

Tang may take class at BU

At latest hearing since June, judge relaxes terms of Tang's house arrest



JOHN A. HAWKINSON—THE TECH

Defendant Anna L. Tang and her attorney Robert A. George at her status conference Friday, August 27.

By John Hawkinson
NEWS EDITOR

Last Friday, in the first step since Anna Tang's trial came to an abrupt halt early this summer, the Middlesex Superior Court agreed to relax Tang's house arrest so she can attend a class in "Mobile Application Development" at Boston University's Metropolitan College on Monday evenings. The class covers the Google Android and Apple iPhone operating systems.

Tang is a former Wellesley student who stabbed Next House resident Wolfe B. Styke '10 in his room while he slept in October 2007. Tang was seeking treatment for mental illness prior to the stabbing. In late June, her trial stalled after the Commonwealth's forensic psychiatrist Alison Fife suddenly changed her opinion and decided that Tang was in some sense criminally responsible for her actions.

At Tang's next court date, September 17, the Court will hear argument on the defense's motion to exclude Fife's last-minute change of opinion. Depending on the result, the trial could continue, this time perhaps with a jury (which Tang had previously waived); or a mistrial might be declared. The judge expressed concern that Tang not be subject to "double jeopardy."

Last Friday, the status conference began with a discussion of Tang's bail. She is under house arrest with a GPS ankle bracelet, and she can leave home to attend church, exercise, and see her doctors and lawyers.

The prosecution reported that, apparently in coordination with Tang's probation officer, she has been permitted outside of her home for more than twelve hours some days, including Tang's travel time. Assistant District Attorney Suzanne M. Kontz appeared surprised by the extent of these "windows" in Tang's house ar-

Tang, Page 12

Freshmen whirl around in moment-mental fun at East Side Party



ELIJAH L. MENA—THE TECH

Freshman ride the "Merry-Go-Death" at the East Side Party last Sunday night. As the platform spins, riders stand near the edge and walk toward the center, causing the ride to spin faster.

EZRide buses will get GPS tracking in early October

MIT is still working to get GPS tracking to work on the EZRide Shuttle, which has taken over the job of the now-cancelled Northwest Shuttle. Live tracking and stop prediction will not be implemented until the first week of October according to Jeff Bennett, the project manager for the Charles River Transportation Management Association (CRTMA), the company that runs the EZRide.

In the meantime, this week the MIT Mobile app for the iPhone was updated this week to display the official schedule for the EZRide shuttles.

"We generally recommend having 15-30 days of historical data [before the tracking can accurately predict stop times]," said Thomas Noyes, director of business development at NextBus, Inc, the company that provides live tracking for MIT's shuttle buses. These data will be used to create accurate predictions for the tracking system.

According to Noyes, the installation phase of the project was finished on August 13th, and bus drivers have been logging their schedules since August 24th.

Until tracking information is available to the public, the CRTMA plans to install the NextBus system in their spare buses and set up the phone server for call-in access.

Infrared optical sensors were installed in the doorways of EZRide buses when the tracking devices were installed. The information is already currently being fed into the CRTMA.

When the tracking information for the EZRide is finally released to the public, the XML used for feeding shuttle prediction data into apps like the MIT app will also be available for mobile app developers to use.

—Joanna Kao

FEATURE

Kapoor's sculpture shines in Stata

'Cloud Gate' artist's piece is MIT's latest

By Ana Lyons
NEWS EDITOR

What once was an empty lobby at the Vassar entrance of Stata — a large space, industrial white, washed with natural-light, but shrouded in concrete — is now filled with MIT's newest addition to its public art collection. The new art piece, left untitled, is created by Anish Kapoor, a London-based artist who is most famous for his Chicago piece *Cloud Gate* (resembling a giant chrome kidney-bean). Filling the once-empty space his new oversized sculpture: a massive sheet of ultra-polish stainless steel, curved like a melted sheet of glass, diffracting light of the nearby skylight. Herds of tourists stop by each day, pausing in front of Kapoor's piece to photograph their

distorted reflections.

Here, The Tech interviews MIT's newest public art curator, Alise Uptis G '08, to get an inside look at Kapoor's newest piece and the history of MIT's public art collection. Uptis completed her graduate work in Course IV (Architecture) at MIT and also was a visiting scholar in the archive for the Center of Advanced Visual Studies. She began her position as public art curator this past August, replacing the recently retired former curator Patricia Fuller.

The Tech: How did the new Anish Kapoor piece find its way to

Public art, Page 11



SAM RANGE—THE TECH

The untitled stainless steel sculpture, by Anish Kapoor (India, b.1954), is the latest addition to MIT's public art collection.

IN SHORT

The Activities Midway is on Friday 4–6:30 p.m. in the Johnson Athletic Center! Be sure to check out all the student groups and pick up free swag!

Registration for UA Elections begins Sept. 13. Campaigning begins the same day. Find your running partner now!

The freshman housing adjustment lottery closes today at 4 p.m. Results will be out 6:30 p.m. on Wednesday at <http://web.mit.edu/housinglottery/>

Registration for physical education classes starts this Wednesday at 8 a.m at <http://mitpe.com>. Registration closes at 1 p.m. on Thursday. First come, first served.

Waffles! Music! Waffles! Come enjoy SaveTFP's first waffle night of the term tonight on the third floor of the student center, 10 p.m.–12 a.m.

Freshman registration forms are due this Wednesday at 11-120 by 5 p.m.

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

WHAT WE WISH WE HAD KNOWN

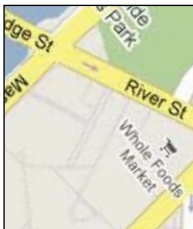
The Tech's editorial board gives you their take on how to make the most of your first year at the Institute. **OPN, p. 3**

VARIOUS STATES OF UNDRRESS

If you're going to have sex at college, don't make these mistakes. **CL, p. 10**

BROUHAHA RHYTHM

What happens when we start putting our tooling hats on. **CL, p. 10**



WELCOME TO THE NEIGHBORHOOD

Central Square is too close by and too interesting not to explore. The first of *The Tech's* guides on nearby neighborhoods. **CL, p. 9**

LEARNING TO LOVE PRO FIGHTING

How one pacifist went to a pro fighting expo and ended up learning to do a "high crotch single leg dump." **SPO, p. 15**

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Where Rev. King once stood, a tempest in a tea party rally

WASHINGTON — It seems the ultimate thumb in the eye: that Glenn Beck would summon the Tea Party faithful to a rally on the anniversary of the March on Washington, and address them from the very place where the Rev. Dr. Martin Luther King Jr. delivered his “I have a dream” speech 47 years ago. After all, the Tea Party and its critics have been facing off for months over accusations of racism.

But many of the busloads of Tea Party activists expected in Washington this weekend do not see any irony or offense. In fact, they have come to see the Tea Party as the aggrieved — its loosely affiliated members unfairly characterized, even persecuted, as extremists.

—Kate Zernike, *The New York Times*

Bernanke tamps expectations for Fed’s role in recovery

JACKSON HOLE, WYOMING — Federal Reserve officials and economists appear increasingly united in their view that the partisan gridlock on fiscal policy in Washington has clouded the prospects for a faster and stronger recovery.

The Fed chairman, Ben S. Bernanke, who has assiduously avoided taking sides in fiscal debates, said Friday that the central bank stood ready to use a variety of tools to forestall deflation, a broad decline in prices. But he made clear that the Fed could not simply conjure up a recovery by manipulating interest rates and the money supply.

Bernanke has told Congress that some additional fiscal stimulus could be helpful in supporting the recovery, as long as it was accompanied by a credible plan to gradually bring deficits under control and stabilize the ratio of debt to gross domestic product, the broadest measure of economic output.

—Sewell Chan, *The New York Times*

Medical use of marijuana costs some a paycheck

Residents in 14 states and Washington can now appeal to their doctors for prescriptions for medical marijuana to help them with their pain.

In some cases, workers have been fired for failing drug tests despite having prescriptions saying, in effect, that what they are doing is legal according to the laws of their states.

Though the number of such cases appears to be small, they are exposing a new legal gray area, with workers complaining of rights violations and company officials scratching their heads over how to enforce a uniform policy.

—Jennifer Masci, *The New York Times*

Thousands protest handling of Manila bus siege

HONG KONG — Drawn by a mixture of anger and grief, tens of thousands of Hong Kong residents poured into the streets Sunday to protest how the Philippine government handled a bus siege in Manila last Monday that ended in the shooting deaths of eight Hong Kong residents and the dismissed police officer who had taken them hostage.

