

E62 is business school's new home

\$142m eco-friendly building brings together all of Sloan under one roof

By Anne Cai

E62, the \$142 million Sloan School of Management building, has opened for classes, for the first time bringing together all the different parts of the Sloan School into one place.

Located at 100 Main Street on the site of the old demolished building E56, E62 opened to faculty and staff in July, with offices being filled from the sixth floor down.

With six classrooms and over 30 group study rooms, E62 is specifically tailored to the needs of Sloan. All the study rooms, which come in various sizes, feature a large flatscreen monitor that can be connected to students' laptops, a projector and screen, at least one large whiteboard, and cameras designed for videoconferencing.

"I've been delighted to hear from students and staff and faculty," said Dean of the Sloan School David C. Schmittlein. "They say it's a great place to work, great place to study. It has a nice view of the river, as well as many group study rooms which we needed very badly."

A place for collaboration

"A big difference is the very functional study rooms," said Joseph P. Franken, of Sloan 2012 Leaders



LOGAN P. WILLIAMS—THE TECH

E62, the new Sloan building, is now open for classes. The building will be dedicated in May 2011. The chain-link sculpture in front of the building (left) was designed by Cai Guo-Qiang, and was completed in June.

for Global Operations (LGO) program, expressing great enthusiasm regarding E62's technological and collaborative upgrades. "With the TV screens, you can hook them up to your laptop, when you're working in a group, instead of everyone crowding around a laptop, you can

put your work on the screen and discuss it." Sloan's previous facilities had a small number of study rooms that were less technologically equipped.

In front of the building is a sculpture by Chinese artist Cai Guo-Qiang — large, connected chain

links around pine trees, intended to symbolize the interconnections and collaboration so essential to Sloan, according to Lucinda M. Hill, Director of Sloan Capital Projects.

In addition to formal learning ar-

E62, Page 11

Is Boston a hotspot for bank theft?

FBI statistics shed light on film's claim

By Maggie Lloyd

ASSOCIATE NEWS EDITOR

According to *The Town*, the Ben Affleck crime drama released in theaters today, there are over 300 bank robberies in Boston each year. The movie poster portrays masked robbers wielding weapons in nun costumes with the tagline, "Welcome to the Bank Robbery Capital of America," hanging ominously above them.

Is Boston really the bank robbery capital of America?

"The statistics speak for themselves," says Special Agent Gail Marcinkiewicz, FBI Media Spokesperson. FBI reports show that, for the past seven years, the state of Massachusetts has seen 200-300 incidents of bank crime each year, although the number of those cases occurring in the Boston area is unknown.

These incidents include robberies, burglaries, larcenies, and extortions. According to Marcinkiewicz, "most are straight-forward note jobs," in which a note demanding money is passed to the teller.

The FBI Bank Robberies archive (http://www.fbi.gov/page2/feb10/robberies_022310.html) states that "bank robbery methods are as novel and varied as the monikers used to label them. But in the end, the most common approach is to step up to a teller and make a demand verbally, with a written note, or both."

Not all cases, however, are that simple. Marcinkiewicz adds, "we have seen an increase in weapons shown or threatened." Between April and July this year, one man known as the "Burly Bandit" robbed 10 banks in Massachusetts, Connecticut, New Hampshire, and Rhode Island. According to an FBI press release in July, "he has made threats to kill the bank tellers and has brandished a weapon," and so was considered armed and dangerous. Robert Ferguson, a 47-year-old Greyhound bus driver arrested last month, is suspected

Bank robberies, Page 13

A flurry of packages at desk

As dorms fill up, some blame Amazon

By Jessica J. Pourian

ASSISTANT NEWS EDITOR

Dormitory desks have recently been flooded with packages — and tense e-mails asking residents to please pick up their packages.

"It's definitely been very packed, we've been getting over 100 packages a day for the past week or so," said Jamie Huang '11, a Simmons desk worker for three years. The volume of packages is "definitely more than I've ever seen before," she said. Desk workers at East Campus and Macgregor also report receiving over a hundred packages a day.

According to data collected at Baker House Desk, the number of packages per day this year is not significantly dif-

ferent from years previous. The number of packages received in the first half of September is only 30 percent more in 2010 than in 2008 and 2009.

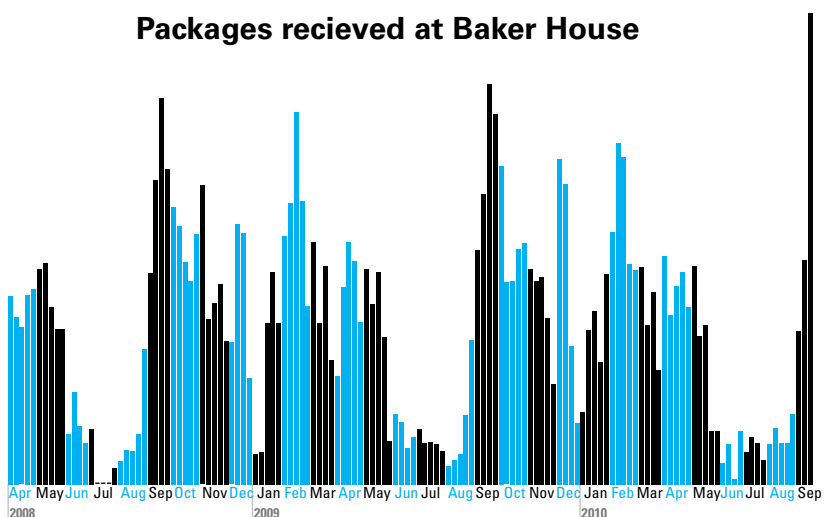
The culprit? Most desk workers blame Amazon Student, a new program that give students free two-day shipping on Amazon orders.

"My personal friends have been talking about it, and we've definitely been getting more than half of our packages from Amazon," Huang said.

Brain C. Conn '13, a desk worker at Burton Conner, agrees. "Normally, a [delivery man] will just bring in like twenty packages, and the Amazon signature is on all of them. Us desk workers don't re-

Packages, Page 10

Packages recieved at Baker House



SOURCE: BAKER HOUSE DESK

According to data maintained by Baker House desk, so far this year, inbound packages are up only about 30 percent. Above is a histogram with seven day bins.

More bids offered

Frats and sororities saw more interest in Greek life

By Jingyun Fan

ASSOCIATE NEWS EDITOR

Both fraternities and sororities saw more interest in Greek life this year and gave out slightly more bids.

More men participated in rush this year, and fraternities extended more bids — even as two fraternities were expelled from Rush. A total of 470 bids were extended to 367 men, compared to 437 bids to 338 men last year.

Fewer women registered for Recruitment at the outset this year, but four more stuck through the process to receive a bid. This year, 340 women participated, and 196 received bids; last year, 359 participated, and 192 received bids.

According to Spencer J. Parra '11, the Interfraternity Council (IFC) recruitment chair, fraternities have

Greek stats, Page 15

IN SHORT

Anna L. Tang is back in court today, as her attorney argues that evidence from the Commonwealth's expert psychiatrist should be excluded because, the defense says, its presentation after the trial began violates the rules of evidence discovery.

The deadline to register for the Career Fair, which takes place on 9/23, is today. Submit your resume to <http://career-fair.mit.edu/>.

The grocery shuttle to Trader Joe's and Whole Foods will run on Sundays this year, instead of Saturdays. Look for a yellow school bus making stops at East Campus, McCormick, Baker, Burton-Conner, MacGregor, New House, Next House, Simmons, and Random Hall between noon and 4:15 p.m. starting this weekend. More information, including the route map, is available

at http://ua.mit.edu/tjwf_shuttle/.

MIT Medical will be running a free flu shot clinic on Thursday, October 14 on the Student Center 3rd floor, for students only. Flu shots at MIT are free, but bring your MIT ID card or insurance card with you. A full schedule of clinics, including those for faculty and staff, is available on <http://medweb.mit.edu/about/news/flu/>.

The Fall Festival Comedy Show ticket pre-sale ends on Sat. Sept 18. Following that, tickets will open up to MIT affiliates, guests, and local college students. Tickets are \$10 at <http://sao.mit.edu/tickets>.

