KOICHIRO Mizoguchi and JUNICHI Murakami of Japan demonstrate one application of their research: spraying a plate of sushi with aerosolized wasabi at this year’s Ig Nobel Prize Ceremony in Harvard’s Sanders Theatre last night. Mizoguchi and Murakami were awarded the Ig Nobel in chemistry for “determining the ideal density of air—borne wasabi (pungent horseradish) to awaken sleeping people in case of a fire or other emergency, and for applying knowledge to invent the wasabi alarm.”

Whitehead professor Rudolf Jaenisch wins National Medal of Science

Professor Rudolf Jaenisch, a founding member of the Whitehead Institute, has been named as one of seven recipients of the 2011 National Medal of Science award. The National Medal of Science is the highest honor in the fields of science and engineering in the United States. Barack Obama named Professor Jaenisch this past Tuesday for his work on the epigenetic regulation of gene expression.

Epigenetic regulation refers to the biological processes that affect how genetic information is translated into cell structures without changing the genes themselves. This work has furthered understanding of embryonic and induced pluripotent stem (IPS) cells. IPS cells appear identical to embryonic stem cells, but they are created from adult cells so that they are not necessary. The White House notified Jaenisch of his selection last week via email; he said he was “shocked and honored” when he heard, according to the MIT News Office.

However, Jaenisch refused to take all the praise for the medal, crediting his entire lab with the award. “I’m very grateful,” he said to the News Office, “but I’m really only partly deserving of this. Any success I’ve had scientifically is due in large part to all the imaginative, hardworking people in my lab. I can’t help but feel this type of credit should be distributed more broadly. I feel it’s a team honor.”

Jaenisch, who teaches 7.31 (Current topics in Mammalian Biology) and 7.42 (Topics of Mammalian Development and Genetics) has several notable achievements, including the creation of the first transgenic mouse and the first experiment which showed that therapeutic cloning could be used to correct genetic defects in mice.

A ceremony will be held at the White House this November for the professor and the other winners to receive their awards. More information about Professor Jaenisch can be found on his faculty website at http://wl.mit.edu/research/faculty/jaenisch.html.

—Jessica J. Pourian

For MIT150, Idea Bank reopens

Invitation to reflect on MIT150 and offer new suggestions

By Adisa Kruayadiee

The Idea Bank, an online forum for community members to give MIT comments and suggestions, is open again — this time to discuss the MIT150 festivities and collect ideas for future MIT150-inspired events. The Idea Bank is intended to foster ideas in a setting where students, faculty, staff, and alumni all have input.

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As of last night, 20 discussion topics had been posted by users. Each user’s post starts a thread in which visitors can comment. MIT’s open house and the Festival of Art, Science, and Technology (FAST) are two of the events that users have indicated they would like to perpetuate, Kolenbrander said.

Idea Bank, Page 7

Sigh-cology and wasabi at Ig Nobels

When you gotta go, you gotta go!

By Jannelle Mansfield

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Chemistry was the theme of this year’s ceremony, and in that spirit each winner received a model table inscribed with the elemental symbols on the surface — a literal table of the elements.

The Ig Nobels honor strange scientific achievements, like a study conducted by Japanese scientists investigating the ideal concentration of airborne wasabi to be used as an alarm to awaken sleeping people in case of an emergency. The team won the chemistry Ig Nobel prize for discovering that the most effective wasabi concentration was between 5 and 50 ppm. They plan to expand their technology to be used as a shoe-odor eliminator and sushi topping in the future.

Two teams from Europe and the United States/Australia were both presented with the medicine Ig Nobel prize for their investigations into the need to urinate. The European study found that people with a strong urge to urinate were better

Ig Nobels, Page 10

Weather, p. 2

Friday, September 30, 2011

Scattered showers, 60°

Friday, September 30, 2011

Free flights are available today from 10 a.m. to 4 p.m. on the third floor of the Student Center. Bring your MIT ID or insurance card.

The State of the Institute forum is on Monday, Oct. 3 at 11 a.m. in Kresge Auditorium. You can submit a question in advance at http://wi.mit.edu/studentcenter/events/events/questions2011.html.