Many marchers seemed to be fairly apolitical, soft-spoken members of the middle class who said they had never attended a demonstration before but were offended that the Philippine government had failed to protect the Hong Kong residents aboard the bus.

Demonstrators demanded a full investigation.

—Keith Bradsher, *The New York Times*

Israel and Palestine prepare for peace negotiations

By Isabel Kershner
THE NEW YORK TIMES

JERUSALEM — Israel’s prime minister, Benjamin Netanyahu, said he hoped the peace negotiations that are to begin next week would include meetings every two weeks between him and the Palestinian president, Mahmoud Abbas, an Israeli official said Friday.

The official, who was speaking on the condition of anonymity because he was not authorized to discuss the issue publicly, said there would “of course be input from lower levels.” He added that Netanyahu had appointed Yitzhak Molcho, a lawyer and longtime confidant, as Israel’s chief negotiator for the talks, which open with a dinner Wednesday in Washington and formally begin Thursday.

The chief Palestinian negotiator is Saeb Erekat, a peace process veteran. Erekat said on Friday that it was “premature to speak at this stage about the structure” of how the negotiations would be conducted. The priority, he said by telephone, was for Netanyahu to choose peace over

settlements; a partial Israeli moratorium on settlement construction is scheduled to expire on Sept. 26.

The Palestinians have said that they cannot continue negotiations if Israel resumes construction in the settlements.

“We really want him to be a partner,” Erekat said of Netanyahu. He added that he had worked opposite Molcho “with respect and honor in the past.”

Molcho, who has not held a government position, negotiated with the Palestinians on Netanyahu’s behalf during Netanyahu’s first term in office during the late 1990s and played a leading role in the talks that led to the Hebron and Wye accords in the framework of the Oslo process.

Dennis Ross, who was an American envoy to the Middle East from 1988 to 2000, wrote in his 2004 book “The Missing Peace — The Inside Story of the Fight for Middle East Peace,” that as Netanyahu’s negotiator in the 1990s, Molcho was “the only person Bibi trusted completely.” He was referring to the Israeli prime minister by his popular nick-

name.

Ross is a senior member of the National Security Council in June 2009.

Since Netanyahu returned to the prime minister’s office last year, Molcho has acted as his trusted emissary, meeting with Obama administration officials, among other things, to try to reach understandings on settlement construction.

For the last few months, Israel and the Palestinians have been engaged in indirect talks brokered by George J. Mitchell, the U.S. special representative to the region.

The last direct negotiations, between the Palestinians and the previous Israeli government led by Ehud Olmert, broke off in late 2008. Olmert, who led a centrist government, met frequently with Abbas to try to reach agreement on principles for a final status deal based on the establishment of an independent Palestinian state alongside Israel, while negotiating teams worked in more detail.

Those talks ended when Israel began a military offensive against Hamas.

Get the feeling that web ads are following you? They really are

By Miguel Helft and Tanzina Vega
THE NEW YORK TIMES

The shoes that Julie Matlin recently saw on Zappos.com were kind of cute, or so she thought. But Matlin was not ready to buy and left the site.

Then the shoes started to follow her everywhere she went online. An ad for those very shoes showed up on the blog TechCrunch. It popped up again on Twitpic and several other blogs. It was as if Zappos had unleashed a persistent salesman who would not take no for an answer.

“For days or weeks, every site I went to seemed to be showing me ads for those shoes,” said Matlin, a mother of two from Montreal. “It is a pretty clever marketing tool. But it’s a little creepy, especially if you don’t know what’s going on.”

People have grown accustomed to being tracked online and shown

ads for categories of products they have shown interest in, be it tennis or bank loans.

Increasingly, however, the ads tailored to them are for specific products that they have perused online. While the technique, which the ad industry calls personalized retargeting or remarketing, is not new, it is becoming more pervasive as companies like Google and Microsoft have entered the field.

More retailers like Art.com, B&H Photo, Diapers.com, eBags.com and the Discovery Channel store use these kinds of ads. Nordstrom says it is considering using them, and retargeting is becoming increasingly common with marketers in the travel, real estate and financial services industries. The ads often appear on popular sites like YouTube, Facebook, MySpace or Realtor.com.

In the digital advertising business, this form of highly personalized marketing is being hailed as the

latest breakthrough because it tries to show consumers the right ad at the right time. Others, though, find it disturbing. When a recent Advertising Age column noted the phenomenon, several readers chimed in to voice their displeasure.

With more consumers queasy about intrusions into their privacy, the technique is raising anew the threat of industry regulation.

Aaron Magness, senior director for brand marketing and business development at Zappos, said that consumers may be unnerved because they may feel that they are being tracked from site to site as they browse the Web. To reassure consumers, Zappos displays a message inside the banner ads that reads “Why am I seeing these ads?” When users click on it, they are taken to the website of Criteo, the advertising technology company behind the Zappos ads, where the ads are explained.

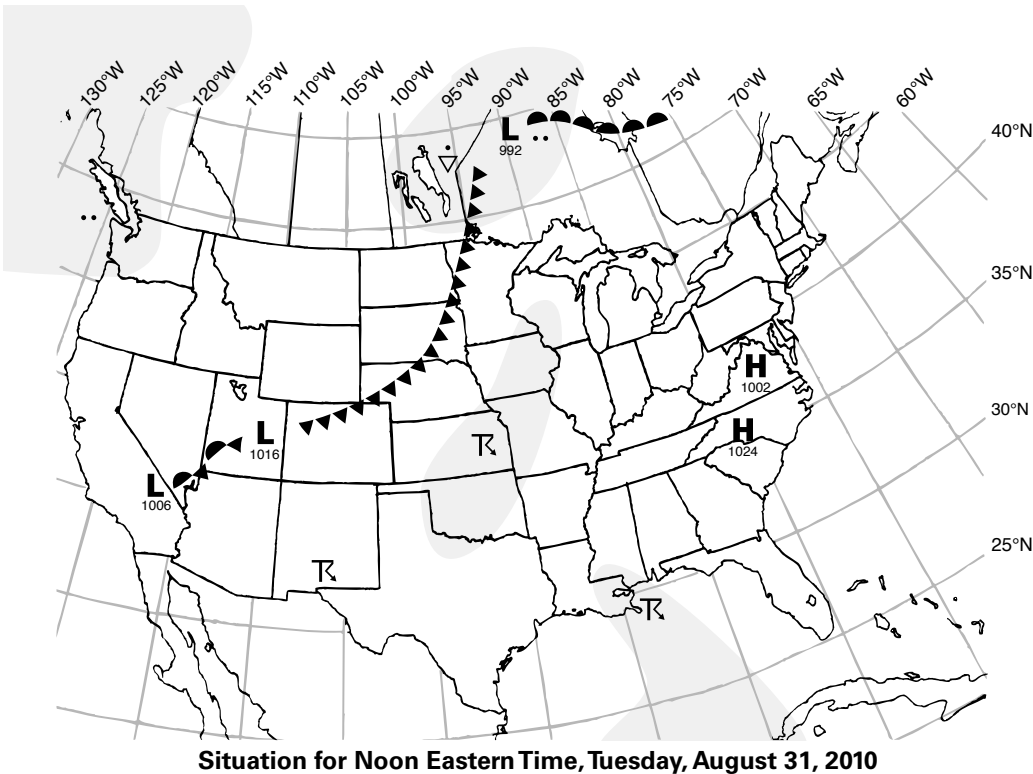
WEATHER

Earl headed our way?

By Vince Agard
STAFF METEOROLOGIST

While the Atlantic hurricane season started relatively slowly in June and July, tropical cyclones have recently become more frequent, and now a major hurricane has the potential to impact the East Coast of the United States. As of 5 p.m. last night, Hurricane Earl had become a Category 4 hurricane, with maximum sustained winds of 135 mph (217 km/h), and was situated

just north of the Virgin Islands. Furthermore, global and regional computer models bring the track of the storm close to the Massachusetts coastline on Friday afternoon. If the storm does pass close to our area, high winds and heavy rainfall can be expected for the end of the week. However, it is still too soon to know whether the hurricane will affect our area, since track forecasts for the end of the week could be off by as many as several hundred miles.



Situation for Noon Eastern Time, Tuesday, August 31, 2010

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	--- Trough	Snow: * Rain: ∇	☁ Fog
L Low Pressure	— Warm Front	Light: * Moderate: ** Heavy: ***	⚡ Thunderstorm
§ Hurricane	▲ Cold Front		∞ Haze
	◐ Stationary Front		Compiled by MIT Meteorology Staff and The Tech

Doctors heed call for medical books for Afghanistan

By Irene M. Wielawski
THE NEW YORK TIMES

Imagine cutting out a diseased appendix without ever having seen a Gray's Anatomy diagram, or calculating drug doses without a Physicians' Desk Reference, and you'll have an idea what it's like to practice medicine in Afghanistan.