Stem cell judges decide to hear oral arguments on removing research ban, page 12.

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

WHAT YOU THINK ABOUT RUSH

Your letters about the debate over fraternity rush. Should freshmen be rushed? Does it really even matter? **OPN, p. 5**

OBAMA, WE HARDLY KNEW YOU

What happened to the Obama that we elected? **OPN, p. 4**

FROM ANTARCTICA TO BIG BANG

David Saltzberg hunts for neutrinos and consults for *Big Bang Theory*. **OPN, p. 4**



SCHOOL HOUSE'S "ETHICAL FASHION"

A Duke graduate creates a college fashion line that supports 70 women in Sri Lanka on a living wage. **ARTS, p. 8**

MIT FOOTBALL WINS GAME

Coming back from last year's one-win season, the Engineers have a new coach and fresh energy. **SPO, p. 16**

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At 103, a judge who hopes to take his final bow 'feet first'

WICHITA, Kan. — Judge Wesley E. Brown's mere presence in his courtroom is seen as something of a daily miracle. His diminished frame is nearly lost behind the bench. A tube under his nose feeds him oxygen during hearings. And he warns lawyers preparing for lengthy court battles that he may not live to see the cases to completion, adding the old saying, "At this age, I'm not even buying green bananas."

At 103, Brown, of the U.S. District Court here, is old enough to have been unusually old when he enlisted during World War II. He is old enough to have witnessed a former law clerk's appointment to serve beside him as a district judge — and, almost two decades later, the former clerk's move to senior status.

The Constitution grants federal judges an almost-unparalleled option to keep working "during good behavior," which, in practice, has meant as long as they want. But since that language was written, life expectancy has more than doubled, to almost 80, and the number of people who live beyond 100 is rapidly growing.

—A.G. Sulzberger, *The New York Times*

U.S. steps up criticism of China's economic practices

WASHINGTON — The Obama administration increased its criticisms of China's economic policies Thursday, as Treasury Secretary Timothy F. Geithner told Congress that China had substantially undervalued its currency to gain an unfair trade advantage, tolerated theft of foreign technology and created unreasonable barriers to U.S. imports.

But the election year anger from lawmakers seemed to surpass even Geithner's tougher posture. Lawmakers expressed impatience with the administration's familiar reliance on persuasion and negotiation, saying such tactics had yielded little.

Dismay over China's currency interventions — it buys about \$1 billion a day to maintain the renminbi's peg to the dollar — has been a recurring theme for years. The election-season rhetoric, the carefully calibrated strengthening of the Chinese currency on the eve of Geithner's appearance and the administration's struggle to negotiate a diplomatic line set the stage for predictable political theater.

But now, with the United States in a stalled economic recovery and lawmakers facing a restive electorate, the administration is clearly looking for alternative ways to bring pressure on the Chinese.

Geithner urged China to allow "significant, sustained appreciation" of its undervalued currency and even suggested that anything less would strain relations. He made it clear that President Barack Obama would press the issue with China's leaders.

—Sewell Chan, *The New York Times*

Researchers search Cascades for signs of grizzlies

PASAYTEN WILDERNESS, Wash. — Past the asters and aspen and subalpine fir, past the quick, cold creeks and the huckleberry hillsides, the bear hunter stopped and cocked his tweezers.

"Here," said Bill Gaines, a wildlife biologist for the Okanogan-Wenatchee National Forest, "is the mother lode."

Caught on a prong of barbed wire that he had strung weeks earlier in these remote mountains was a tantalizing clue: strands of light brown bear hair.

It will be months before DNA tests tell the full story: Did those hairs belong to a black bear, a relatively common resident here, or were they snagged from the far more elusive grizzly? The last confirmed sighting of a grizzly in the North Cascades was in 1996.

Gaines is leading the most ambitious effort ever to document whether grizzlies still exist here. While many people want the grizzlies, an endangered species, to make a comeback here, others worry that more bears will mean more conflict.

—William Yardley, *The New York Times*

Poverty rate jumped sharply in 2009, census reports

By Erik Eckholm
THE NEW YORK TIMES

The percentage of Americans struggling below the poverty line in 2009 was the highest it has been in 15 years, the Census Bureau reported Thursday, and interviews with poverty experts and aid groups said the increase appeared to be continuing this year.

With the country in its worst economic crisis since the Great Depression, 4 million additional Americans found themselves in poverty in 2009, with the total reaching 44 million, or 1 in 7 residents. Millions more were getting by only because of expanded unemployment and other assistance.

And the numbers could have climbed higher: One way embattled Americans have gotten by is sharing homes with siblings, parents or even nonrelatives, sometimes resulting in overused couches and frayed nerves but holding down the rise in the national poverty rate, according to the report.

The share of residents in poverty climbed to 14.3 percent in 2009, the

highest level recorded since 1994. The rise was steepest for children, with 1 in 5 affected, the bureau said.

The report provides the most detailed picture yet of the impact of the recession and unemployment on incomes, especially at the bottom of the scale. It also indicated that the temporary increases in aid provided in last year's stimulus bill eased the burdens on millions of families.

For a single adult in 2009, the poverty line was \$10,830 in pretax cash income; for a family of four, \$22,050.

Given the depth of the recession, some economists had expected an even larger jump in the poor.

"A lot of people would have been worse off if they didn't have someone to move in with," said Dr. Timothy M. Smeeding, director of the Institute for Research on Poverty at the University of Wisconsin.

Smeeding said that in a typical case, a struggling family, like a mother and children who would be in poverty on their own, stayed with more prosperous parents or other

relatives.

The Census study found an 11.6 percent increase in the number of such multifamily households over the past two years. Included in that number was James Davis, 22, of Chicago, who lost his job as a package handler for FedEx in February 2009. As he ran out of money, he and his 2-year-old daughter moved in with his mother about a year ago, avoiding destitution while he searched for work.

"I couldn't afford rent," he said.

Danise Sanders, 31, and her three children have been sleeping in the living room of her mother and sister's one-bedroom apartment in San Pablo, Calif., for the past month, with no end in sight. They doubled up after the bank foreclosed on her landlord, forcing her to move.

"It's getting harder," said Sanders, who makes a low income as a mail clerk. "We're all pitching in for rent and bills."

Reporting was contributed by Rebecca Cathcart in Los Angeles, Emma Graves Fitzsimmons in Chicago, Malcolm Gay in St. Louis and Malia Wollan in San Francisco.

Once wary, now President Obama relies on Petraeus

By Helene Cooper, David E. Sanger, and Thom Shanker
THE NEW YORK TIMES

WASHINGTON — When President Barack Obama descended into the White House Situation Room on Monday for his monthly update on Afghanistan and Pakistan, the new top U.S. military commander, Gen. David H. Petraeus, ticked off signs of progress.

Come December, when the president intends to assess his Afghan strategy, he will be able to claim tangible successes, Petraeus predicted by secure video hookup from Kabul, Afghanistan, according to administration officials.

The general said that the U.S. military would have substantially enlarged the "oil spot" — military jargon for secure area — around Kabul. It would have expanded U.S. control farther outside of Kandahar, the Taliban heartland. And, the aides

recalled, the general said the military would have reintegrated a significant number of former Taliban fighters in the south.

"He essentially promised the president very bankable results," one administration official said. (Others in the room characterized the commander's list more as objectives than promises.)

Obama largely listened, asking a few questions, and two hours later, the White House sent an e-mail to reporters using language that echoed the general's.

But even inside an administration that is pinning its hopes, both military and political, on the accuracy of the general's report, there are doubters. Assessments from intelligence officials are far more pessimistic, and Obama regularly reviews maps that show how the Taliban have spread into areas where they had no major presence before.

And some military officers, who

support Petraeus' counterinsurgency strategy and say he readily acknowledges the difficulties ahead, caution that the security and governance crisis in Afghanistan remains so volatile that any successes may not be sustainable.