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

IN SHORT

Whitehead professor Rudolf Jaenisch wins National Medal of Science

Professor Laurence R. Young ScD ’62, from MIT’s Department of Aeronautics and Astronautics, learns about some of the features in the Lockheed Martin Joint Strike Fighter simulator — brought to MIT with help from the Flying Club — in the Z-Center this past Tuesday. This F-35 simulation contains five screens displaying different outputs that the pilot would see in the actual plane.

SECTIONS

THOUGHTS ON HOUSE DINING? Student Life wants to know!

 прогресс в саудовской аравии? 

by donald j. trump

Ig Nobels, Page 10

MIT’s Oldest and Largest Newspaper

Established 1861

tech.mit.edu

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After online campaign, Chinese leaders sour on autumn festival.

In eastern China said they were doing away with a 600-year-old local custom: the slaughter of thousands of dogs to be eaten at an annual festival. This year, however, they plan to work closely with the United States, Europe and India to plan the country's future.

By roman Kowch

STAFF Meteorologist

This weekend setup will be courtesy of Hurricane Ophelia, the 4th hurricane in the Atlantic this year. Ophelia will head northward and block the neighboring subtropical high, keeping the rain and clouds over New England through Monday. After that, the cold front will bring the skies and temperatures will be cool but comfortable.

Extended Forecast

Situation for noon Eastern time, Friday, September 30, 2011
Some common ground found for legal adversities on health care law

By Adam Liptak

WASHINGTON — The 2010 health care overhaul law has provoked an unprecedented clash between the federal government and 26 states, dividing them on fundamental questions about the structure of the federal system. But the two sides share a surprising amount of common ground, too, starting with their agreement in basic principle that the Supreme Court should resolve the clash in its current term.

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LETTERS TO THE EDITOR

Healthy, convenient selections offered at Shaw’s

I am the manager at the Star Market located on 22 Sidney Street in Cambridge, and I read every issue of The Tech. After reading the article “Wandering the Asiles” from the previous issue (Sept. 27), I realized that as we at Shaw’s take for granted that all students have access to the proper dining facilities and information that we provide to our customers. Students are a very important part of our business at my location and we are always looking to make their lives easier. We have a smarter eating program, NutritionIQ, that is aimed to the proper nutrition sign or danger that identify the healthy benefits of that item. Feel free to check it out on our website, www.shaws.com/nutritionIQ, or download the nutrition IQ app on our website, www.shaws.com and easy recipes that range from all food groups. We recently expanded our Wild Greens section for those who want more fresh organic and gluten-free items. This area is located in the front of the store department and has green shelves to differentiate these items in the store. We provide a free bus shuttle to the store on Sundays from 12:30 to 4:30 p.m. that makes stops throughout the campus. This year we just started to offer a five percent discount for all MIT students when they show their student ID. My evening manager, Jason Hassett, is very knowledgeable and he works most evenings, 4 p.m to 12 p.m. Please feel free to contact him with any questions or shopping assistance. If there is anything you would like us to improve on to make your shopping experience more enjoyable, please feel free to contact me directly at the store or through Facebook to speak to me in person on your next visit.

By Henry J. Humphreys

The Tech's telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure whom to contact, send mail to editor in chief by e-mailing editorinchief@tech.mit.edu. Please send press releases, requests for coverage, and information about events to reach us by e-mail or phone. Letters and editorials for the editor, columns, and editorial cartoons are warranted individuals and representatives of The Tech, and not necessarily that of the newspaper. Electronic submissions are encouraged, but should be in PDF format. Hard copy submissions should be addressed to The Tech, P.O. Box 970528, Cambridge, Mass. 02293-7028, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication. Letters, columns, and cartoons must bear the author's name, signature, addresses, and phone numbers. Unsigned letters will not be accepted. 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 in any other publications without notice. The Tech becomes known. The Tech makes no commitment to publish all the letters received.

GUEST COLUMN

A great dining program is a community effort

By John A. Hawkinson '98, Sarah Ritter '03, Akshay R. Patil '04, Tiffany Dohzen '06, Nathan Collins SM '03, Keith J. Winstein '06, Biyeun M. Buczyk '10, William Yee '10, Mena '13; Associate Editor: Joanna Kao '13; Contributing Editors: R. Rudolph '13, Alex Chernyakhovsky '14.