Nearly three decades of war and religious extremism have devastated medical libraries and crippled the educational system for doctors, nurses and other health professionals. Factions of the Taliban, which ruled Afghanistan from 1996 to 2001, singled out medical texts for destruction, military medical personnel say, because anatomical depictions of the human body were

considered blasphemous.

"They not only burned the books, but they sent monitors into the classroom to make sure there were no drawings of the human body on the blackboard," said Valerie Walker, director of the Medical Alumni Association of the University of California, Los Angeles.

Walker is helping lead an ambitious effort by American doctors and nurses, both civilian and military, to restock Afghanistan's hospitals, clinics and universities with medical textbooks and other reference materials.

The project, called Operation Medical Libraries, began modestly in 2007 with a plea for books from a UCLA medical graduate serving in the Army. It has since been em-

braced by 30 universities and hospitals, more than a dozen professional organizations and scores of individual doctors and nurses.

"It's hard to imagine working in an environment where you don't have access to medical literature or the Internet," said one donor, Dr. Lawrence Maldonado, director of the medical intensive care unit at Cedars-Sinai Medical Center in Los Angeles.

Like most others involved in the program, Maldonado heard about it from a colleague. And word has spread among medical officers stationed in Afghanistan, who act as volunteer points of contact to shepherd books to the libraries.

Donors can contribute directly by visiting the project's website.

Sanofi-Aventis offers \$18.5 billion for Genzyme, a near-hostile bid

By Andrew Ross Sorkin and Duff Wilson
THE NEW YORK TIMES

Sanofi-Aventis, the French drug-maker, publicly disclosed its \$18.5 billion bid for Genzyme on Sunday, intensifying pressure on the U.S. biotechnology company to engage in discussions about a sale.

Sanofi approached Genzyme in June, and the two companies were engaged in friendly merger talks. But, according to Sanofi's chief executive, Christopher Viehbacher, the discussions were stifled by Gen-

zyme's management.

Genzyme's director of corporate communications, Bo Piela, said Sunday afternoon that the company would have no comment on Sanofi's statements.

In its bid, Sanofi is offering \$69 a share in cash. That represents a 38 percent premium over Genzyme's unaffected share price before speculation hit the market about a possible deal. Shares of Genzyme closed at \$67.62 on Friday.

People who have been briefed on the talks said that Termeer and Genzyme's board had pressed

Sanofi for a higher bid before they would be willing to engage in meaningful negotiations and open up the company's books to its rival. Sanofi, meanwhile, faces no apparent bidding competition, and its public statement seemed aimed at raising shareholder pressure on Genzyme to sell.

A recent survey by Reuters of European and U.S. analysts showed an average forecast of a final deal price at \$77.90 a share, with expectations ranging from \$73 to \$83.

Sanofi's move Sunday falls short of going hostile.

Residents blame illnesses on toxic gases at a BP plant

TEXAS CITY — While the world was focused on the oil spill in the Gulf of Mexico, a BP refinery here released huge amounts of toxic chemicals into the air that went unnoticed by residents until many saw their children develop respiratory problems.

For 40 days after a piece of equipment critical to the refinery's operation broke down, a total of 538,000 pounds of toxic chemicals, including the carcinogen benzene, poured out of the refinery.

Rather than taking the costly step of shutting down the refinery to make repairs, the engineers at the plant diverted gases to a smokestack and tried to burn them off, but tens of thousands of pounds still escaped into the air, according to state environmental officials.

—James C. McKinley Jr., *The New York Times*

Germany appears ready to move away from the draft

BERLIN — For the first time in more than a half-century, Germany's political leadership appears ready to end the draft, a post-World War II mandate embedded in the constitution to prevent this nation's military from ever again developing into a state-within-a-state that could impede democracy and start war.

The idea of the draft has become an anachronism in the post-Cold War world, where security concerns have shifted, demanding smaller, professional militaries to deal with hot spots around the world and to combat terrorist threats. Most of the West long ago abandoned conscription.

Chancellor Angela Merkel, also a Christian Democrat, appears ready to accept a political compromise on the subject, one that would preserve the legal requirement of conscription — to calm her own party members — but that would freeze the actual process. Experts said that a decision on the plan was expected by November.

—Michael Slackman, *The New York Times*

'Modern Family' and 'Mad Men' win at Emmys

LOS ANGELES — It was the "Glee" misfits versus the "Modern Family" brood at the Primetime Emmys here Sunday night, and the family took the top prize.

The freshman darling of broadcast television, "Modern Family" was the first ABC comedy in more than 20 years to receive the Emmy for outstanding comedy series.

The outstanding drama, for the third year in a row, was "Mad Men," the drama that put the AMC cable channel on the map.

—Brian Stelter, *The New York Times*

Freshmen!

Jump-start your career!

Freshman
Explorations

Open
House



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MIT Engineering Leadership
PROGRAM

Discover from your peers how these
two powerhouse engineering leadership
programs can help you jump-start your
career from your sophomore year onward!

Free lunch

Free snacks

Free gift!

Thursday Sept 2 12 – 1 PM 12-196

Thursday Sept 2 1 – 3:30 12-196

\$5 in Dunkin' Donuts coupons to the first 40
freshmen to bring this ad to the Open House!

[illegible][illegible][illegible][illegible]

FUN



PUBLIC ART AT MIT



Left: **Anish Kapoor (India, 1954 -),** *Untitled (Sculpture for TSMC Lobby)*. Stainless steel. TSMC Lobby, Stata Center (Bldg. 32G). Commissioned with MIT Percent for Art Fund.

Kapoor's sculpture is MIT's newest addition to its public art collection, installed this August. According to MIT curator Alise Uptis, the sculpture is 16 ft x 7 ft and weighs nearly 3500 lbs.



Above: **Frank Stella (Malden, Massachusetts, 1936-)** *Loo-hooloo*. Acrylic on fiberglass. (Bldg. 7, 3rd floor), Wolk Gallery. Gift of Elliot K. Wolk, MIT Class of 1957.

Below: **Harry Bertoia (Italy, 1915 - 1978, Barto, Pennsylvania),** *Altarpiece for MIT Chapel*. Brazed steel. MIT Chapel (Bldg. W15).



Above: **Jacques Lipchitz (Lithuania, 1891 - 1973, Italy),** *Birth of the Muses*. Bronze. Hayden Library (Bldg. 14W), west plaza. Gift of Yulia Lipchitz in Memory of Dr. Jerome B. Wisener.

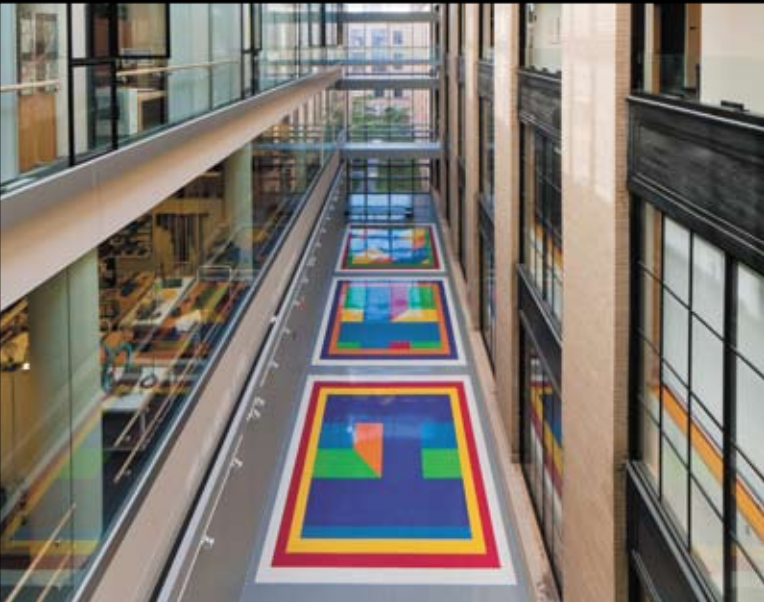


Above: **Henry Moore (United Kingdom, 1898 - 1986),** *Three-Picde Reclining Figure, Draped*. Bronze. Killian Court. Gift of the Eugene McDermott Family and Other Friends of MIT.