How that tension plays out in coming months — the guarded optimism of a popular general leading an increasingly unpopular war and the caution of a White House that prides itself on a realism that it says President George W. Bush and his staff lacked — will probably define the relationship between Obama and his field commander. Petraeus, who led the Iraq surge and was a favorite of Bush's, has slowly worked himself into the good graces of a president who was once wary of him.

So far, the two men appear to be meshing well, advisers say. Both are meticulous, even-keeled and matter of fact, and both like to do their homework, studying detailed reports.

WEATHER

Igor, Julia, and Karl, oh my!

By Allison A. Wing
STAFF METEOROLOGIST

The active hurricane season continues in the Atlantic, with three hurricanes occurring simultaneously (a fairly rare occurrence in the Atlantic). As of 5 p.m. yesterday, Igor had sustained winds of 125 mph, Julia had sustained winds of 85 mph, and Karl had sustained winds of 80 mph. Igor has maintained its Category 4 intensity for several days, and is expected to continue to be a powerful hurricane before gradually weakening as he moves over colder waters while curving towards Bermuda. Julia was a Category 4 hurricane on Wednesday, before

weakening due to less favorable environmental conditions, including interaction with Igor's outflow, and is forecast to continue to dissipate. Neither Igor nor Julia forecasted tracks indicate that they will impact the U.S. Karl actually intensified to hurricane status after making landfall in Belize as a tropical storm and crossing over the Yucatan peninsula into the Gulf of Mexico, and is expected to make a second landfall in eastern Mexico this afternoon.

Here in Boston, after some morning showers today associated with a passing low subsiding, high pressure will move in to the area, giving us pleasant weather for the weekend.

Extended Forecast

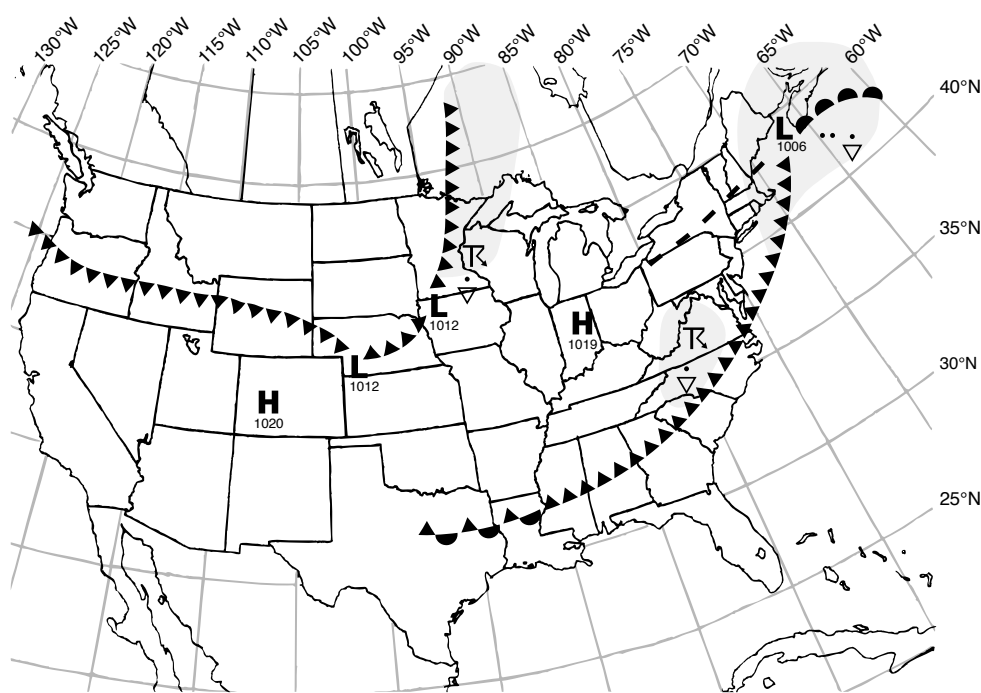
Today: Morning showers, then mostly cloudy. High of 67°F (19°C). North winds at 10–15 mph.

Tonight: Partly cloudy. Low of 55°F (13°C). North winds at 5–7 mph.

Tomorrow: Mostly sunny. High of 69°F (21°C). Calm, then East winds at 10–15 mph. Low of 55°F (13°C).

Sunday: Mostly sunny. High of 71°F (22°C). South Southeast winds at 3–5 mph. Low of 53°F (12°C).

Monday: Mostly sunny. High of 68°F (20°C). North winds at 8–12 mph. Low of 50°F (10°C).



Situation for Noon Eastern Time, Friday, September 17, 2010

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	--- Trough	Snow: *	☁ Fog
L Low Pressure	— Warm Front	Light: *	⚡ Thunderstorm
S Hurricane	▲▲ Cold Front	Moderate: **	☁ Haze
	— Stationary Front	Heavy: ***	

Compiled by MIT
Meteorology Staff
and The Tech

In California, a showdown on greenhouse gas emissions

By Adam Nagourney
THE NEW YORK TIMES

LOS ANGELES — A ballot initiative to suspend a milestone California law curbing greenhouse gas emissions is drawing a wave of contributions from out-of-state oil companies, raising concerns among conservationists as it emerges as a test of public support for potentially costly environmental measures during tough economic times.

Charles and David Koch, billionaires from Kansas who have played a prominent role in financing the Tea Party movement and financed major buildings at MIT, donated \$1 million to the campaign to suspend the Global Warming Solutions Act, which was passed four years ago, and

signaled that they were prepared to invest more in the cause. With their contribution, proponents of the proposition have raised \$8.2 million, with \$7.9 million coming from energy companies, most of them out of state.

This latest embrace by the Koch brothers of a conservative cause jolted environmental leaders who are worried that a vote against the law in this state — with its long history of environmental activism — would amount to a powerful setback for emission control efforts in Washington and statehouses across the country.

"It would have big implications," said George P. Shultz, the former secretary of state, who is a chairman of a campaign to defeat the ballot initia-

tive. "That is one reason why these outside companies are pouring money in to try to derail the same thing. At the same time, the reverse is true: They put this fat in the fire and if we win, that also sends a message."

Gene Karpinski, president of the League of Conservation Voters, who has been traveling California to rally support against the proposition, called it "by far the single most important ballot measure to date testing public support for continuing to move to a clean energy economy."

The campaign against California's greenhouse gas law comes as business groups have invested heavily across the country in trying to defeat members of Congress who voted for a cap-and-trade bill that also required emission reductions.

Strategic Arms Reduction Treaty (START) with Russia approved

By Peter Baker
THE NEW YORK TIMES

WASHINGTON — President Barack Obama's arms control treaty with Russia advanced to the Senate floor with bipartisan support Thursday, giving it a major boost toward ratification despite the election-year polarization that has divided the parties over so many other issues.

The Senate Foreign Relations Committee voted 14-4 to approve the treaty known as New START, with three Republicans joining Democrats after negotiating an accompany-

ing resolution addressing concerns about missile defense and modernization of the nuclear arsenal.

The vote was a rare instance in which Obama has won more than token Republican support for a signature initiative. But he still faces a battle to secure final approval on the Senate floor, where under the Constitution the treaty needs a two-thirds vote, meaning at least eight Republicans. With many Republicans still opposed, Democrats are likely to delay a floor vote until a lame-duck session after the election Nov. 2.

Obama considers the treaty one

of his most tangible foreign policy achievements and the centerpiece of his effort to rebuild relations with Russia after years of tension.

Signed by Obama and President Dmitry Medvedev in Prague in April, the treaty would bar each side from deploying more than 1,550 strategic nuclear warheads or 700 launchers starting seven years after final ratification.

Perhaps just as significantly, it would establish a new inspection and monitoring regime to replace the longstanding program that lapsed last year with START's expiration.

Study dates HIV ancestor to at least 32,000 years ago

In a discovery that sheds new light on the history of AIDS, scientists have found evidence that the ancestor to the virus that causes the disease has been in monkeys and apes for at least 32,000 years — not just a few hundred years, as had been previously thought.

That means humans have presumably been exposed many times to SIV, the simian immunodeficiency virus, because people have been hunting monkeys for millenniums, risking infection every time they butcher one for food.

