MIT’s 146th Commencement exercises will take place this morning on Killian Court, where more than 2,400 graduating students will receive about 3,200 degrees. According to Registrar Mary Callahan, for the Academic Year 2011-2012, L03 bachelor’s degree, 1,605 master’s degrees, 179 Engineering Degrees, and 573 doctoral degrees were awarded. These figures include September and February graduation. At today’s ceremony, 339 underdgrade students and 1,454 graduate students will be present to receive their diplomas.

According to Associate Director of MIT Career Services, Deborah L. Liveran, who cited figures from this year’s senior survey, 38 percent of respondents said they will be attending graduate school after graduation, 52 percent will be working, 4 percent will be enrolled in some other educational program, and 1 percent will be participating in a distinguished fellowship. 84 percent of seniors and graduating students in orientation grows

No major Midway changes
By Jessica J. Pourian

The Review Committee on Orientation’s (RCO) final report, which was released in April, and an accompanying MIT News Office press release, misleadingly suggested that individual FSILGs would be able to participate in the Orientation Activities Midway. Individual fraternities, sororities, and living groups (FSILGs) will not have booths at the Midway, but the broad FSILG presence during Orientation will be expanded for informational purposes, according to MIT officials. “Independent of the question of when rush occurs is the matter of allowing fraternities, sororities, and independent living groups to be involved during Orientation in events such as Activities Midway,” said the RCO’s report. “Because of the important and positive role these groups play on campus, we can see no reason for a blanket ban against their participation in Orientation and recomended that all such bans be lifted.”

FSILG participation in orientation grows

By Jessica J. Pourian

Reif’s ascension to the presidency solidified MIT’s commitment to the project. “I believe MIT should focus on Institute-wide innovations in teaching and learning,” he said, adding that “every effort has already been devoted to teaching us incredible students”.

Reif has spent the past several months leading the MITx and edX initiatives, partnering with Harvard University and committing $30 million to the project. Reif’s ascension to the presidency solidifies MIT’s commitment to using online technologies to try to enhance residential education. In addition to improving education at the Institute, edX is billed as an open platform to be made available worldwide, and other universities may soon join the effort.

As provost, Reif served as the top academic officer at MIT for seven years—meaning that he was chiefly responsible for planning and budgeting of the Institute’s education and research programs. But he will assume the presidency after a tough year for student life at MIT, with the deaths of three students and one of a recent alumna. Reif suggested he may hold president “office hours” for community members to come visit him. He stressed the importance of getting to know students. It’s “the only way I get to know what’s happening,” he said, adding that he plans to “immerse” himself in student culture through feedback and discussions with the Chancellor’s office.

In a later speech to faculty, students, and staff, Reif asked the community to “please be candid with me” as he embarks on a listening tour around MIT. “I love the fact that the people of MIT tell you what they think,” he said, “even when it’s not what you want to hear,” the president-elect said. “I hope you will not allow the ‘president’ title to stop you from speaking to me frankly.”

As president, Reif will also begin a new capital campaign for MIT, raising money to support the Institute’s academic and research activities alongside a 20-year phased campus expansion and renovation.

Reif, Page 10

AN APPEAL TO THE PRESIDENT-ELECT
The Tech welcomes Reif and outlines our hopes for his term.
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DRILL, BABY, DRILL
Examining the Deepwater Horizon accident in Run to Failure.
ARTS, p. 8

BITTERSWEET CELEBRATION
Going to commencement during a time of loss.
CAMPUS LIFE, p. 18

ALIENS RETURN
Does Prometheus live up to Ridley Scott’s original masterpiece?
ARTS, p. 9

WHAT’S UP WITH RLADS?
Read Chancellor Grimson’s response.
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WEATHER, p. 2
Fri: 78°/54° Slight chance of storms
Sat: 60°/49° Partly sunny
Sun: 83°/72° Mostly sunny

This fall, many dorms will see new faces in their house teams in the form of Residential Life Area Directors (RLAD). RLADs will live in the dorm and assist housemasters and Graduate Resident Tutors (GRT) with administrative and operational tasks. These changes were announced last week, when an anonymous source leaked a letter, written by Chancellor W. Eric L. Grimson Ph.D. ’80 to MIT housemasters, that spoke of imminent changes in residential life. The information caught many students and GRTs off-guard, sparking campus-wide controversy and debate.

Grimson said that the RLAD position came out of an ongoing effort to improve residential life at the Institute, especially given the three student deaths last academic year. “I share the widespread sense that we need to respond not only with compassion but with constructive change…” We must take action to strengthen the student support systems within our campus and groups. While we have made great elements in place... there are still opportunities to enhance our students’ well-being and sense of belonging,” he wrote in the letter. (The letter can be found on page 5, in The Tech’s opinion section.) The RLAD position would replace and expand the role of the existing Residential Life Associate position (RLA).