Left: **Alexander Calder (Philadelphia, Pennsylvania, 1898 - 1976, New York, New York),** *La Grande Voile (The Big Sail)*. Painted steel. McDermott Court. Gift of Mr. and Mrs. Eugene McDermott.

Standing at a soaring height of 40 ft and weighing a massive 33 tons, *La Grande Voile* is perhaps one of MIT's most iconic public art pieces.



Above: **Sol LeWitt (Hartford, Connecticut),** *Bar of Color within Squares*. Terrazzo floor. Green Center for Physics (Bldg. 6C). Commissioned with MIT Percent for Art Fund.



Left: **Auguste Rodin (France, 1840 - 1917),** *Large Head of Iris (Grosse Tête d'Iris)*. Bronze. Hayden Library, 2nd floor (Bldg. 14S), Humanities Library. Rodin best known for his mastery of the human form, as in his famous sculptures *The Thinker* and *The Gates of Hell*.

Right: **Pablo Picasso (Spain, 1881 - 1973, France),** *Figure découpée*. Cast concrete. Temporarily removed during Sloan School expansion project. Famous cubist.



Courtesy of the List Visual Arts Center



Above: **Edwin H. Blashfield (Brooklyn, New York, 1848 - 1936),** *Walker Memorial Mural*. Painting. Walker Memorial (Bldg. 50). Photography by Sam Range

Central Square

Who says it's the "bad" part of town?
Central is dense, creative, vibrant, and a
great place to live.

For those less inclined to walk, it's one T stop away, meaning a two-minute train ride to Kendall Square, or a 10-minute bus ride to 77 Mass Ave. Another transportation option is Saferide — the Cambridge West route stops

They do remember some “positive” attri-

I love living in Central Square. It's close enough to campus where I'll go to class, but it's far enough away to where I feel like I'm getting away from the MIT bubble. These days, I consider Central Square to be energetic, and its vivaciousness appeals to me: Think the South End with sass.



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BROUHAHA RHYTHM

How not to get around MIT

Avoiding common freshman pitfalls

By Michael T. Lin
CAMPUS LIFE EDITOR

The new fall semester approaches, bringing with it new fashions, new television seasons, and new freshmen wearing the latest fashions they saw on television. Having been a freshman recently enough to remember all of the embarrassing missteps I made (except for the ones I can't remember), it seems appropriate at this juncture to share the golden wisdom I've accumulated (both karats of it) with all of you newcomers while reader interest is still running on morbid curiosity.

One of the first surprising things I learned when I first came to MIT was how un-weird it was from day-to-day. Sure, over CPW and, to a lesser extent, orientation, we pull out all the stops, but once we get down to business during the semester, the boffers get put away until the next regularly scheduled brawl, and the proton packs and jumpsuits (for

most) are strictly "special-occasion only" wear. For those of you for whom such stifling normalcy is positively unacceptable, we do have student groups just for you to embrace your oddness, but for the most part, it's best if you resign yourself to the unfortunate fact that there isn't a new high-profile hack every week — it just isn't practical.

It's best to resign yourself to the unfortunate fact that there isn't a new high-profile hack every week

Bearing that in mind, it's vital not to act as if you know what MIT is (or should be) like on a normal day. At least for me, it was very tempting to drop statistics from the

MIT press kit or reference the one or two most memorable campus locations I saw over CPW to impress people with my utter familiarity with my new home, but it didn't earn me any brownie points and, when done particularly poorly, was only a recipe for embarrassment. That's not to say that we don't appreciate your enthusiasm before it's inevitably stamped out of you, but if you really want to curry favor, make an effort to look to us for direction. You're here, and unless you spend all of your time literally under a rock for eight semesters, you will soon understand what it's really like to live here — better to take the necessary prep time to dive in smoothly, rather than shouting "Cannonball!!" in your first week and making a spectacular but messy splash that only annoys all of the upperclassmen psetting by the pool.

Good example: Campus mailing lists are to be used, not abused. My freshman year, I made the mistake of assuming that

the dorm-wide mailing lists were available for mundane use, and started Baby's First Flame War. I choose to view as a necessary rite of passage, if only to suppress the urge to facepalm myself, significantly more painful now that I'm wearing a brass rat. If you do end up igniting a flame war that explodes unpleasantly, I recommend the "hunker down and let it run its course" approach. Elaborately-elocuted defenses never translate well over e-mail. They just don't work like they do in movies, probably due to the lack of a John Williams score. Just because one has an opinion on a flame war does not obligate one to share it. Also, be aware that an infrastructure exists to control your own mailing list subscriptions, so the benevolence you receive when e-mailing a mailing list asking to be taken off of it is largely contingent on the specific mailing list. I totally know where to find that infrastructure, but... better that you figure it out yourself. Yeah.

VARIOUS STATES OF UNDRRESS

Readme.sex

A field guide to hooking up at MIT

Dear Freshmen,

Welcome to college! I hope you're all settled into you tiny shared rooms and enjoying freedom for the first time. I bet you're excited about being able to bring someone home after a party to keep you warm in your twin extra-long without worrying about Mom and Dad next door... which is why I'm here. Froshlings, let this seasoned senior offer you some tips on hooking up in college because, seriously, hooking up in high school is *nothing* like sexing it up at MIT.

This will probably be your first time sharing a room with complete strangers. I suggest you sit down with your roommates and talk about what your rules for "private time" will be — the last thing you want is to get sexiled without your knowledge. If you know you will be having a guest over, tell the roomies as far in advance as possible. If you're dragging someone home from a party, text them. Put some sort of sign on the door (a sock?) to let them know if they come home. Try to be considerate of the fact that you're sharing a space with people whose views on sex might be different from yours. Establish boundaries and respect them — in simple terms, don't be an asshole. (If

problems arise, talk to a GRT. They are used to hearing complaints of this sort, and could be a great resource.)

Now, how do you choose who to bring home? Well, that's mostly up to you, but let me offer a few examples of Bad Decisions. Don't sleep with your TA until the semester is over. No dormcest unless you're ready to face possible awkwardness daily. Don't sleep with someone your roommate slept with, because some people are possessive over former flames. Don't sleep with anybody if you're wasted. In general, proceed with caution: You'll be in a new environment where you don't know anybody or the reputation preceding them.

As for the actual getting down to business, a few things: Make sure you're using protection. There is really no excuse; getting birth control at Medical is easy and cheap, and you can get free condoms from any MedLink or GRT. Keep the noise to a minimum or at least try to drown it out with music. Make sure to lock the door, lest you want someone to walk in on you mid-hump. Wash your sheets often — we can smell the sex on them. Some of us would rather not have sex than to do it on the top bunk, so

de-bunk if space allows. And please — this bears repeating — please, don't get it on while your roommates are in.

And please — this bears repeating — please, don't get it on while your roommates are in.

The morning after can be as tricky as the night before — should you leave at the crack o' dawn or linger for a bit? Well, easy peasy: The most gracious of hosts would let you spend the night and make the morning a bit easier by offering coffee and a shower. The most gracious of guests would try to bother the host as least as possible and leave early unless prompted to stay. Leaving early will make the Walk of Shame easier on you. Take it from me: wearing last night's sequined dress and runny makeup doesn't feel as gross when nobody is out to see you.

This being college, of course you're going to make a questionable decision and in-

evitably suffer through awkward moments as a result of a hookup. Don't ask me why, but people here love to ignore each other and pretend they never slept together. Take the high road and say hi if you see each other — you don't need to be friends; this is about politeness. When you're bumping elbows with a former flame at a bar, it'll be far easier to say hi than to stand the awkwardness.

Hooking up in college means you'll come across a lot of situations you might not know how to handle, so if there are any topics I didn't cover here, just exercise common sense or ask an upperclassman — most of us have been there before and can give good advice. College is prime time to have new experiences and do things differently, so take advantage of the next four years. And if you have a bad experience, take comfort in the fact that there are 4,000 undergrads and the chances of you running into someone you wish you hadn't bedded are quite slim.

Yours,

M.

M is a senior in Course 10. She can be contacted at undress@tech.mit.edu.

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Adding a dash of art in the land where science rules

Campus is full of treasured works on public display, from Rodin to Picasso to Calder

Public art, from Page 1

MIT? Was it designed especially for the campus?

Alise Upitis: The Kapoor piece is a new commission, and made specifically for the site. It is part of MIT's Percent-for-Art Program, where a percentage of the cost of a total building project is allocated for new works of art. And for this piece in Stata, Kapoor was invited, saw the location, and wanted to do a new work. Each building project has a site commit-

“For this piece in Stata, Kapoor was invited, saw the location, and wanted to do a new work.”

tee made up of individuals who will use the building, including faculty and/or students, the architects, MIT facilities project managers, and others. Kapoor came before he began designing the art piece and approved the site. He's seen a photo since it's installation in Stata, although he hasn't seen the finished piece on-site in person. Anish Kapoor was selected for this project in 2004.