Summary

On Sunday, King Abdullah of Saudi Arabia announced the enfranchisement of women to run for local office, and serve on the Shura Council — the king’s advisory group. This is the first step towards positive reform of the Saudi government.

The king has begun a three-year period of change. In this time frame, he is hopeful to improve the role of women in Saudi Arabia.

King Abdullah has taken numerous steps towards positive reform. In his recent speech, he stated that women are being given the opportunity to serve as judges in Riyadh.

The king has also taken steps towards positive reform in education. He has stated that women will be able to choose their own schools and educational level.

Saudi Arabia, Page 5

By By Andy Liang

OPINION COLUMN

Critical thinking for Saudi Arabia

By By Andy Liang

OPINION POLICY

By By Andy Liang

OPINION POLICY

Editorials are the official opinion of The Tech. They are written by members of The Editor Board, which consists of editors and opinion editors. Editorials are written by Joe Maurer, Editor in Chief Ethan A. Solomon, Managing Editor Connor Kirschbaum, Executive Editor Anais Schalk, and Opinion Editor Nina Kristin Mattsson. They are unsigned, and represent the views of the Board.

Due to the specialty stations were delayed during the first weeks. I am happy to report that all but two stations are now up and running. The cr...
The true push for women's education came from King Faisal's wife, Filip Al-Humaym. After a 1956 advance in education for girls, many religious scholars felt that educating women helps make them good mothers, and that the Quran has never called for the barring of women from education, so he concluded that "God enjoins learning on every Muslim man and woman.

But with the Saudi Arabian people backing the religious scholars, educating women remained widely unpopular and unexplored. By 1981, the number of girls enrolled in schools grew to equal the number of boys. Yet the purpose of the girls' education, so he concluded that "God enjoins learning on every Muslim man and woman."
The following incidents were reported by the Campus Police between August 31, 2011 and September 18, 2011. The dates below reflect the dates the incidents occurred. This free event is organized by the MIT Press Bookstore.

May 03 Bldg. 35 (127 Massachusetts Ave.) 1:00 a.m., Free skateboards stolen, report taken.

Aug. 31 Bldg. E52 (50 Memorial Dr.) 3:43 a.m., Unauthorized in 13 bike rack area. Report taken.

The 2011 Annals are organized by the public lectures, in which the lecturers, in their words, describe, they did, and why they did it. Special appearances by previous winners too!

What are YOU doing during IAP?

Work with MIT alumni through the Externship Program!

Opportunities available NOW!

http://alum.mit.edu/students/externships

DEADLINE: Wednesday, October 12, Noon

A program of the MIT Alumni Association

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APPLY ONLINE:

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convenient Cambridge location

The 2011 Ig Nobel Informal Lectures

Saturday, Oct. 1st

1:00 pm, 26-100

A half-afternoon of informative, high-spirited, and inevitably humorous public lectures, in which the 2011 Ig Nobel Prize winners will attempt to explain what they did, and why they did it. Special appearances by previous winners too! Please join us.

For more information on the 2011 Ig Nobel Prize Ceremony, visit: www.improbable.com

and for the Ig Informal Lectures: web.mit.edu/bookstore/www

All Ig Nobel Prize activities are organized by the Annals of Improbable Research.

This free event is organized in cooperation with the MIT Press Bookstore.

Be a PENguin

write for us

e-mail join@tech.mit.edu
Idea Bank serves as a forum for community input

Idea Bank, from Page 1

intended to make viewers consider the relationship between science, technology, and art. Events such as FAST LIGHT — when the Harvard Bridge and Charles River were colorfully lit up — drew crowds from MIT and Boston.

FAST should happen again for the campus and city enrichment value, wrote Martha E. Siminovich, special assistant to the president, in the Idea Bank.

"Let's have FAST become a regular, recurring feature of our community life, and let's think about ways to use it to make the world more delightful beyond just a single evening," she said.

Catherine A. Olsson '12 agreed that MIT150 provided a valuable intellectual addition to the campus in the form of the MIT150 Symposium series.

"As an undergraduate, the experience of being able to attend the Brains, Minds, and Machines symposium to listen to leaders in the field speak, right on the MIT campus, at no cost, was immensely valuable," she said on the Idea Bank website.

Olsson added that the more routine symposia the Institute usually holds should be better advertised to undergraduates.