Prospect asks community to be ‘frank’ during listening tour
By Ethan A. Solomon

By Deborah Chen and Jingyun Fan

President-elect Rafael Reif greets students at an evening event in the Stata Center on May 16.

The Tech is on our summer publishing schedule, with issues on June 13, July 11, and Aug. 7. It will resume regular Tuesday publication on Aug. 24.

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

The Tech’s website is now on summer hours and will be open daily from 7 a.m. to 11 p.m. and will be open Sundays from 9 a.m. to 9 p.m.


The tech’s editors encourage you to visit us online.

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Largest Newspaper

MIT’s Oldest and Largest Newspaper tech.mit.edu

Volume 132, Number 27

Friday, June 8, 2012

IN SHORT

Low your commencement packet! Check http://sas.mit.edu/commencement-2012/schedule.html for the departmental receptions schedule.

LaVerde’s is now on summer hours and will be open daily from 7 a.m. to 11 p.m.

Safervide hours have changed! Check the summer schedule and be found at http://web.mit.edu/facilities/transportation/shuttles/schedules/Safervide_holiday-2011.pdf.


For the depart-


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Spain holds a trump card in bank bailout talks

By Nicholas Kulish and Raphael Minder

BERLIN — The bargaining has begun over a deal to rescue Spain, confronting Europe with urgent choices about whether to try to enforce onerous bailout terms on Madrid as the crisis spreads to the region’s largest economy.

The question has seemingly become one of when and not if Spain’s banks will receive assistance from European countries, with investors on Wednesday predicting an imminent rescue meant to solidify Madrid’s commitment to enforcing the bailout terms.

Spain’s eurozone, the fourth-largest economy, is too big to fail and possibly too big to steamroll, which is changing the balance of power in the negotiations over a bailout.

Political leaders in Madrid are insisting that they will not ask their banks to avoid the stigma of capital controls — the charge that has enabled countries like Greece, Portugal and Ireland after accepting tough terms. They are also fighting to slow the pace of austerity and economic change that have pushed those smaller countries into deeper recessions.

Spain has also added advantage of seeking help in a changed political environment in which calls for growth have begun to outweigh German insistence on austerity. Unlike Greece, Spain’s government did not run large budget deficits before the crisis. It leverage to argue that German aid to its banks should not come coupled with a politically delicate loss of decision-making power over its own economic and fiscal policies.

Madrid’s trump card in this latest game of eurozone poker is that the consequences of a Spanish default and exit from the eurozone would likely be so catastrophic that policymakers in Berlin will be willing to bend their bailout rules at least a little to save Spain.

As such, Spanish leaders, who feel Madrid has already made many painful changes and spending cuts, are holding out for a deal that requires only a tightening of oversight on its financial sector and no strings attached to the country’s budget powers.

Spain also appears to be forcing a reckoning about the exasperated steps political leaders in Europe need to take if they want to hold the eurozone together.

CIVILIAN TOLL RISES TO 24 ON AFGHANISTAN’S DEADLIEST DAY

KABUL, Afghanistan — Violence took the lives of at least two dozen Afghan civilians and possibly many more Wednesday, making it the deadliest day for Afghan civilians so far this year. The day included a complex suicide attack in Kandahar City and a NATO airstrike that Afghan officials and residents said had killed women and children in eastern Afghanistan, according to Afghan officials and residents.

Last week, the head of the U.N. Afghanistan office, Jan Kubis, said that in the first quarter of this year, civilian casualties had dropped for the first time since the United Nations began keeping statistics in 2007. That positive trend has appeared to be eroding in recent days. Another official in the office, James Rohr, said, “One thing we can say is that this has been the deadliest day of the year so far for civilians.”

The alleged civilian casualties caused by a NATO airstrike were in rural Logar province, and for much of the day there were conflicting accounts of what had happened. By evening a NATO spokesman said that international forces and the Afghans had opened a joint investigation.

— Ali Rezai, Kabul, New York Times

US regulator concedes oversight lapse in JPMorgan loss

WASHINGTON — The front-line regulator charged with overseeing JPMorgan Chase conceded Wednesday that his agency stumbled when it overlooked a multibillion-dollar trading loss that has damaged the bank’s image and stock price.

At a Senate Banking Committee hearing, the comptroller of the currency, Thomas J. Curry, faced the scrutiny of a firestorm of questions from Sen. Sherrod Brown, D-Ohio. Brown asked whether the agency had made a “standard that it set for itself.” Curry replied, “No, not in this particular case.”