What's really interesting to me about Kapoor's new piece in Stata, is that his other large sculptures—such as the well-known *Cloud Gate* in Chicago—are convex and this one is unusual in that it's concave. It fits the architecture of the site very well. In particular, the light patterns from the clerestory windows that the concave shape reflects works very well. Also, the piece looks as if it's almost leaning against the wall, but actually it's installed with a bracket and a steel plate holding it in place.

TT: It's a rather large piece — where from and how was it shipped to MIT? Kapoor is listed as living in London? Did the piece have to come all the way from the UK?

AU: The fabrication took place in Oakland, California, from where it was assembled and then shipped.

TT: What is the new Kapoor

statue made out of? What are the dimensions? How heavy is it?

“The light patterns from the windows that the concave shape reflects work very well.”

AU: The sculpture weighs about 3500 hundred pounds, and it is 16 ft tall and about 7 wide. It's actually uniformly shaped [rectangular and not tapered]. It's made of mirror-polished stainless steel.

TT: How does the Percent for Art Program at MIT work? How was it started?

AU: For each large building project a percentage of the building cost is allocated for art. The program began in 1968, but there's a cap for the art pieces costing \$250,000. With most projects, there are generous donors to supplement the additional cost, some who wish to remain anonymous. But we're always trying to be as economical as we can be.

TT: Is the public art initiative and the Percent-for-Art Program facing any recent budget cuts, like many other sectors of MIT?

AU: The large building projects scheduled are currently coming to an end, and there aren't any other major building projects planned for three or four years. So in that sense, there won't be any

“For each large building project a percentage of the building cost is allocated for art. The program began in 1968.”

new major pieces.

TT: What other new art pieces have recently been or will soon be put on display on campus?

AU: This year there's the Cai Guo-Qiang sculpture, Ring Stone at the new Sloan Building and the Richard Flesicher seating installation in the Media Lab courtyard. There will be a new piece by Scottish artist Martin Boyce installed in the David H. Koch Institute for Integrative Cancer Research in December, in the first floor, that will be a sculptural wall piece.

TT: What is the role of the public art curator?

AU: It's always very much a group project among the staff. The public art curator coordinates and oversees the selection of artists and artworks and the installation of new works, as well as the maintenance of existing pieces—because they're often outside, they're subject to

“MIT's history surrounding the visual arts is very interesting... it's really evidence of a dialogue with MIT's prominent history surrounding science and engineering.”

vandalism or simply the weather, and such pieces require constant monitoring. The public art curator also works to supplement our student loan art program with around fifteen new works annually.

TT: How can a student get art from the student loan art program?

AU: The student loan art exhibition will open September 7. The works are hung in the List galleries on the first floor of E15, and individual students or student groups may register their top three selections for works. A lottery system then determines who is able to receive the works. It's very popular, and we always have to turn students away, which is unfortunate

TT: How did the public art col-

lection at MIT get started? When did it get started?

AU: The first work of public art was a gift from Mr. and Mrs. Samuel A. Marx, and they commissioned Dimitri Hadzi to complete the bronze artwork Elmo installed outside of Hayden library. That was in 1961. In 1963, The Big Sail was commissioned by funds made available by Mr. and Mrs. Eugene McDermott. And it's grown from there.

TT: Why did MIT decide to go with more of a public art initiative than sustain a small gallery?

AU: Well, the List has a really excellent gallery with temporary exhibitions. I find it quite impressive that we can install, and produce a catalog to go along with, four or five exhibitions a year, exhibitions of contemporary artist. The permanent collection is comprised of the public art collection, the student loan artworks, and the works that the fortunate staff and faculty can borrow for their offices. MIT's history surrounding the visual arts is very interesting and rather idiosyncratic... it's really evidence of a dialogue with MIT's prominent history surrounding science and engineering.

TT: What sort of upkeep for these statues is needed?

AU: They all require regular cleaning, those that are painted all need regular painting. And because the environment is not that of a traditional museum and can't be so controlled, the works outside get a lot of wear and require specialized conservation treatments. The Kapoor sculpture, in particular, is very

It seems to be a little-known fact that MIT actually owns art pieces from several very famous artists, like Picasso and Rodin.

easily scratched.

TT: I noticed all of the toddler sized figure prints the other day...

AU: [Laughs] Yes, I actually cleaned it this morning.

TT: Where do the funds for upkeep come from?

AU: We are currently building an endowment for conservation and preservation, but haven't yet reached our goal for that.

TT: It seems to be a little-known fact among students here that MIT actually owns art pieces from several very famous artists, like the

“And please don't hack the art. We love the creativity at MIT, but not when it damages the artwork.”

Picasso by Sloan and the Rodin in Hayden library. How did MIT acquire these pieces, in particular?

AU: The Picasso was purchased through funds made available by an anonymous donor, and that will be re-sited in the upcoming year [it was moved to storage due to construction in Sloan]. And we haven't decided where we're going to resite it yet. The Rodin was purchased.

TT: How can students and MIT community members take full advantage of MIT's public art collection?

AU: The public art is everywhere at MIT, and in recent years a number of works have been installed in new MIT dorms, such as the Dan Graham in Simmons Hall or the Lawrence Weiner in Ashdown House. If you've ever used the treadmill or pool at Zeisner, you've spent time with the Matthew Ritchie Games of Chance and Skill. We also offer public art tours, and have a grant from the Institute of Museum and Library Services to create podcast for much of the public art collection. . However, anyone can download our public art map at <http://listart.mit.edu/map> and take a self-guided tour.

TT: How can students help preserve the art?

AU: They can appreciate the art by looking and not touching. And please don't hack the art. [Laughs]. We love the creativity at MIT, but not when it damages the artwork.

Musical microwaves? Electric harmonicas? Flesh-eating house plants? Your very own microscope? Did you bring something strange or usual to deck out your dorm room at MIT?



The Tech wants to know about it! Email weird-things@the-tech.mit.edu and have YOUR weird thing featured in a special spread this fall.

Send a brief description and your dorm of residence to weird-things. The Tech will chose up to 15 entries to feature in an upcoming issue. Winners will also receive a five dollar Toscanini's gift card. The quirkier the better, but keep it legal, please.

Solution to Easy Sudoku

from page 7

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

Solution to Crossword

from page 7

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

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Solution to Hard Sudoku

from page 7

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

Tang may take class on apps

Judge approves mobile apps class, denies five other requests

Tang, from Page 1

rest, saying she had just learned of them.

Defense attorney Robert A. George said claims of Tang being out for over twelve hours were incorrect, and said “such a claim twists

the reality of the amount of time she is out.” George added that “she is doing no wrong and is bothering no one” or her probation officer would have recorded a violation.

Tang’s probation records and the specific windows punched are not public records, according to acting

chief probation officer Maureen J. McEachern.

The Court heard oral argument on the defense’s motion to enlarge Tang’s bail conditions, a six-point motion. Judge Bruce R. Henry granted the first of six requests, that Tang be allowed to take a single class at BU. The Commonwealth argued against that request, noting that the original crime occurred on a university campus.

The judge strongly denied the sixth request, that Tang be allowed to travel to Cambridge for a bible study class — the judge acknowledged Styke’s continued enrollment at MIT as a factor, even though Tang would still be prohibited from the MIT campus.

The Court also denied Tang’s four other requests “at this point.” Tang will not allowed to attend ballet classes; volunteer at a Quincy church; attend the Ukelele Union of Harvard, Mass.; or visit a series of friends in Somerville, Brighton, and Newton for lunch or dinner.



Assistant District Attorney Suzanne M. Kontz argues against Tang’s request to attend a mobile app development class at Boston University. Tang has been under house arrest since late 2007.