Confirming that the virus is very old helps explain why it infects almost all African monkeys but does not sicken them. Over many generations, as any disease kills off vulnerable victims, the host adapts to it.

The new research, published Thursday in *Science* magazine, was relatively simple. Scientists tested 79 monkeys from Bioko, a volcanic island 19 miles off the West African coast. Bioko used to be the end of a peninsula attached to the mainland in what is now Cameroon, but it was cut off when sea levels rose 10,000 years ago at the end of the last ice age.

Since then, six monkey species have developed in isolation on the island, and scientists found that four of them had members that were infected with SIV.

—Donald G. McNeil, Jr., *The New York Times*

T subway portal gets facelift and return to glory

In a world of functional but mundane MBTA entrances, the portal for inbound travelers at Copley Square is one of a kind: a filigreed framework of flowers and curlicues in cast iron, at once classically inspired and reminiscent of the Art Nouveau kiosks that distinguish the Metro in Paris.

The civic leaders who commissioned the covered entrance 99 years ago wanted to enhance the grandeur of the Boston Public Library behind it, not mar it with a run-of-the-mill subway entrance. But with time and neglect, the fine details became obscured by rust, thick layers of paint, and assorted graffiti; transients were sleeping on the roof. The structure, bowed and buckling, was at risk of collapse.

But now, after more than two years of painstaking repairs and reconstruction, the Copley Station inbound head house — as subway entrances are known — has been restored.

A crew from the same Easton blacksmith shop that revived the gates enclosing Harvard Yard and the ornamentation around the State House is in the process of reinstalling it on the Boylston Street sidewalk near Dartmouth Street.

The restoration, costing a little under \$1.9 million, is a mere line item on the books of a roughly \$50 million modernization project intended to make the Green Line stations at Arlington and Copley accessible to people with disabilities.

—Eric Moskowitz, *The Boston Globe*

Sophomores: Jump-start your career!

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Thursday	Sept 30	5:30 PM	4-270

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Who knew we elected Bush to a 3rd term?

On many levels, the Obama administration continues to disappoint

By Michael Veldman

Remember when you first got hit with Obama? I sure do. I was a sophomore in high school in February of 2007 when a politically inclined friend of mine and I started spreading the Good Word about our very own fresh-faced, junior Senator's bid for the presidency. We stuck with his 21 month long campaign and watched proudly as he was inaugurated — she from the National Mall and I from Chicago.

And then we kept watching and waiting and sort of, kind of, growing a little impatient.

Give him a break, look at the mess he inherited, his apologists said. Of course it's going to take him a while to work toward gay rights, he's got two wars to take care of, you know!

Granted. Then let's let him start to prepare for the de-escalation in Iraq and Afghanistan first. Wait, he did say de-escalation, right?

That's not fair, Afghanistan is a quagmire! It's Bush's fault we're stuck there.

And then we were fed excuse after excuse for why health care took so long to pass and why it was so unsatisfactory, why his promises for transparency and accountability went in the complete opposite direction, and why defense spending wasn't touched while education spending suffered.

That is a little frustrating, I suppose.

But we ate it up. Week after week we bought it, and now all of a sudden it is twenty months into his presidency and he has yet

to make good on almost every major campaign promise. Not only that, but he is showing eerie and shocking similarities to former President George Bush.

Oh, President Obama, how do you disappoint us? Let us count the ways:

1. You authorized the CIA to assassinate a US citizen without due process.

2. You opened huge swaths of water along the Atlantic and north Alaskan coast as well as the eastern Gulf of Mexico to oil and natural gas companies — less than a month before the BP disaster (Drill, baby drill! Wait, who said that again?)

3. You hired Bush administration officials like Dana Perino (the infamous spin doctor) and Howard Schmidt (head cyber-adviser during a period of curiously missing emails and other documents that could have incriminated Bush in the Valerie Plame Wilson case — in which a covert agent's identity was compromised — among others).

4. You promised a new era of "scientific integrity" in the White House and have done nothing to follow through. Scientific whistleblower organizations report as many complaints from scientists in your administration as from the previous.

5. You continue to try to placate LGBT advocates with vague promises of "progress" while doing nothing to repeal the Defense of Marriage Act and "Don't Ask Don't Tell," or push marriage rights. Your hospital visitation mandate was important, but it came a year later than it could or should have.

6. You continue to push for Big Brother-like citizen-monitoring powers, like access-

ing a citizen's email for their contacts, dates and times that emails were sent and received, and browser histories — all without court permission.

7. When five detainees were filing suit in the Ninth Circuit Court for alleged torture while in US captivity, your administration stepped in and successfully appealed to stop the case from proceeding for the sake of "national security." Ben Wizner, the detainees' lawyer, noted that "[i]f this decision stands, the United States will have closed its courts to torture victims while providing complete immunity to their torturers." Again.

8. Did I mention you authorized the assassination of a US citizen? Because that's just scary.

Well, what the hell, Obama?

It is all so very confusing, the way Obama reneged on his campaign promises. The peculiar way he's handled things has left his supporters disillusioned while his opponents, who should be wetting themselves the way he has crossed over to their side on so many levels, are still smearing him every chance they get. I am not being melodramatic when I say I feel betrayed. I hardly expected him to be our savior; I hardly expected him to sweep into office and wave his magic wand and bring peace and harmony to the world. But never in my wildest dreams did I expect him to so boldly disregard our Constitution or so closely resemble our former President.

Michael Veldman is a member of the Class of 2014.

INTERVIEW

From A.N.I.T.A. to the Big Bang

David Saltzberg is a UCLA physicist & consultant to Big Bang Theory

By Nina Sinatra

STAFF COLUMNIST

As a respected high energy physicist, Dr. David Saltzberg's work has brought him to many remarkable places: Antarctica, his classroom at UCLA, CERN's Large Hadron Collider, and to the set of CBS's *The Big Bang Theory*, for which he is the scientific consultant.

I had the opportunity to speak with Dr. Saltzberg about his experiences and the implications of his work in detecting high energy particles (to quote Dr. Sheldon Cooper, "Bazinga!").

Nina Sinatra: How did you become interested in astroparticle physics?

David Saltzberg: Since college and probably before, I was drawn towards particle physics and accelerators. They seemed to be the most direct way to find out what matter is really made of. Despite being warned away from joining such large experiments, I found myself as a graduate student at Fermilab, working at what was until recently the world's highest energy accelerator, for my Ph.D. work. It was a large collaboration, but even in such big scientific groups there

is always interesting work to be done and important jobs on the detector that nobody is working on.

Later on, when I came to UCLA as an assistant professor, a major upgrade of the accelerator and detectors became badly delayed. An experimentalist does not like to go so many years without any fresh data. Luckily, Nature provides us with much higher energy beams than we can create on earth, over 10 million times more energy. And Nature's beams never turn off. My friend and colleague Peter Gorham gave a talk at my university, UCLA, showing how radio waves could be used to detect extremely high energy neutrinos in these natural beams and I was hooked. Our first attempt used ground based antennas, the "Deep Space Network" we pointed at the Moon, looking for neutrinos hitting the lunar regolith. Later this idea changed into flying the antennas and looking down at the Antarctic Ice. That is the basis of our balloon payload, called ANITA: The Antarctic Impulsive Transient Antenna.

N.S.: Tell us a bit about your work on the ANITA experiment — how do you and your colleagues interact with and use neutrino

telescopes?

D.S.: The problem with detecting ultra high energy neutrinos is they are so rare, about one hits the Earth per square kilometer per century. So you need to have enormous detectors, hundreds of cubic kilometers, which is bigger than anything you can buy. We use Antarctic ice because it is nearly transparent to radio waves. If a neutrino interacts in the ice, it makes a shower of charged particles that produces a short, sub-nanosecond radio burst. Our payload has 40 antennas observing the ice, looking for these brief radio bursts.