“We would expect to be aware of significant risks,” he said in his first congressional testimony since taking the helm of the comptroller’s office in April. Curry disclosed that the agency had conducted “a critical self-review,” which he said he hoped would be completed in the next several weeks.

The hearing Wednesday was the second in a string of inquiries planned to examine JPMorgan’s loss. The hearing included testimony from officials at four other federal agencies: the Federal Reserve, Treasury Department, Consumer Financial Protection Bureau and Federal Deposit Insurance Corp. In May, the committee called the leaders of the Commodity Futures Trading Commission and Securities and Exchange Commission, which also regulate JPMorgan, to testify after the company disclosed that it lost at least $2 billion on dubious trading ventures.


Nasdaq sets aside $40 million for Facebook claims

The Nasdaq OMX Group is taking its first step to quell investor anger over the flawed debut of Facebook shares last month — pledging $40 million to cover broker losses — but some customers and competitors quickly raised objections.

The stock market operator said Wednesday that it would set aside $31.3 million in cash and pay out the rest in credit rebates to every trader who incurred losses from technical malfunctions in Facebook’s initial public offering May 18, the biggest technology IPO ever.

The move maintained that the decline in the price of Facebook’s stock since the first day was because of factors other than the glitches on the Nasdaq.

— Michael J. De La Merced and Nathaniel Popper, The New York Times

Weather Clear weather finally returns to New England

By Roman Kowch

A weak, yet pesky, area of low pressure lingered just off Cape Cod earlier this week. The system brought cold temperatures, cloudy skies, rain, and breezy conditions. This system appeared “stuck” in one location on the weather forecast map from this past week. But why? The answer was evident in the central Atlantic Ocean, where a much larger low pressure system was parked, preventing the weaker low from moving out.

However, the weather has gradually transitioned toward more reasonable conditions. The broad

Extended Forecast


Tonight: Partly cloudy. Low 60°F (16°C).

Tomorrow Party cloudy. High 70°F (21°C).

Tomorrow evening Low 57°F (14°C).

Sunday: Mostly sunny. High 82°F (28°C).

Monday: Sunny. High 84°F (29°C).

Situation for noon Eastern time, Friday, June 8, 2012

8:00 a.m. 9:00 a.m. 10:00 a.m. 11:00 a.m. 12:00 p.m. 1:00 p.m. 2:00 p.m.

1:00 p.m. 2:00 p.m. 3:00 p.m. 4:00 p.m. 5:00 p.m. 6:00 p.m. 7:00 p.m.
Opinion Policy

Editorials are the official opinion of The Tech. They are written by the Editorial Board, whose members are representatives of the student body as a whole, including students of all ages and backgrounds. The opinions expressed in editorials are those of the writer and do not necessarily reflect the opinions of the newspaper. Electronic submissions are encouraged, but are subject to the same standards as editorial board members. The Tech reserves the right to edit submitted editorials.

Letters to the editor are welcome. The Tech reserves the right to edit letters for length and clarity.

Guest columns are articles submitted by members of the MIT community. We reserve the right to edit letters and guest columns for length and clarity.

Letters, columns, and essays must bear the author’s name, address, and phone number.
Editor’s note: the following letter was ad-
technology considered changes to the residential
life experience. The process should be trans
sitions could:
• Give housemasters more time to help stu-
dents deal with personal issues by freeing
them up from some operational tasks.
• Assist GRTs in learning how to help stu-
dents navigate institutional
• Give housemasters more time to help stu-
dents deal with personal issues by freeing
them up from some operational tasks.
• Assist GRTs in learning how to help stu-
dents navigate institutional

The Process
The decision to introduce BLAs was made
without consulting or informing the housemas-
ters, and we feel strongly that this is a serious
omission. We should have been fully involved
in the design phases of the new system of student
life support even better. Our goal is not to
complain, but to help create a positive dialogue
on how to best support the unique MIT
community. We hope to partner with you to
understand the range of issues and perspectives
that students, housemasters, and others have.

We are the authors of all editorial content in
MIT’s unique student life.
Anonymous email leak

On June 2 at 1:43 a.m., an anonymous email under the alias “Tim Beaver” was sent to many campus mailing lists, alleging a major, unexpected change to the residential life system at MIT. The sender also included a link to a letter that Grimson had sent to the housemasters on May 29, describing the addition of nine RLADs that would be hired and moved into MIT’s undergraduate dorms by fall 2012.

“RLADs will have broad oversight of the day-to-day management of house operations, including management of the RLADs, responsibility for student-related issues such as advising, student government, student conduct, and student support, coordinating with the House Manager that building the well is running well and maintained; and assisting you in your roles as the intellectual leaders of the communities,” Grimson wrote to the housemasters.