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Police Log

The following incidents were reported to the Campus Police between April 19 and May 31. The dates below reflect the dates the incidents occurred. This information is compiled from the Campus Police’s crime log. The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

- Apr 29 Bldg. NE48 (700 Tech Square), 9:00 a.m., fraud by check.
- Apr 21 Bldg. E15 (20 Ames St.), larceny of computer, lighting, and projector.
- May 5 Bldg. 42 (59 Vassar St.), 3:35 p.m., recovered stolen property.
- May 9 Bldg. 16 (21 Ames St.), 9:37 a.m., suspicious person issued trespass warning.
- May 6 Bldg. E17 (40 Ames St.), 3:00 p.m., report of larceny of wallet from desk.
- May 6 Main Lot (60 Vassar St.), 12:53 p.m., malicious damage to vehicle.
- May 10 Bldg. E14 (75 Amherst St.), 1:50 p.m., suspicious phone call received.
- May 10 Bldg. E51 (70 Memorial Dr.), 11:35 a.m., attempted larceny, witness states subject fled area with the reporting party following him on foot. Lawrence A. Bruno of Dorchester, MA, charged with attempt to commit a crime, and other related charges.
- May 10 Bldg. W70 (471 Memorial Dr.), 12:15 a.m., officers respond to a report of a suspicious male. Responding units spoke with subject and escort subject off property, issuing a trespass warning.
- May 11 Bldg. 7 (77 Massachusetts Ave.), 11:17 a.m., bike secured with a cable stolen.
- May 6 E51 Lot, 7:30 a.m., hit and run damage to a vehicle.
- Apr 27 Bldg. W20 (84 Massachusetts Ave.), 4:39 p.m., report of two shoplifters, trespass warning issued.
- Apr 27 Bldg. W20 (84 Massachusetts Ave.), 5:50 a.m., report of homeless individuals on W20-2. Trespass warning issued.
- Apr 26 Bldg. 3 (33 Massachusetts Ave.), 12:30 p.m., report of bike stolen from building 13 bike rack area.
- Mar 15 Bldg. 64 (21 Ames St.), 6:00 a.m., larceny of outdoor equipment.
- Apr 24 Theta Xi (64 Bay State Rd.), 9:00 p.m., fraudulent use of credit card.
- Apr 29 Bldg. W89 (291 Vassar St.), 4:00 p.m., bike stolen from W71.
- Apr 29 Bldg. W34 (32 Vassar St.), 5:30 p.m., gym locker broken into and personal property stolen.
- Apr 28 Westgate, 6:00 p.m., officer takes report in regards to larceny of a bicycle.
- Apr 22 Bldg. 50 (142 Memorial Dr.), 12:00 p.m., detective unit takes report of harassing phone calls.
- Apr 28 Bldg. 6 (181 Memorial Dr.), 7:48 p.m., reports of a function going on and a homeless person in the area eating the food. Person located and sent on his way.
- May 13 Bldg. 56 (21 Ames St.), 8:20 a.m., bike stolen. Victim believes he say bike for sale on craigslist.
- May 4 Bldg. NE49 (600 Tech Square), 2:00 p.m., stolen laptop.
- May 13 Bldg. 68 (31 Ames St.), 2:00 p.m., stolen wallet.
- May 12 Bldg. 11 (77 Massachusetts Ave.), 6:00 p.m., speakers stolen.
- May 13 Chi Phi (32 Hereford St.), 3:11 a.m., reported smoke showing. All MIT police units responding. Report small electrical fire in area of third floor, contained to that area. Boston Fire clears occupants to return.
- May 10 428 Memorial Dr., 5:00 a.m., radio stolen from a vehicle parked on Fowler St.
- May 23 Bldg. E55 (60 Wadsworth St.), 2:24 a.m., report of homeless person in the foyer of building.
- May 22 Bldg. 16 (21 Ames St.), 7:15 p.m., bike larceny.
- May 21 Bldg. 32 (32 Vassar St.), 5:22 p.m., Randa Seif of Cambridge, MA, taken into custody on a warrant.
- May 18 Bldg. 17 (70 Vassar St.), 6:00 p.m., laptop stolen from office area.
- May 25 Bldg. 32 (32 Vassar St.), 6:15 p.m., report of illegal dumping into a dumpster.
- May 7 Bldg. E19 (400 Main St.), 3:00 p.m., tool stolen.
- May 5 Bldg. N51 (275 Massachusetts Ave.), 2:06 p.m., report of a suspicious package.
- May 22 Bldg. E2 (70 Amherst St.), 2:00 p.m., party reports Brass Rat ring was stolen.
- May 26 Bldg. 3 (33 Massachusetts Ave.), 1:16 p.m., report of a suspicious package with a button and a battery attached to it. Checked out okay.
- May 26 Bldg. 46 (46 Vassar St.), 10:15 a.m., party reports bicycle was stolen.
- May 26 Bldg. E52 (50 Memorial Dr.), 10:28 a.m., report of a suspicious package. Cambridge Fire and Cambridge Police Bomb Squad dispatched and en route. State Police notified of incident.
- May 31 Bldg. NW10 (143 Albany St.), 2:45 p.m., vehicle broken into and GPS stolen.
- May 30 Nu Delta (460 Beacon St.), 8:30 p.m., vehicle broken into.
- May 30 Bldg. 68 (31 Ames St.), 7:35 p.m., person on construction site.
- May 30 Vassar St. and Dreyfoos side bike racks, 3:36 p.m., caller reports witnessing 2 males 13-15 yoa snapping bike tools from work station near bldg. 32.
- May 29 Bldg. 4 (182 Memorial Dr.), 11:45 p.m., homeless person issued trespass warning.
- May 28 Bldg. 34 (50 Vassar St.), Eva Morales AKA David Morales, homeless, arrested for trespassing.
- May 27 Bldg. 32 (32 Vassar St.), 9:00 a.m., report of stolen bike.

COMPILED BY JOSEPH MAURER



ELIJAH L. MENA—THE TECH

Party-seekers dance late Sunday night at the East Side Party, held in the East Campus Courtyard.



JINGYUN FAN—THE TECH

The dance group PROject Nailz film a video for Ke\$ha's "Never Know About Love." From left to right: Stephanie S. Shim '10, Cindy Ko (Tufts '12), Sarah Elentukh (BU '10), Amelia Laughton '06, and Tovah Heller (Cornell '03).



ELIJAH L. MENA—THE TECH

Danny Chiao '14 (left) and George T. Cheng '14 add the final gummy bears to a gingerbread house during the "Games, games... Graham Simmons?" REX event held by Simmons Hall on Sunday night.

He came that we might have **life**, and have it more **abundantly**.



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Supply Chain Strategy

Graduate students interested in supply chain strategy are invited to enroll in a series of two half-term courses, designed to impart the latest thinking in the supply chain strategy domain. The material was developed at MIT's Center for Transportation and Logistics, by the Supply Chain 2020 Project team, according to the '*strategy as practice*' school of thought. Each session combines theoretical discussion with hands-on exercises. The cases used in class are based on *real problems* of actual companies, which are presented and discussed using *real data*.

ESD.931 Supply Chain Strategy: Improving Functional Alignment (Units: 3-0-3; First Half.) Students will learn through practice specific techniques to capture, evaluate and reformulate a supply chain strategy, improving, among other things, its alignment with the business strategy.

ESD.932 Supply Chain Strategy: Preparing for the Future (Units: 3-0-3; Second Half.) Students will learn a systematic approach to uncover assumptions and biases by developing mental maps and to use scenario thinking to prepare a firm's supply chain strategy for step changes.

Schedule: Tue & Thu / 1:00-2:30 pm - **Room:** E51-057

Instructors: Dr. Mahender Singh, Director SC2020 Project.

Dr. Roberto Perez-Franco. Shardul Phadnis (PhD Candidate).

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Make no mistake: In China, state-run firms rule

Despite years of private-sector growth, China still favors a top-down approach

By Michael Wines
THE NEW YORK TIMES

During its decades of rapid growth, China thrived by allowing once-suppressed private entrepreneurs to prosper, often at the expense of the old, inefficient state sector of the economy.

Now, whether in the coal-rich regions of Shanxi province, the steel mills of the northern industrial heartland, or the airlines flying overhead, it is often China's state-run companies that are on the march.

As the Chinese government has grown richer — and more worried about sustaining its high-octane growth — it has pumped public funds into companies that it expects to upgrade the industrial base and employ more people. The beneficiaries are state-owned interests that many analysts had assumed would gradually wither away in the face of private-sector competition.

New data from the World Bank show that the proportion of industrial production by companies controlled by the Chinese state edged up last year, checking a slow but seemingly inevitable eclipse. Moreover, investment by state-controlled companies skyrocketed, driven by hundreds of billions of dollars of government spending and state bank lending to combat the global financial crisis.

They join a string of other signals that are fueling discussion among analysts about whether China, which calls itself socialist but is often thought of in the West as brutally capitalist, is in fact seeking to enhance government control over some parts of the economy.

The distinction may matter more today than it once did. China surpassed Japan to become the world's second-largest economy this year, and its state-directed development model is enormously appealing to poor countries. Even in the West,

many admire China's ability to build a first-world infrastructure and transform its cities into showpieces.