Enthusiasm for the April open house was also high. Attendees of the Institute's one-day open house — the first in 30 years — seemed to appreciate the hands-on activities and talks.

"Let's have an open house every few years," wrote Joseph F. Gilian, assistant director of the Systems Engineering Group, "I worked on the preparation and execution of the event and observed first hand the collaboration between departments for the single purpose of making the open house a success — incredible!"

The opportunity for a great impact on the community is also present, said Jonathan A. Battratt G, "Our physical campus — labs, people, etc. — is one of the most ideal tools possible to engage the public and especially young people.

The first Idea Bank was initiated in 2009 following the global economic crisis of late 2008. At the time, MIT was seeking community input on cost-saving strategies without compromising the Institute's core values. The ideas from that Bank were all presented to one of the Institute's newly formed task forces in charge of reviewing revenue, Kolenbrander said.

Since then, Idea Bank opened once again in April 2010 for discussion of a new house dining meal plan.

Since the majority of comments are linked to MIT user accounts, the Idea Bank coordinators can reach out to the writer directly should they choose to pursue an idea, Kolenbrander said.

However, it is unclear how many ideas conceived in prior Idea Banks have come to fruition.

As for future Idea Banks, the focus is on appropriate applications of the ideas, Kolenbrander said. The only criterion is that the Bank concern something of broad interest to the community.

The 2016 anniversary of MIT's centenary move to Cambridge is the Institute's next big milestone, but Kolenbrander believes that more can be gained from the Idea Bank than celebration plans.

"Going forward, we hope to take with us whatever lessons we learned as community. That can be in terms of big events, but also how we share our story and communicate our history," he said. "MIT150 was such a rich experience, there's value in taking time to reflect.

Kolenbrander hopes to keep the MIT150 Bank running for at least a month or two to create more discussion. The Idea Bank can be accessed at http://ideabank.mit.edu.

Solution to Sudoku

from page 14

Solution to Bonus

from page 15

MIT150 Idea Bank posters have suggested that MIT should hold open houses more often. In this April file photo, a team from the Research Laboratory of Electronics help open houses guests build a simple DC motor in the Stata Center.

FAST LIGHT lit up the Charles River last May in the culmination of a semester of art installations around campus, as seen in this file photo. Idea Bank commenters have asked for the spirit of FAST installations to continue.

Resolving the contemporary French political scene.

readings, lectures and on-site visits, they will also explore the historical roots of issues on the contemporary French political scene.

Starting with the upcoming French presidential elections, students will examine the relationship between French institutions and particularities. Through readings, lectures and on-site visits, they will also explore the historical roots of issues on the contemporary French political scene.

Application Information

The official launch was on October 1, 2011, and applications will be accepted through December 1. For more information, please visit the MIT Program in International Development's January Scholars in France website at http://ideabank.mit.edu.

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"Let's have an open house every few years," wrote Joseph F. Gilian, assistant director of the Systems Engineering Group, "I worked on the preparation and execution of the event and observed first hand the collaboration between departments for the single purpose of making the open house a success — incredible!"

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The first Idea Bank was initiated in 2009 following the global economic crisis of late 2008. At the time, MIT was seeking community input on cost-saving strategies without compromising the Institute's core values. The ideas from that Bank were all presented to one of the Institute's newly formed task forces in charge of reviewing revenue, Kolenbrander said.

Since then, Idea Bank opened once again in April 2010 for discussion of a new house dining meal plan.

Since the majority of comments are linked to MIT user accounts, the Idea Bank coordinators can reach out to the writer directly should they choose to pursue an idea, Kolenbrander said.

However, it is unclear how many ideas conceived in prior Idea Banks have come to fruition.

As for future Idea Banks, the focus is on appropriate applications of the ideas, Kolenbrander said. The only criterion is that the Bank concern something of broad interest to the community.

The 2016 anniversary of MIT's centenary move to Cambridge is the Institute's next big milestone, but Kolenbrander believes that more can be gained from the Idea Bank than celebration plans.

"Going forward, we hope to take with us whatever lessons we learned as community. That can be in terms of big events, but also how we share our story and communicate our history," he said. "MIT150 was such a rich experience, there's value in taking time to reflect.

