M. Buczyk

Susan Hockfield in Sunday morning’s race against Stanford. The Engineers lost to Stanford in both the first and second varsity eights. A day earlier, MIT defeated Buffalo, crossing the line at 7:12.96 to Buffalo’s 7:19.77.

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Baseball scores five in ninth, upsets Babson 6-5

By Zach Hynes
SPORTS STAFF

Trailing 5-1, Engineers rally against Babson ace to advance in NEWMAC tournament

When he stepped onto the mound to face the Engineers in the top of the ninth inning, freshman phenom Michael Bortolotti of Babson College had given up just one earned run in 39 innings. The Engineers’ offense, dormant for eight innings against Babson starter Andrew Aizenstadt, exploded against the best pitcher in Division III baseball at just the right moment.

Having managed just five baserunners against Aizenstadt, the Engineers came into the ninth inning with the intention of “moving the line and getting to the next guy,” according to Brian P. Doyle ’11. They erased the five-run deficit in characteristic fashion. Six of the first seven batters reached base in the inning on four singles, one hit batter, and a fielding error; the only out in that span came on a sacrifice fly by pinch hitter Grant T. Iwamoto ’13. The game was tied 5-5 when Doyle came to the plate with Byne B. Barry ’11 standing at first base and Zachary J. Carr ’12 at third, representing the potential winning run.

Coach Andy Barlow noted that last year’s squad was plagued by an inability to bunt in crucial games; this year’s team has seen those same difficulties resurface throughout the season. Nevertheless, Barlow instructed Doyle to attempt a suicide squeeze against Bortolotti with one out in the inning. Doyle noted that while other tactical choices might have worked, “once I got the call, I trusted it.” After Barry stole second, Doyle laid the bunt down successfully to score Carr. As Carr reflected on the play afterwards, he noted that Doyle placed the bunt “perfectly in a spot where no one could get it.” The Engineers entered the bottom of the ninth with an improbable one-run lead.

Barlow turned to his top starter, Aric J. Dama ’13, to close out the game. Christopher L. Vaughan ’12 had thrown two scoreless frames in the seventh and eighth innings, allowing one baserunner and striking out four Babson batters. Dama’s ostensible counterpart on the Babson squad, the young ace Bortolotti, had just given up five runs in attempting to close out the game. Still, Barlow entrusted Dama with the task of closing out the Engineers’ comeback. Dama turned in the same type of dominant performance the Engineers have come to expect, inducing a ground out before racking up the final two Babson batters on strikeouts.

Barlow pulled all the right moves in the ninth inning for the Engineers, and the team executed when it counted most. Doyle emphasized the need for the Engineers to “stay within themselves” in order to be successful as they head into a matchup on Friday against top-seeded Wheaton College. The Engineers swept Wheaton over spring break in Florida, but they have not matched up again since; Wheaton is currently ranked 21st nationally. A victory against Wheaton would position the Engineers one win away from a trip to the New England regionals.