We were very fortunate that NASA's Columbia Scientific Ballooning Facility exists. It is a wonderful program that allows astronomers to fly scientific payloads at 120,000 feet. Their Long-Duration Balloon program in Antarctica has allowed us flights in excess of 30 days. It is a wonderful confluence of effects that allows the experiment to work: First, the circumpolar vortex set up in the Austral Summer allows us to fly balloons in a large circle around the 80th South parallel. Second, about three-quarters of the world's

Saltzberg, Page 5

CORRECTIONS

Because of an editing error, the Tuesday, Sept. 14 story about tenure at MIT referred to Charles C. Mills '12 as a "former student." Mills is a former student of Professor Eric Hudson and is currently a junior.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the editorial board, which consists of Chairman Steve Howland, Editor in Chief Jeff Guo, Managing Editor David M. Templeton, Executive Editor Natasha Plotkin, Opinion Editors Joseph Maurer and Ethan Solomon, Contributing Editor Michael McGraw-Herdeg, and Advisory Board member Andrew T. Lukmann.

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FEATURE

School House brings ethical fashion to MIT

Duke graduate's clothing line supports 70 workers in Sri Lanka

By Kathryn Dere and Jenny Xie

STAFF WRITERS

During the first week of school, we had a chance to speak with Rachel Weeks, the founder and president of School House — a collegiate apparel line that not only produces garments with designs beyond the usual school-name-plastered-over-front-of-sweat-shirt formula, but also has a special commitment to promoting ethical fashion. Believe it or not, the School House line designed especially for MIT students has already been in the Coop for several weeks! Read on to find out the inside story behind the latest addition to our campus bookstore.

College senior with an idea

Although Rachel Weeks graduated from Duke University in 2007 with a degree in Women's Studies, her love for fashion has been brewing ever since she was a little girl. But these two interests were, as Weeks described, "incompatible." Things took a turn in her junior year at Duke, when the concept of "ethical fashion" seamlessly united Weeks's two passions.

As a senior at Duke, Weeks started looking into ethical manufacturing and quickly channeled this concept into the fashion industry. If you have no idea what "ethical manufacturing" is about — don't worry, Weeks didn't really know either — that is, not until she applied for and received a Fulbright grant to go to Sri Lanka and begin answering the question, "How do you manufacture clothes in an ethical manner?"

In our interview, Weeks voiced the fundamental findings of her research in Sri Lanka: "The challenges faced by women in the garment sector by and large boiled down to poverty. All of the problems that they had, all of the challenges that they faced, resulted from the fact that they didn't have enough money to sustain themselves, to feed their families." In response to these findings, Weeks decided to focus on "living wage" — which essentially means paying employees enough to live. And right there in Sri Lanka, a new company was born.

From Sri Lanka to MIT

As Weeks recalled of being in Sri Lanka, "I was at this stage in my life where I had nothing to lose: I could... come home and get a job working in corporate social responsibility... But this was a great time to take a huge risk and see how it turned out." The risk was, of course, starting School House. In fact, the money Weeks had used to start the company was actually compensation from getting hit by a car during her sophomore year of college. Weeks used the resulting \$20,000 to hire 70 workers and start her own factory in Sri Lanka.

"[School House] has been my baby for three years,"

Weeks said. "We only started sales a year and a half ago." For the company's recent growth, Weeks happily credits a partnership with Barnes and Nobles, the bookseller giant that operates hundreds of college bookstores across America. Before B&N, School House had only sold in independently-owned bookstores. The partnership with B&N opened a critical window of opportunities. The brand was first tested at Harvard and Yale, and successful sales allowed School House to expand to forty-three new stores in August, including MIT's Coop. Fifty additional stores are expected to carry School House apparel by January. More business certainly means more work, right?

For Weeks, that means traveling: "I am, three weeks out of the month, in my car, just visiting colleges, going to college bookstores, talking to students, and trying to get a feel for the campus culture... we always try to give each collection a design touch that's very unique to that campus." Her visit to MIT yielded five pieces, including yoga pants with iPod pockets, cardigans, and T-shirt dresses. But the most "MIT-esque" elements come from what Weeks admitted as "a little stereotypical..." [The creative director Colleen McCann] came up with these equations print t-shirt and hoodie, that we thought was fun, and a little kitschy, that we thought worked for your market." The School House products are available at the Coop in Kendall Square, and soon, if not already, on the Coop's online store.

School House power

Fashion has a tendency to defy convention. Just look at the theatrical displays on the runway. Soon enough, we find that the somewhat watered-down versions of the same runway trends have trickled down into department stores to mark their territory in mainstream culture. School House explores fashion in the other direction. Instead of designing a drastic neckline or some exotic pattern, School House uses the college campus as the starting point for its products. With a guarantee that its manufacturing workers are given the resources to lead adequate lives, it aims to change the foundations of the garment industry.

Nearing the end of the interview, Rachel Weeks poured out her thoughts in one breath, "I just hope that more and more people will hear our story and want to support what we're doing for these 70 people in Sri Lanka, who directly benefit from every cardigan and T-shirt dress that you buy. I wish I could take everybody with me over there and show them what it does. Hopefully we'll gain the resources to tell that story better and better over time." But for now, School House is moving from campus to campus, hoping its core message resonates with college students who care about their impact on the world as much as the clothes they wear.



PHOTOS COURTESY OF RACHEL WEEKS

School House, which specializes in "ethical manufacturing" was started by Duke graduate Rachel Weeks. Clothes designed for MIT are available at the Kendall Coop.



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LOGAN P. WILLIAMS—THE TECH

Students have been receiving many more packages this year, clogging mail rooms at dorms. Some blame Amazon Student, a new program that gives free two-day shipping for students with .edu mail accounts.

Baker data shows mail deluge may just be perception

Anecdotal evidence says otherwise

Packages, from Page 1

ally like it as much," he added.

As mail rooms across campus fill up, desk workers have been sending regular e-mails for residents to come pick up their packages. Audrey L. Horst '11, desk captain of East Campus, signed her e-mail with: "Never wanting to see anything from Amazon again."

Alex V. Rodriguez, a senior in Course IX, used Amazon Student to order all of his textbooks.

"It's super duper awesome," he said, "and very helpful at the beginning of the year." Though he normally orders his books through Amazon, the quick shipping has assuaged his fears about textbooks not getting to him on time.

Asked if his stress level has gone down since getting Amazon Student, he replied "very much

so."

Though the daily deliveries have overwhelmed desk workers, students have mostly been prompt about picking up their packages.

"It depends on the person. When packages first arrive, there's the first torrent of people, there are always some stragglers. Some packages have been here for 2 or 3 weeks. People usually pick up within the week," said Wei Sun '11 of Next Desk.

Some desk workers say it's just the time of year. There just a lot of packages "at the beginning of the year," said Juan Ybarra '12 of Senior House Desk, "their parents send them stuff."

"It's just worse at this time of year because people are ordering schoolbooks, mostly textbooks," said Celine Yang '13 of McCormick desk.

It's not just textbooks. On Wednesday, several people besieged East Campus desk on Wednesday, excited for their copy of the video game Halo: Reach.

Matthew Celaya '13, ordered his copy Monday. "They had free release day shipping," he said, "It was fucking awesome."

There are slightly bulkier deliveries too. "Freshmen are ordering large items," Sun said, "There was a large 42-inch TV that came in today."

For now, the work of sorting through all the deliveries continues. "I'm actually in the middle of package logging so I can't take the call right now," a New House desk worker said Wednesday evening.

What are Amazon Student and Amazon Prime?

Amazon Student is a one-year offer that gives college students free Amazon Prime service — a service that provides free two-day shipping on most Amazon.com items. Amazon Student also includes special offers and promotions just for students.