Kolenbrander hopes to keep the MIT150 Bank running for at least a month or two to create more discussion. The Idea Bank can be accessed at http://ideabank.mit.edu.
Unlimited calling. Unlimited texting. Unlimited happy.

Unlimited calling to ANY U.S. mobile – now included in AT&T’s unlimited texting plan.

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with 3-year wireless svc agreement on voice and minimum $15/mo data plan required
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Purchase of Unlimited Messaging plan required. Available with select plans. International long distance calls and international roaming calls not included. CIDD to directory assistance, voicemail, pay-per-use, call routing, and bundling numbers not included. Other restrictions and conditions apply. See store for details. Price subject to availability. Limited-time offer. Subject to AT&T terms and conditions. Offers vary. See store for details. Prices subject to change without notice. Other restrictions and conditions apply. Purchase of Unlimited Calls plan required. Call-in activation fee $36/line. Coverage & services not available everywhere. Terms subject to change. Other restrictions may apply. See store for details. Limited-time offer. Early Termination Fee (ETF): None if cancelled during first 30 days, but a $35 restocking fee may apply after 30 days. Taxes & other charges apply. Visit att.com/wireless/mit for details. All data, including overages, must be used in the billing period in which it is provided or be forfeited. For more details on data plans, go to att.com/dataplans. Taxes calculated based on price of unactivated equipment. Microsoft Windows® Phone and the Windows logo are trademarks of the Microsoft group of companies. Screen images simulated. ©2011 AT&T Intellectual Property. Service provided by AT&T Mobility. All rights reserved. AT&T and the AT&T logo are trademarks of AT&T Intellectual Property. All other marks contained herein are the property of their respective owners.
From wasabi alarms to the link between urination and the brain to armored tanks, this year’s Ig Nobel Prizes gathered some of the funniest yet thought-provoking science on the planet to Harvard’s Sanders Theater last night. Between the award presentations, the audience was serenaded with chemistry opera and welcomed to throw paper airplanes at the stage. The Tech captured some of the evening’s finest — and funniest — moments.

1. Marc Abrahams, the director and producer of the Ig Nobels, introduces Miss Sweetie Poo Liraz Brand. Miss Sweetie Poo is responsible for keeping the ceremonies running on time. If a guest’s speech goes over time, she walks to the podium and repeats, “Please stop, I’m bored,” until the guest stops talking.

2. Dan Meyer, the 2007 Ig Nobel Prize winner in Medicine, returns to Thursday’s ceremonies to perform a sword-swallowing encore.

3. Daniel Rosenberg performs a chemistry experiment during an Ig Nobel Moment of Science. The theme for this year’s Ig Nobel Ceremony was chemistry.

4. Daniel Rosenberg executes another experiment involving oscillating metronomes on top of soda cans.

5. A human target stands on stage as people throw paper airplanes across Sanders Theatre, a long-time tradition of the Ig Nobels.
Students studied the possible reasons people procrastinate by doing tasks that are still somehow important. "Doing these tasks becomes a way of not doing the things higher up on the list... the procrastinator becomes a useful citizen," the study reads. Since the professor himself was in Germany last night, Perry's assistant accepted the prize for him.

Arturas Zuokas, the mayor of Vilnius, Lithuania, won the Ig Nobel Peace Prize for his discovery that "the problem of illegally parked luxury cars can be solved by running them over with an armored tank." To laughter and cheering, Zuokas said that his work was intended as an exercise for his students, and, since their work dealt in a previously uninvestigated field, they had to "invent [their] own sigh-cology" as a part of the process.

Maria Ferrante serenades Nobel Laureates Dudley Herschbach (Chemistry 1986) (left) and Peter A. Diamond PhD '63 (Economics 1990) (right) with the joys of caffeine and its importance in coffee during Chemist in a Coffee Shop, this year's Ig Nobel mini-opera. The ceremony this year included serious and touching ceremonies. Lipscomb, a Harvard chemistry professor and 1976 Nobel Laureate in Chemistry, participated in the Ig Nobels for many years before he passed away this spring. The video showed scenes of him acting in skin, performing with his clarinet, and tying his signature bow tie. The tribute to Lipscomb was both touching and hilarious while still revealing his jovial personality, and the tribute fit seamlessly into the rest of the show.