Once eager to learn from the United States, China's leaders during the financial crisis have reaffirmed their faith in their own more statist approach to economic management, in which private capitalism plays only a supporting role.

After decades of economic reform, many big state-owned companies face real competition and are expected to operate profitably.

"The socialist system's advantages," Prime Minister Wen Jiabao said in a March address, "enable us to make decisions efficiently, organize effectively and concentrate resources to accomplish large undertakings."

State vs. private

The issue of state versus private control is a slippery one in China. After decades of economic reform, many big state-owned companies face real competition and are expected to operate profitably. The biggest private companies often get their funding from state banks, coordinate their investments with the government and seat their chief executives on government advisory panels.

Chinese leaders also no longer publicly emphasize sharp ideological distinctions about ownership. But they never relaxed state control over some sectors considered strategically vital, including finance, defense, energy, telecommunications, railways and ports.

Wen and President Hu Jintao

are also seen as less attuned to the interests of foreign investors and China's own private sector than the earlier generation of leaders who pioneered economic reforms. They prefer to enhance the clout and economic reach of state-backed companies at the top of the pecking order.

"China's always had a major industrial policy. But for a space of a few years, it looked like China was turning away from an active and interventionist industrial policy in favor of a more hands-off approach," Victor Shih, a Northwestern University political scientist, said in a recent telephone interview.

Shih, among others, now believes that the 1980s reforms that unleashed China's private sector and the 1990s reforms that dismantled great swaths of the state-run sector are being partly undone.

"The problem is that the reforms of the first 20 years, from 1978 to the end of the '90s, actually did not touch on the power of the government," said Yao Yang, a Peking University professor who heads the China Center for Economic Research. "So after the other reforms were finished, you actually find the government is expanding, because there is no check and balance on its power."

Divining government's role

There are no comprehensive statistics to catalog the government's influence over the economy. So the shift is partly inferred from coarse measures like the share of financing in the economy provided by state banks, which rose sharply during the financial crisis, or the list of the 100 largest publicly listed Chinese companies, all but one of which are majority state owned.

The statistic showing an uptick in the share of industrial production attributable to the state sector is regarded by some analysts as a blip rather than the start of a trend. The World Bank's senior economist

in Beijing, Louis Kuijs, said the state sector's unusually rapid growth will most likely moderate with the ending of the government's stimulus spending.

"As the growth process normalizes again, the traditional trend toward a declining SOE share will take over again," he wrote in an e-mail message, using the shorthand for state-owned enterprise. "I don't think that the senior leaders had a strategy of reversing this trend."

But others argue that officials had always intended to create a vibrant state sector that would tower above the private sector in important industries, even as they sold off or shut down money-losing state enterprises that drained capital from the government budget and banking system.

Recent alarm over the expanding role of the state, said Arthur Kroeber of Dragonomics, an economic forecasting firm based in Beijing, is mostly "perception catching up with reality."

Chinese leaders also no longer publicly emphasize sharp ideological distinctions about ownership.

In some ways, the differences in this debate are small. Everyone agrees that China runs a bifurcated economy: at one level, a robust and competitive private sector dominates industries like factory-assembled exports, clothing and food. And at higher levels like finance, communications, transportation, mining and metals — the commanding heights — the central government claims majority ownership and a measure of management control.

Yet the two camps' view of China's future are markedly different.

Those who see little evidence of an expanding state sector generally believe that China has a decade or more of robust growth awaiting it before its economy matures. Theirs is a Goldilocks view of state intervention — not too much or too little, but just enough to push a developing economy toward prosperity.

The skeptics have a darker view: They believe distortions and waste, in no small part due to government meddling, have resulted in gross misallocation of capital and will end up pushing growth rates down well before 2020. What drives their pessimism, the skeptics say, is that China, like Japan a generation ago, has too much confidence in a top-down economic strategy that defies conventional Western theory.

The skeptics also point to what they say is the growing political and financial influence of China's state-owned giants — 129 huge conglomerates that answer directly to the central government, and thousands of smaller ones run by the provinces and cities.

While no public breakdown exists, most experts say the vast bulk of the 4 trillion renminbi (\$588 billion) stimulus package that China pumped out for new highways, railroads and other big projects went to state-owned companies. Some of the largest companies used the flood of money to strengthen their dominance in their current markets or to enter new ones.

"In 2009, there was a huge expansion of the government role in the corporate sector," Huang Yasheng, a leading analyst of China-style capitalism at the Massachusetts Institute of Technology, said in a telephone interview. "They're producing yogurt. They're into real estate. Some of the upstream state-owned enterprises are now expanding downstream, organizing themselves as vertical units. They're just operating on a much larger scale."

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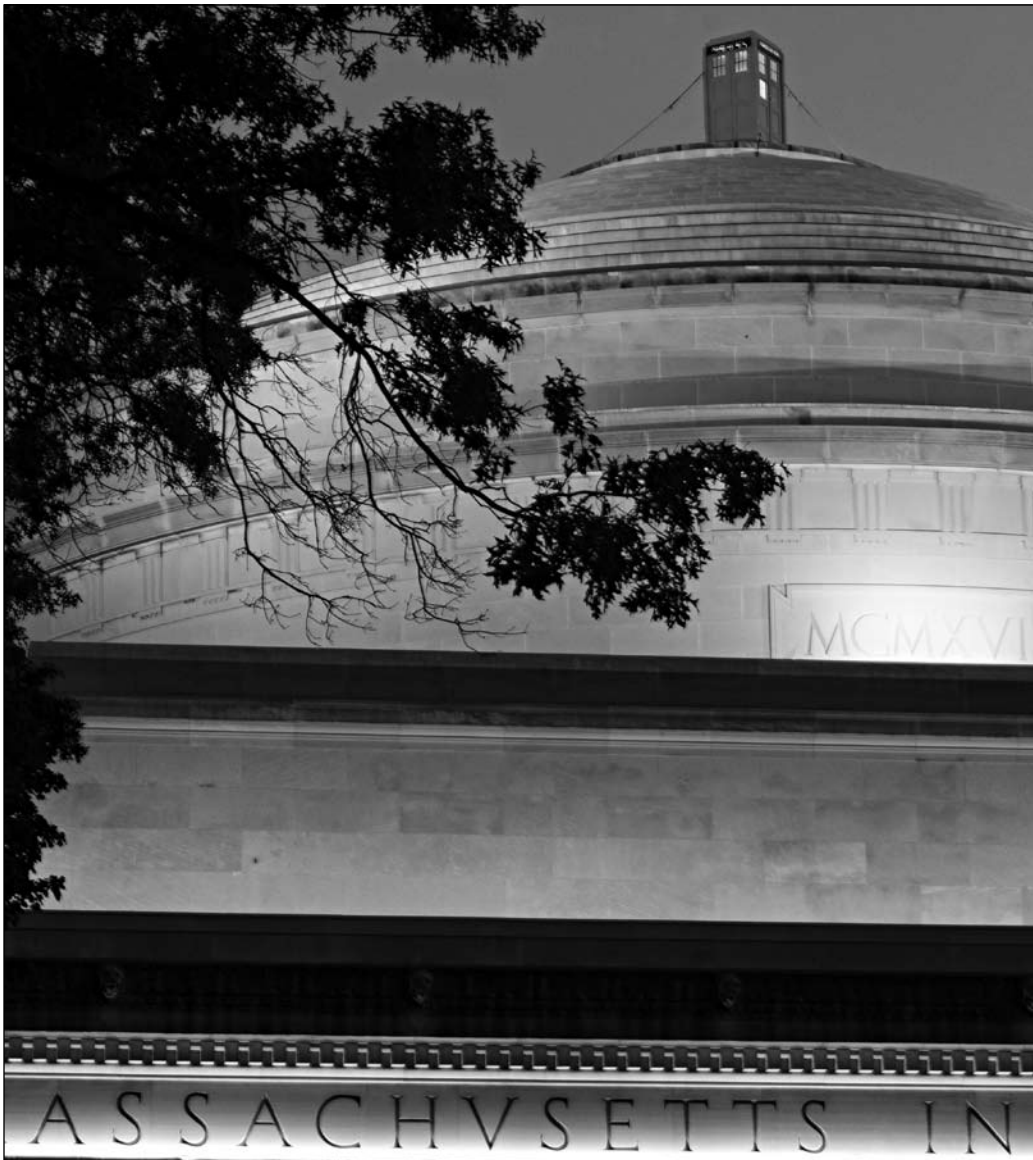
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ERIC D. SCHMIEDL—THE TECH

Yesterday morning, the illuminated Dr. Who police box was “teleported” by hackers from the roof of Building 7 to the Great Dome. On the British science fiction show, the box is actually the TARDIS, a “Time And Relative Dimension In Space” craft.