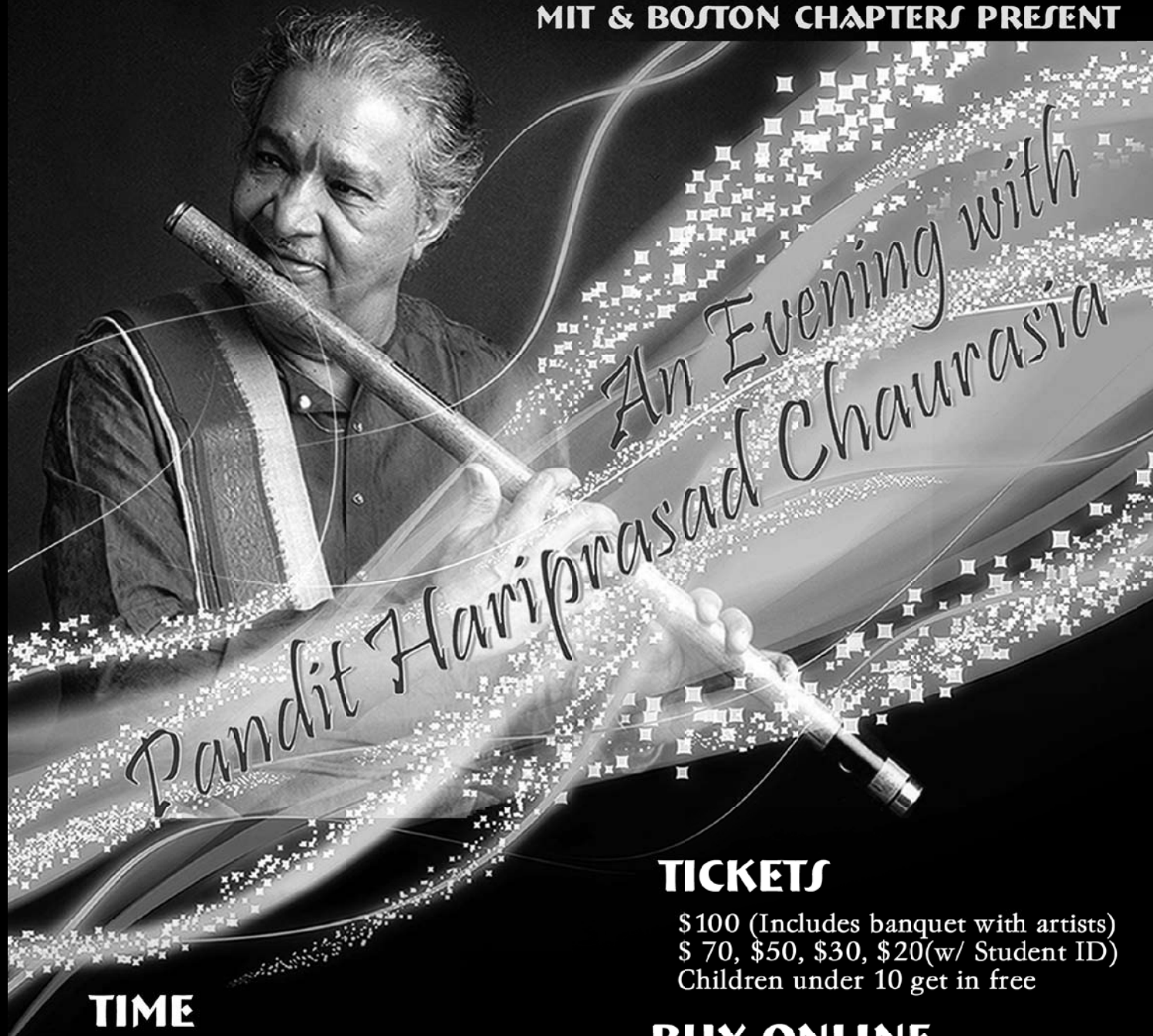
It is the one of the two programs Amazon has recently introduced to promote Amazon Prime; the other being Amazon Mom, an offer of Prime to anyone who is a primary caregiver.

Amazon Prime normally costs \$79 per year, but Amazon hopes to hook students on it by giving them the first year for free.

Though Amazon Student is advertised for students, anyone with a valid .edu email address is able to sign up. Mailings lists, faculty, and alums are also able to sign up for the service. However, under the Terms and Conditions for Amazon Student Prime, Amazon warns they will pursue fraudulent use:

"If you do not provide documentation indicating that you meet the eligibility requirements above, you may be required to reimburse us for benefits you received as a result of your Amazon Student membership."

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E62 offers study rooms, river views, 'green' architecture

E62, from Page 1

As E62 also features plenty of open space, such as lounge areas on the second floor right outside of several study rooms.

"The overall entire purpose is to allow more collaboration within Sloan. That's where ideas are born and bred," says Daniel R. Bolgren, LGO '12.

"[E62] brings all of MIT Sloan faculty together in one building, and we haven't had that in decades," Schmittlein said. Previously, Sloan faculty had been dispersed through approximately five different buildings. Now, with the 205 offices on the upper floors, Sloan professors can have offices overlooking the river and plenty of spacious areas, including faculty lounges that extend between two floors.

"It has such open architecture, like this cafeteria," said Valerie Y. Kuo, a PhD student with an office on one of the upper floors of E62. "We didn't used to have something like this, and while it doesn't sound that important, it provides a space where people can eat together, talk, share ideas."

An eco-friendly design

E62 features many design elements that help make it the "greenest" building on MIT campus thus far, according to a Sloan press release. Walking into the building and heading towards the first floor cafeteria, one of the most striking aspects is the use of windows. On the side facing the Charles River, nearly the entire wall is various types of glass, specially designed to be energy efficient and reduce light pollution. There are also some sunshades and screens set to automatically adjust based on the amount of lighting and the time of day. The reflective roof is designed so that solar panels might one day be installed.

Originally expected to be at least

LEED Silver, the third highest rating in green building certification by the US Green Building Council, those involved with the building now have even higher expectations. Julia Ledewitz, the Sustainability and LEED coordinator for the E62 project, says, "We have very high hopes. We're not sure yet, but E62 is definitely in the

Gold range." Its LEED certification is pending.

For the most part, only Sloan staff and faculty will have offices in E62. Naturally, anyone taking Course XV classes will have classes in the building, and a large percentage of students taking those classes are undergraduates. With all of Sloan moving

into E62, some space has opened up in E52 where Economics and Sloan shared space. Building E52 could very likely also "start plans to undergo some renovations in the future," according to Marc B. Jones, Assistant Dean for Finance and Administration in School of Humanities, Arts, and Social Sciences.

A gathering for Sloan students occurred on Tuesday afternoon to celebrate, and E62 had an open house on yesterday. However, the building won't have an official opening ceremony yet — instead, the dedication of the building will take place in May 2011 as part of the MIT150 celebration.