The Ig Nobels this year provided a source of laughter, but also food for thought. Marc Abrahams, editor of the Annals of Improbable Research and master of ceremonies, summed it up when he said the awards show "makes people laugh, and then think."

Those interested in learning more about the research behind the Ig Nobel Prizes can attend the free informal lectures by the Ig Nobel prize winners, which will be held tomorrow at 1 p.m. in 26-100.
Northeastern alum arrested for terrorist plot

Planned to fly remote control aircraft full of C4 into Pentagon and US Capitol

By Milton J. Valencia

ASHLAND — An Ashland man who holds a physics degree from Northeastern University was charged Wednesday with an Al Qaeda-inspired plot to send a remote-controlled aircraft carrying explosives into the Pentagon and the US Capitol “to kill as many people as possible,” according to a complaint filed in federal court.

Renew Ferdaus, 26, a U.S. citizen whose only known previous crime was vandalism, told FBI agents working undercover as Al Qaeda recruiters that he was interested in “change the world,” according to the complaint.

“I just can’t stop, there is no other choice for me,” he told the agents, according to an affidavit written by FBI Special Agent Gary S. Garace.

“This is what we have to do. This is the righteous way … to terrorize enemies of Allah,” he said, calling for the deaths of any kafirs — the Arabic term for nonbeliever.

Federal officials said that at no point did Ferdaus have control of explosive materials, such as C4, or guns, and that he was closely monitored by the FBI during his alleged plotting in the past year. But they also say that he was repeatedly questioned about his plans and that he was committed to carrying them out.

“Our top priority is to protect our nation from terrorism and national security threats,” U.S. Attorney Carmen M. Ortiz said in a statement.

The affidavit alleged that Ferdaus lived with his parents, who live across the street. He allegedly provided them with computer thumb drives detailing the types of planes he would use — more than 5 feet long, with a wing span of more than 4 feet and able to carry about 10 to 12 pounds each. He preferred the F-4 Phantom and the F-86 Sabre, small-scale versions of U.S. military fighter jets, and would launch them from Easton Potomac Park.

“This is inestimable,” according to the affidavit.

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“Jihad is the solution, “ according to the affidavit.

“This is realistic. … I can make exactly what I wanted,” Ferdaus said.

Ferdaus obtained the first plane from August. He then had the undercover agents deliver the explosive materials and guns Wednesday to a storage facility in Framingham that he had rented to plan his attacks. Once he took possession of the materials, he was arrested.

Ferdaus was placed on probation late this year, according to local reports. He was later charged with the University in 2008 with a Bachelor of Science degree in Physics, the university confirmed.

According to the affidavit, Ferdaus told the undercover FBI agents that he started thinking about violent jihad against the United States after seeing videos and reading materials promoted by Al Qaeda. It was then that he realized “how evil America is and that jihad is the solution,” according to the affidavit.

“At a result, he decided to, in his own words, ‘terrorize’ the United States by attacking Washington D.C.,” the affidavit said.

Ferdaus first started talking of his plans earlier this year to a witness who was working with the FBI. The witness has his own criminal record and was working as an informant.

But the witness later introduced Ferdaus to two undercover FBI agents, and Ferdaus went on to tell them of his plans, according to court records.

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By Angelique Nehmzow

This morning I rollerbladed to Harvard to get some breakfast from Darwin’s. Paying the cashier, I noticed a little pamphlet entitled One City One Story: “The Whore’s Child.” My curiosity piqued, I picked it up and began reading it as I waited for my sandwich. I found myself drawn in instantly, and I had thoroughly devoured it by the time I had similarly finished off my sandwich.

The tale is narrated by the teacher of a fiction writing class, who finds himself with an idiosyncratic Belgian nun as one of his students. Sister Ursula is neither enrolled in the class, nor does she write fiction, but she is undeterred by his proclamation that, “We’re all liars here. The whole purpose of our enterprise is to become skilled in making things up, of substituting our own truth for the truth. In this class we actually prefer a well-told lie.” She remains in the class and tells the sad story of her life through each of her writing assignments.

As the title suggests, Ursula is the child of a prostitute. She’s left at a convent school and suffers an unhappy childhood, bullied by nuns and fellow children. She dreams of being rescued by her father and of escaping, but after her mother dies she finally becomes a nun.