The Art of UFC

I hate violence, but immersing myself in the UFC Fan Expo helped me grow to appreciate MMA fighting

By Joanna Kao
STAFF REPORTER

I’m not a sports fanatic in any sense. I don’t follow the Red Sox or the Bruins, and I absolutely hate seeing blood or watching people get punched out.

So the idea of me going to the Ultimate Fighting Championship (UFC) Fan Expo sounds like an utter disaster, right? Actually, no. I left the two-day event at the Hynes Convention Center last weekend with a newfound appreciation for the sport and greater admiration for the fighters.

Going into the expo, I was apprehensive at first. I worried that I was going to faint from seeing a lot of blood. But once I stepped into the convention hall, it was impossible not to get caught up in all the excitement that everyone was feeling (even though I had only learned what “UFC” stood for days before).

This was first time that the UFC had ever been to Boston. Bruce Buffer, the main announcer for the UFC, said, “The people that come to the show [are] going to see an experience... that’s probably far beyond any great rock concert they’ve ever been to. The excitement level is beyond imagination.”

The two-day fan expo was packed with autograph signings, question-and-answer sessions with prominent figures from the UFC, training and development sessions with professional fighters, and exhibitions by hundreds of vendors, all leading up to UFC 118: Edgar vs. Penn 2, the big fight that happened Saturday night.

What struck me was how freely the fighters mingled with the fans. Within the first ten minutes of stepping into the exhibition hall, I ran into my first fighter, Clay “The Carpenter” Guida. Literally. I had been walking around, somewhat blindly and looking lost, when I turned around and found Guida directly in front of me. He looked at me, extended his hand, and said, “Thanks for coming.” He posed for a photo and continued on, leaving fans in his wake gushing, “Oh my god, I can’t believe that just happened.” I have to admit, even I was a little starstruck.

Many of the fighters almost blended into the crowd while walking around the exhibition hall. I didn’t really know who any of the famous fighters were, but it was easy to figure out. The crowd would gasp and point as the fighters walked through.

Later, I interviewed welterweight champion Mike “Quicksand” Pyle.

As I pulled out my voice recorder, Pyle gestured toward it. “Closer!” he said. I inched the recorder toward his face. “A little closer!”

Faster than I could react, he twisted his head forward and chomped down on my wrist.

He grinned at me. Pyle was a jokester. When I told him I was from MIT, he said, “MIT? I don’t even know how to spell that. Oh wait, I just did.”

He also gave a shoutout to his MIT fans. “MIT people. Thanks for tuning in with us. We appreciate it. It’s all you guys who support us who keep us going,” he said.

The lines for autographs moved quickly on Friday morning, but grew as the event progressed. Some took as long as two to three hours to get through, especially for top fighters such as light heavyweight

champion Mauricio “Shogun” Rua.

I got the opportunity to talk to Ryan Bader, a top-ten ranked light heavyweight fighter, at an autograph signing early Friday morning. “[My] favorite part is giving back to the fans and then interacting with them,” he said. “That’s what really makes the sport, and that’s what’s great about MMA.”

One of the most interesting events at the fan expo was the training and development sessions. For \$100, fans got to attend a two hour workshop with a fighter to improve their MMA techniques, learn warm-ups, and acquire coaching tips.

It was interesting to watch and learn from the best (although the room wasn’t the best smelling room after the first ten minutes). I had no knowledge of any MMA techniques, but I was still able to pick up some intense warm-ups and a few simple moves such as the “high crotch single leg dump” (watch out — don’t jump me in dark alleys). The fighters gave every participant individual attention, even in the larger sessions where there were 30-40 people.

The most popular events were the question-and-answer sessions with Chuck Liddell, a UFC Hall of Famer, and Dana White, the president of the UFC. Liddell got declarations of love, questions about his plans for the future, and whether he would fight Tito Ortiz, referring to a controversy from April where they were scheduled to fight but Ortiz pulled out due to an earlier injury.

At White’s Q&A, a fan in the audience told a touching story about her husband’s success in the amateur fighting circuit before being diagnosed with multiple sclerosis just a few weeks prior.

The final scheduled fan expo event was the “Are You Smarter Than a UFC Octagon Girl” contest. This featured two UFC “octagon girls” — assistants to the fighters in the ring — Arianny Celeste and Chandel Powell, and fans were tested on UFC trivia against the girls. I didn’t find this as exciting because 1) I’m not into watching scantily-clad women as much as some of the other UFC fans are and 2) I don’t know much about UFC.

While all these events were going, there was also a grappling tournament held by Grappler’s Quest. Grappling is essentially MMA without strikes. Over 500 fighters signed up to compete, and these matches were fun for spectators, since they were able to watch the techniques the grapplers were using up close.

The main event for the Grappler’s Quest was the Super Fight. Over the course of two days, there were four super fights. All the fights started out slowly, but by the last 90 seconds of the match, the grappling had picked up and the crowd cheered with each reversal (switch of positions).

In all, I found the event to be very eye-opening and a great introduction to the UFC. I found myself looking up UFC results first thing the next morning. Since the event, I’ve had a very different view of the UFC. Before going, I thought that the UFC was filled with angry people who just liked watching people beat each other up; now, I learned that the UFC is filled with fighters who work extremely hard in training and want nothing more but to provide people with entertainment. I can’t wait until the next time they make a stop in Boston. I’ll definitely be there.



This weekend at the UFC Boston Fan Expo, fans were treated to autograph sessions, one-on-one training, and entertaining fights.

(clockwise from top left)

UFC lightweight fighter Clay C. Guida signs autographs for a fan Friday morning.

Former Olympic wrestler and UFC heavyweight champion Mark Coleman (center right) poses with fans in the exhibition hall.

Canadian Mixed Martial Arts fighter Shawn Tompkins (right) teaches a right hook during a training session. He emphasized starting with a jab and punching with the shoulders.

Two Brazilian Jiu-Jitsu fighters compete in Grapplers Quest, a grappling tournament held at the UFC Fan Expo August 27 and 28.

Photography by Joanna Kao

UFC 118: Edgar vs. Penn Takes Boston by storm

At 7:20pm on Sunday, the TD Garden was in complete excitement for UFC 118. This was the first time that the UFC had been in Boston. Tickets went for anything from \$75 to \$4500, and some fans had even lined up outside of the box office at midnight when the tickets were released to guarantee the best seating possible for the event. According to Fightline, 15,575 fans attended the event. Official numbers will be released next week.

The night began with six preliminary bouts leading up to the featured fights. The fight between Joe Lauzon and Gabe Ruediger brought the most cheers since Lauzon is a local, coming from Bridgewater, MA. Lauzon didn’t disappoint and won with an armbar that produced a tapout in the first round.

In the next three main card bouts, the crowd cheered the most for Kenny Florian, a native of Brookline, MA. However he, unlike his fellow Massachusetts native, Lauzon, was unable to defeat his opponent Gray Maynard. Maynard took the win in a three round unanimous decision.

One of the fights that had the biggest

buzz was the match between Randy Couture and James “Lights Out” Toney, the current International Boxing Association heavyweight champion. For years, boxers had claimed to be better than MMA (mixed martial arts), and finally Toney took on the challenge to fight against an MMA fighter.

Dana White, the president of the UFC, had been rooting for a win for Couture to solidify MMA’s place in the sporting world. During the question and answer session at the fan expo on Saturday, White said, “I’m nervous about the fight. When it begins, my heart’s going to be pounding.” White had nothing to worry about. Couture said during the official weigh-in on Friday, “I look forward to welcoming James Toney to MMA,” and he certainly did. Couture won against Toney by submission during the first round, tapping him out using a triangle choke.

The night’s featured fight was the rematch between BJ Penn and Frankie Edgar for the UFC lightweight championship title and belt. BJ Penn was the title holder for the division until their match in April at UFC 112 where Edgar stole away the title. Edgar’s win left many questioning whether the fight and outcome was fair or a fluke. However, Saturday’s result was clear and solidified Edgar’s standing at the very top of his division. Edgar won all five rounds with his great striking speed and movement.

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Look to The Tech for campus, local, and world news and entertainment twice weekly during the term. The Tech will report on Orientation and your Commencement, your class elections and class hardships. In text and pictures, it will preserve the scandals, prizes, performances, sports events, and jokes that mark your time here. Years from now this newspaper will stand as a record of what MIT was like when you were here.

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