Free Food w/ Coatue

```
int getRandomNumber()
{
    return 4; // chosen by fair dice roll.
             // guaranteed to be random.
             // http://xkcd.com/221/
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Three-judge panel asks for oral arguments on stem cell ban

Department of Justice remains curiously silent on case

By John A. Hawkinson
NEWS EDITOR

The Circuit Court of Appeals for the District of Columbia said Wednesday that it will hear oral arguments about whether to suspend a lower court's preliminary injunction barring federal funding for human embryonic stem cell research.

Arguments will be heard at 10 a.m. on Monday, Sept. 27. It had previously been expected the court would decide on the strength of briefs filed before it, the last of which is due Sept. 20. The court will probably rule a few days after oral argument.

This is the latest step in a complex legal back-and-forth between the National Institutes of Health and James L. Sherley and Theresa A. Deisher, the adult stem cell researchers who are suing the government alleging that a congressional appropriations rider prohibits the

NIH from funding embryonic stem cell research that uses stem cell lines created after August 2001.

The flurry began when a lower court issued a preliminary injunction on Aug. 23. That injunction barred the NIH from spending federal funds on research that uses cell lines derived in the past decade. It appeared to come as a surprise to the NIH and to researchers, who were caught without a plan.

But the Obama administration and the NIH interpreted the injunction much more strongly, saying that it barred even the research that was considered acceptable under the President Bush's stem cell guidelines — guidelines which permitted the use of cell lines derived prior to 2001.

The DOJ appealed the preliminary injunction to the appeals court on Aug. 31, and at the same time asked Judge Lamberth to temporarily suspend, or stay, his injunction barring the research, while the appeal took place.

Sherley and Deisher have made clear they believe the government's interpretation is incorrect, and that the Bush lines could still be used. Neither the NIH nor the Department of Justice have offered any clarification on this point.

Judge Royce C. Lamberth of the District Court for the District of Columbia denied the government's stay request on Sep. 7, characterizing the government's interpretation of his injunction as "incorrect."

On Sep. 8, the DOJ asked the appeals court to issue a stay. The next day, Sep. 9, the appeals court granted an "administrative stay," merely to allow the court time to consider the arguments — the stay is explicitly not a "ruling on the merits."

Sherley and Deisher filed their detailed written opposition to the stay with the appeals court on Tuesday, and they reiterated many of the same arguments from their lower

court briefs. They also noted several new points, noting that the government has not "consistently interpreted" the appropriations rider, citing a 1996 memo from the NIH to Georgetown researcher Wendy Fibison.

They also take issue with the government's characterization of the legislative history. And they suggest the NIH's statement that it would take six to eight months to restart suspended stem cell research is inconsistent with the fact that the NIH appears to have immediately restarted that research when the administrative stay was issued last week Thursday (Sept. 9).

In contrast, the government has been less responsive and more quiet. The DOJ had no response to Tuesday's filing by Sherley and Deisher, nor have they responded to their earlier filing saying the injunction did not apply to Bush-era stem cell lines. The NIH refers all inquiry to the DOJ.

Sherley is an adult stem-cell researcher who was denied tenure by MIT in 2007 and now works for the Boston Biomedical Research Institute; he alleged race was a factor in his tenure case and staged a hunger strike in response.

Deisher is a therapeutic adult stem cell researcher at AVM Biotechnology, a firm she founded, in Seattle, Wash.

Both are members of an advocacy group, Do No Harm, which calls itself "The Coalition of Americans for Research Ethics."

The lawyers for Sherley and Deisher, are all working pro bono, meaning free of charge, because they believe the work is in the public interest. The lead counsel is Thomas G. Hungar, a partner at the high-powered law firm of Gibson Dunn & Crutcher; five Gison Dunn associates are also on the case. They are joined by Samuel B. Casey of Advocates International and Steven H. Aden of the Alliance Defense Fund.



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Stem cell researcher to give Killian Award Lecture this month

One week from Tuesday, on September 28, acclaimed biology professor and stem cell researcher Rudolph Jaenisch will give the annual James R. Killian award lecture in 10-250.

When you talk to stem cell researchers at MIT, as a one they

point to Jaenisch (pronounced YAY-nish) as a leader in the field and his the name comes up repeatedly.

The Killian Faculty Achievement Award recognizes "the

Jaenisch, Page 15



The Council for the Arts at MIT's Grants Program



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Ben Affleck wrong about Boston bank robberies

Boston is not a mecca for bank robbers, contrary to what a new movie might tell you

Bank robberies, from Page 1

of being the Burly Bandit; on Monday, he pleaded not guilty in federal court, according to WBZ-TV.

New England had 406 bank robberies in 2008, compared to 309 in 2009. Massachusetts claimed 286 of the 2008 cases and only 180 of the 2009 cases. There was no data specifically available for the Boston area. Still, it seems Boston, or even the Northeast, is not quite the proposed mecca for bank robberies. About a third of the 2009 bank robberies took place in the South whereas the Northeast accounted for one-sixth of US bank robberies in 2009. In 2008, the South claimed one-third of bank robberies whereas the Northeast claimed one-fifth.

Although Massachusetts is the top New England state when it comes to bank crime,

claiming 100-200 more incidents each year than its New England neighbors, larger states such as New York, Pennsylvania, Texas, and Florida, and California far outweigh the Bay State in terms of bank robberies.

Reacting to the movie's claim that most robbers call Charlestown their home, Marcinkiewicz said, "it's very difficult to generalize." The FBI's job, she says, is to collect evidence and get criminals off the street. Authorities don't know personal information until after perpetrators are arrested.

While the trailer, which showed before the movie *Inception* in most theaters this summer, features aggressive, costumed crooks and explosions, the FBI reports that only 4 percent of bank robberies, burglaries, and larcenies in the US include acts of violence; hostages were taken in only 47 of the approximately 6,000 cases in 2009. Thieves accessed bank

vaults in only 29 incidents whereas explosives were used in only 193 cases in 2009. All of the 21 deaths linked to bank crime in 2009 were those of the perpetrators themselves.

Although based on a fictional story, the production crew worked to make this a realistic movie. According to the production notes, "The Town" was mostly filmed on location in Charlestown, the North End, Cambridge, and Fenway Park, the scene of the movie's action climax. On Tuesday, the film premiered in the famous ballpark; about 1,770 guests watched the movie on a giant screen over the third-base dugout.

The story, based on Chuck Hogan's novel *Prince of Thieves*, follows a group of Beantown thieves, including Doug MacRay, played by Cambridge-native Affleck, as they dodge the Feds and deal with a bank manager from an earlier heist.

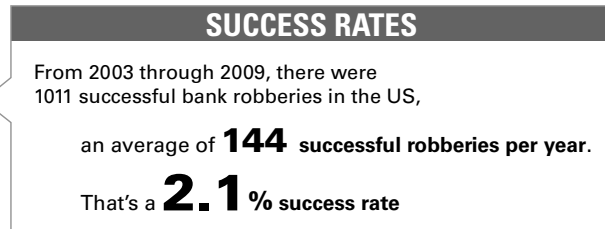
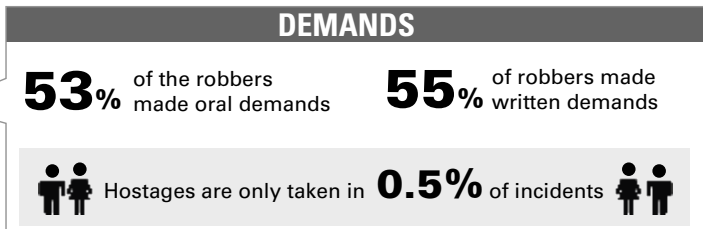
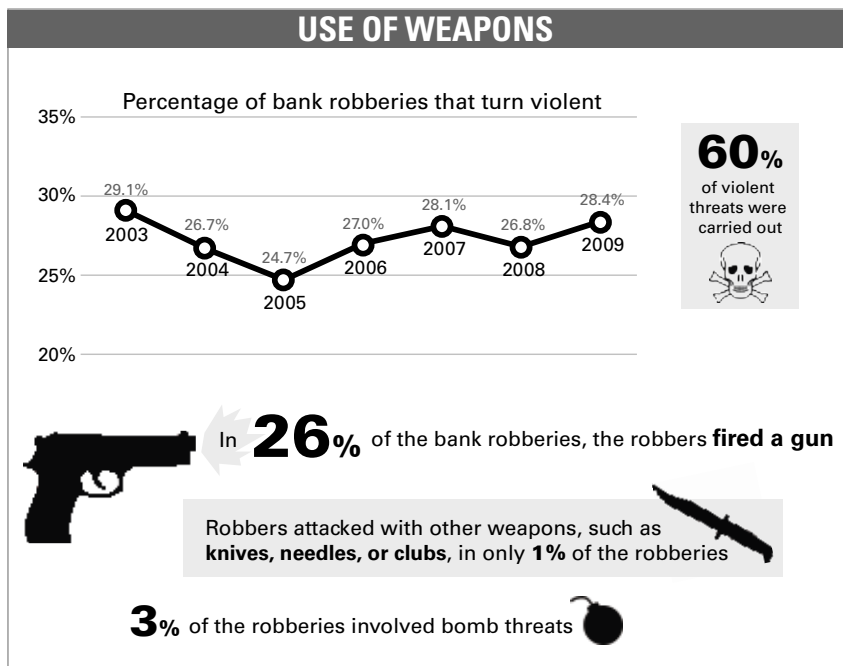
"We did a ton of research," Affleck said in the production notes. "We went to prisons and talked to former bank robbers and also met with guys at the FBI who were counter-

points to Agent Frawley, the character played by Jon Hamm. We started incorporating what we learned into the architecture of the story to bring in as much detail and verisimilitude as we could."

Over the last year, Marcinkiewicz said the FBI did a lot of work with the film's production company. This is certainly not the first time Hollywood asked for help from the Boston division of the FBI. The FBI similarly provided assistance to the producer of the movie *Surrogates*, a 2009 futuristic sci-fi thriller filmed in Massachusetts about people who live through their robotic surrogates.