‘We’re all liars here. The whole purpose of our enterprise is to become skilled in making things up.’

The short story is written by Pulitzer Prize winner Richard Russo and is stylistically interesting, since as each “chapter” of Sister Ursula’s story unfolds, the teacher and his class comment on and analyze it. This sometimes means the questions raised suggest new lines of thinking to the reader and guide his interpretation. It creates a meta-story and gives an outside perspective to the nun’s story; this plays a significant role in the ending, which has a satisfying and not-too-predictable twist.

The pamphlet itself is the second annual installment of One City One Story, a Boston Book Festival project that aims to provide a shared reading experience to the inhabitants of Boston and raise awareness of the pleasures of reading (their website provides audio files, downloads, and translations of the short story). Thirty thousand copies of the pamphlet have been published and distributed. The Boston Book Festival also includes a writing contest and an event on Oct. 15 where you can meet the author and discuss the story with others.

I was pleasantly surprised to hear of this project, and hope to see more of these pamphlets around town. “The Whore’s Child” is a highly enjoyable read — so it seems only fitting for me to recommend it and embrace the project’s motto of “Read. Think. Share.”

For more information about One City One Story and the Boston Book Festival, visit http://www.bostonbookfest.org/.
**Crossword Puzzle**

Solution, page 6

**ACROSS**  
1 Gifts to the needy  
5 Forage crop  
9 Major hit  
14 Quantum event?  
16 Home of the Rays  
17 Vijay Singh’s homeland  
18 Warmer  
19 Along a rotation line  
20 Aviation pioneer  
23 PC inserts  
25 Impressive!  
26 Switch positions  
27 Pot cover  
28 Not orig.  
31 Alt. spelling  
33 Aware of  
35 Dramatic exit direction  
40 Appellations  
42 Outer: pref.  
43 Pitch woo  
44 Do uncredited work  
47 Choir voice  
48 Mai _ _ cocktail  
49 O’Neal of basketball  
51 N.Y.P.D. rank  
52 Chapel Hill sch.  
55 Sports division, est. 1969  
57 Filled strip  
59 Bar mitzvah, e.g.  
61 Castle that danced  
64 1201  
65 Out of round  
66 Stop order, asea  
68 Stop order, asea  
69 Custard dessert  
70 McIntire sitcom  
71 Frequency unit  
72 Yin’s partner  
73 Sketched  

**DOWN**  
1 TV alien  
2 Floral loop  
3 Head steward  
4 Richard’s Agnew  
5 Riffs  
6 Fiery germ  
7 Kent’s sister  
8 Out of kilter  
9 George Lucas blockbuster  
10 Fulllength skirt  
11 Pamplona pal  
12 Hall-of-fame pitcher  
13 Terminates  
14 Sch. in Lexington  
15 Interlaced  
16 Home of the Rays  
17 Vijay Singh’s homeland  
18 Warmer  
19 Along a rotation line  
20 Aviation pioneer  
21 Sch. in Lexington  
22 Wakefield’s co-host  
23 Stick  
24 Singer Shore  
25 Impressive!  
26 Switch positions  
27 Pot cover  
28 Not orig.  
29 Roman way  
30 Station lineup  
31 Alt. spelling  
32 Wakefield’s co-host  
33 Aware of  
34 Cardinal’s home  
35 Dramatic exit direction  
36 Early invader of Rome  
37 Cause of a rush  
38 Monopoly buy  
39 Govt. security  
41 “The Girl from Ipanema” guy  
42 Outer: pref.  
43 Pitch woo  
44 Do uncredited work  
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61 Castle that danced  
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65 Out of round  
66 Stop order, asea  
68 Stop order, asea  
69 Custard dessert  
70 McIntire sitcom  
71 Frequency unit  
72 Yin’s partner  
73 Sketched  

54 Unobstructed  
56 Cozy  
58 Old Calif. training base  
60 MIT word  
61 Col. Bruns  
62 Use an MRI  
63 Use an MRI  
64 Hotspot service  
65 Loop or stud  
67 Perry Mason’s field
**Sudoku**
Solution, page 7

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<td>7</td>
</tr>
<tr>
<td>8</td>
<td>7</td>
<td></td>
<td>1</td>
</tr>
</tbody>
</table>

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

**Techdoku**
Solution, page 6

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<th>22+</th>
<th>18×</th>
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<tbody>
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<td>2</td>
<td>3</td>
</tr>
<tr>
<td>96×</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>90×</td>
<td>6+</td>
<td></td>
</tr>
<tr>
<td>16+</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8+</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

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.

Technically It’s Gung Fou

by Jerry Holkins and Mike Krahulik

by Jorge Cham

Piled Higher and Deeper
by Jorge Cham

The Penny Arcade
by Jerry Holkins and Mike Krahulik

Technically It’s Gung Fou
Friday, September 30, 2011

[Image: xkcd - A webcomic of romance, sarcasm, math, and language by Randall Munroe]

**Bonus Crossword Puzzle**

**Solution, page 7**

**ACROSS**

1. __ firma
6. Latin I lesson word
10. Stedaddle
14. Projecting bay window
15. Infrequent
16. Leave at the altar
17. Start of a quip
18. Earthworms crick
19. Erhard’s program
21. __-noire (bugbear)
22. Entryway
24. Part 2 of quip
26. St. Francis’ place
29. Way back when
33. Pouchlike structures
34. Antiseptic pioneer
35. Drinking cup
36. Cover stories
37. Narrow mountain ridge
38. 10 North Sea inlets
40. Happy song
41. Singer Fitzgerald
42. List enifer
43. The Evil One
44. Arab garments
45. English title
46. Finishes
47. Product
48. Meat stock jelly
49. Place
50. With all one’s might
51. Jury’s determination
52. Baddies
53. Author Calvino
54. Old Chinese kingdom
55. Tea treat
56. Old Chinese kingdom
57. Exploitive fellow
59. Water vessel
60. Church section
61. Soaked in anil
62. Church section
63. After the style of

**DOWN**

1. Shark type
2. Messes up
3. Mob action
4. Ooze
5. Cover stories
6. Narrow mountain ridge
7. "Olympia" painter
8. Circle part
9. Amount of oozing
10. North Sea inlets
11. Happy song
12. Singer Fitzgerald
13. List enifer
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23. After the style of

**[645] RPS**

Reverse Polish Sausage

**[957] Development**

Fear turned to confusion today as hurricane Rina developed to Category 5, with sustained winds of 160 mph. Funding was quickly restored to the NHC and the APA was taken back off hurricane forecast duty.

**[956] Sharing**

In the new edition of The Giving Tree, the tree uses social tools to share with its friend all the best places to buy things.

**Dilbert** by Scott Adams

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**Dilbert** by Scott Adams
Field Hockey victorious

MIT steps up in the second half to take the win

Greg McKeever

Molly K. Duffy ’15’s put-back early in the second half proved to be the game-winner as MIT defeated visiting Endicott College, 2-1, in non-conference field hockey action on Tuesday night. The win is the third straight for the Engineers, who improved to 9-2 on the 2011 campaign. Endicott falls to 1-7 with the loss.

The Gallows managed a sustained attack on the Tech defense early on, outshooting MIT 4-1 in the game’s first 8 minutes, before taking the lead just under 10 minutes into the contest.

The Cardinal and Gray was able to stem the tide and turn the pressure around following the first Endicott goal, testing the Endicott defense with seven shots on goal over the next 8 minutes. The success was short-lived, however, as MIT was awarded a penalty stroke in the 18th minute, which Kathleen M. Kaufman ’12 converted to even things up at one midway through the frame.

The MIT attack persisted early in the second as the Engineers peppered the Endicott goal with five quick shots before Duffy recorded her game-winning tally. After entering the ball on a penalty corner, Duffy positioned herself on the far post and was in perfect position to collect the rebound off a shot by Kameron L. Klaiber ’12 and put it home to put Tech ahead for good.

MIT had a number of chances to pick up an insurance marker down the stretch, earning 13 penalty corners in the second half and getting off 20 shots. Erin B. Kenny ’14 nearly registered her first career goal late in the game but her shot hit off the post.

Casey E. Landry ’14 and Jenna R. Klein ’15 split time in net for the Cardinal and Gray. MIT will return to NEWMAC play on Saturday, traveling to Smith College for a 1 p.m. contest.