According to Warner Brothers, "a number of real police officers also participated in some of the action scenes, which brought added veracity to the proceedings."

"The Boston Police, the local FBI office and other police departments in the vicinity really opened their doors to us," executive producer David Crockett said in the production notes. "We had a lot of assistance from all levels of law enforcement."



These charts, derived from quarterly and annual FBI field office data, represent statistics on bank robberies in the United States from 2003 to 2009.

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STEPHANIE LIN—THE TECH

Yoshio S. Perez '11 and Joanna E. Faulk '11 dance to traditional Mexican music played by the Mariachi Palenque. Students celebrated the Dia de la Independencia (Mexico's Independence Day) delicious food, live music, and dance on Sept. 16. This year is the bicentennial.

**MIT-CHINA
INFORMATION SESSION**



Tuesday, September 21, 5-7pm
1 Amherst Street, E40-4th floor

Discover opportunities for internships and CETI teaching in China, Hong Kong, and Taiwan — ALL EXPENSES PAID! Learn about the application process and speak with returning interns.

Food will be served.

mit.edu/misti/mit-china



event



Discussion and Q&A with Gioia De Cari

Monday, Sept. 20th - 3 PM
Killian Hall (14W-111)

Gioia De Cari received an SM in Mathematics from MIT in 1988. She currently performs in "Truth Values: One Girl's Romp through MIT's Male Math Maze," an autobiographical solo show in which she reflects with wit and wisdom on her experience at MIT, the world of elite mathematics and the role of women in science.

Meet De Cari and enter to win tickets to *Truth Values*. Also check out the new exhibit *Tell Her to Go to It: Women's Experiences at MIT* in the MIT Libraries' Maihaugen Gallery (14N-130).



TRUTH VALUES

One Girl's Romp Through MIT's Male Math Maze



libraries.mit.edu/maihaugen

More frosh seek out fraternities

Greek stats, from Page 1

actually been operating below occupancy, and so many have been trying to increase their membership.

Two fraternities, Beta Theta Pi and Phi Beta Epsilon (PBE) are currently undergoing judiciary procedures by the IFC for violations, were not allowed to extend bids. Last year, PBE had the largest pledge class out of all the fraternities. PBE had a class of 23 brothers while other fraternities averaged a class of 9.7 brothers. This year, all fraternities allowed to rush had an average freshman class of 10.7 brothers.

Men who rushed received on average 1.28 bids, about the same as last year, when the average was 1.29. Women may not receive bids from multiple sororities, and all women who complete the entire 4-day recruitment process are guaranteed a bid.

Trends in choosing where to rush and when to pledge changed slightly from the year before. According to Parra, more freshmen decided to begin the day by rushing on-campus fraternities on the first day of rush and going to off-campus fraternities at night, a reversal of past patterns.

Additionally, Parra said, "across the board, I hear that freshmen are waiting longer to pledge." So far, 257 of the 367 men offered bids have accepted.



Museum of Science.

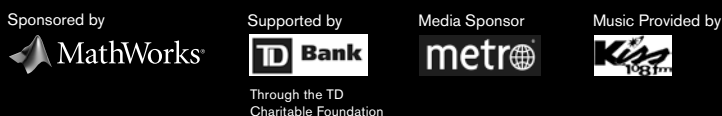
College Night

Monday, September 20 | 4:00 – 10:00 p.m.

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Jaenisch, from Page 12

extraordinary professional accomplishments" of MIT faculty. Jaenisch received the award for the 2009-2010 academic year.

The Killian award is named after James R. Killian, Jr., who was president of MIT from 1948-1959, as well as Chairman of the Corporation from 1959-1971.

Jaenisch told *The Tech* that he is a strong proponent of doing stem cell work both with all three kinds of stem cells: adult stem cells; human embryonic stem cells, which are the subject of the legal debate; and induced pluripotent cells, which behave similarly to embryonic stem cells, but are produced from adult stem cells, so do not incur the same ethical objections that embryonic cells do.

Jaenisch said that through his work with embryonic stem cells it was possible to get "better lines," and it was important to pursue work with embryonic stem cells to find cells that were more responsive to gene targeting and that were easier to grow without abnormalities.

Jaenisch called the Shery court case "absurd," saying about funding decisions: "We have a peer review system. You're judged by the quality of your research."

—John A. Hawkinson

Come visit us at the MIT 2010 Fall Career Fair on September 23, 2010 in the Johnson Athletic Center from 11 a.m. to 5 p.m.



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Solution to Sudoku

from page 6

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



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Football starts season with win

Head Coach Martinovich overhauls program, and players respond with decisive win over Becker College

By Patrick Jupe
TEAM REPRESENTATIVE

This past Saturday Chad Martinovich celebrated his first opening win as the football head coach at MIT, as the Engineers defeated Becker College 21-13. Despite a few kinks early on in the skirmish, MIT dominated the game in statistics, racking up 343 offensive yards to the Hawks' 175. The Engineers' ground attack, led by Marcel B. Sanchez '12, rushed for 252 yards and three touchdowns. Both the offense and defense played soundly. With a new attitude surrounding the team, MIT football may be back on the path to respectability after a disappointing one-win season last fall.

The first major change came after Dwight Smith, the Engineers' coach of

30 years, recently retired. A new leader for the team, Coach Martinovich, was hired, whose vision was to transform the MIT team into a competitive Division III program that the Institute can take pride in. Since his arrival, many

“Players attend meetings, similar to recitations, with coaches to learn plays, assignments, and techniques...”

changes took place on the team, most noticeably the new method of finding new players. Instead of just working with whatever players that decided to show up for the team, this year the coaching staff actively recruited play-

ers from across the country. This effort resulted in a freshman class of 26, the largest in the history of the school. In comparison, the previous class had only eleven.

Additionally, the serious attitude of the coaches and administrative staff toward football has prompted a similar response from the players. An offseason program, complete with sprinting and lifting workouts, was implemented this year for the first time. Players attend meetings, similar to recitations, with coaches to learn plays, assignments, and techniques. The in-season strength program is more structured and organized than in previous years. All of these changes have yielded a unit that is in better shape, more mentally prepared, and cohesive than ever before. The hope is that the new attitude and efforts will pay dividends in the rest of the upcoming season.

SPORTS SHORTS

Women's volleyball wins NEWMAC opener

In their NEWMAC opener, the women's volleyball team swept Mount Holyoke College, 25-8, 25-17, 25-8, on Tuesday night. The Engineers improved their overall record to 5-4.



The beginning of the match was closely played, but with the score 6-4, MIT went on a 14-2 run which broke open the set.

In the second set, the Lyons jumped out to a 5-1 lead. The Engineers battled back and gradually established a 16-10 advantage, which prompted a timeout by Mount Holyoke. Following the break, the visitors used a 5-2 spurt, but MIT countered by scoring seven of the final nine points as a block by Kelsey K. Cappelle '11 and Cecily L. Joujon-Roche '12 sealed the set.

The Engineers quickly established a 4-1 edge in the final frame, but MIT picked up eight of the next ten points to seal the victory.

Trinity P. Leonard '13 led the Engineers with 11 kills, six digs, and four aces while Kristine A. Bunker '14 tallied five kills, four blocks, and four aces.

—Paul Dill, Head Coach

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UPCOMING HOME EVENTS

Saturday, September 18

Sailing: Hatch Brown Trophy 9:30 a.m., Charles River

Football vs. Mass. Maritime Academy 1 p.m., Steinbrenner Stadium

Men's Tennis vs. UMass-Boston 1 p.m., duPont Courts

Sunday, September 19

Sailing: Toni Deutsch Regatta 9:30 a.m., Charles River

Field Hockey vs. Clark University 1 p.m., Jack Barry Field



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