The leaked letter stated that

The GRTs speak out, want discussion on RLAD policy

In an interview on Wednesday, students from various dorms had the opportunity to express their opinions and present them to Division of Student Life (DSL) staff during the first few months of the fall term; Grimson declined to comment on which dorms those would be.

East Campus, Random, and Ben- ley will not have an in-house RLAD, though they would still be super- vised by one, in addition to the normal house team. Grimson said that

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FSILGs more visible during orientation

FSILGs, from Page 1

FSILGs, more visible during orientation

“FSILGs, from Page 1”

It’s not unusual for students to feel overwhelmed by the rush. But this year, the timing of Rush and Recruitment was designed to make it easier for students to navigate the process and learn more about the different options available. "Every year, we try to make sure that students have as much information as possible about the different organizations before they make their decisions," said Marlena Martinez Love, MIT’s assistant dean and director for Residential Life and Organizations. "That’s especially important this year, given the challenges that the pandemic has presented."

The timing of Rush and Recruitment was also designed to help students make their decisions about which organization to join. "It’s important for students to have as much time as possible to think about their options," said Love. "We want to give them the tools they need to make informed decisions about which organization is the best fit for them."

The timing of Rush and Recruitment was also designed to help students understand the expectations of the different organizations. "It’s important for students to understand what they’re getting into," said Love. "We want to make sure that they have as much information as possible before they make their decisions."
A titanic failure of management and policy
How a culture of corner-cutting and wishful-thinking spawned a disaster in offshore drilling

By Roberto Perez-Franco

The horrifying image of a muddy column of oil rushing incessantly from the earth’s guts into the deep blue waters of the Gulf is forever branded in my memory. As I watched in disbelief the live video feed from the bottom of the sea, showing the Macondo well vomiting poison into the ocean, week after week, impervious to the incompetent attempts of BP to kill it, there was one question that kept bouncing in my head: how on earth did this happen?

Abrahm Lustgarten, an award-winning environmental journalist and recipient of the MacArthur Foundation’s “genius grant,” has the answer. His devastating exposé of BP’s abysmal safety record details the role the company played in what is arguably the worst environmental disaster in U.S. history.

Run to Failure
Abrahm Lustgarten
W.W. Norton
April 2012

Although Lustgarten divides his book formally into three parts, it makes more sense to think of it in two blocks. The first deals with the long-term “making” of the disaster, namely the broader management and regulatory aspects of the problem. Lustgarten discusses the background information on BP’s managerial and cultural transformations towards increased efficiency (read: cost-cutting), its tense and dictatorial interactions with ineffective regulators, and its vindictiveness against whistleblowers. It also provides answers to questions such as why Barack Obama supported an expansion in offshore drilling, why BP was a key player in offshore drilling in the Gulf, and the origin of the company’s atrocious safety culture.

The second block of the book dissected in painful detail the immediate causes of the Deepwater Horizon disaster. These last two chapters, in my opinion, pay for the whole book. The discussion of the perils of deepwater drilling in the Macondo well and the litany of tragic mistakes that invited an unnecessary disaster read like the engineering equivalent of a thriller. Lustgarten details the countless critical mistakes made by BP in the eve of the disaster, including a series of explanations of how things should have been done according to the industry’s best practices, juxtaposed with what BP did instead in order to save time or money.

A careful reading of Run to Failure will leave the reader with a clear understanding of the immediate causes of the blowout — the multiple “aberrational decisions” made by rogue managers, which could and should have been anticipated. But it will also help the reader understand why, as the official inquiry on the disaster puts it, the root causes of the spill were “systemic” and “might well recur” without significant reform in both industry practice and government policies. “Most of the mistakes and oversights at Macondo can be traced back to a single overarching failure — a failure of management,” states the report. Sadly, as Lustgarten makes it clear in the closing pages, the regulation of the industry has not been improved enough — not even close.

If you are short on time, Frontline’s documentary The Spill will give you a taste of BP’s lame safety culture leading up to the Deepwater Horizon disaster. But the deeper analysis that Run to Failure presents has no substitute: Lustgarten’s narrative is so well-written, his argument so clear and detailed, and his message so urgent that I strongly encourage any person interested in American energy policy in the 21st century to read this book and take in its painful lessons. Learn them, I say, and stand up, because industry regulators haven’t.
Old Alien DNA, new story

Ridley Scott’s Prometheus is intriguing, but loses itself in its complexity

By Ethyan A. Solomon

I had high expectations going into Prometh-  
us. I even bought a ticket right before the direc-  
tor’s chair again to create a pseudo-prequel to Alien — one of my favorite sci-fi films —  
which he directed in 1979. Scott did such an  
amazing job with Alien, how could Promo-  
thues not do it again?  
Prometheus was good, but it wasn’t what I was expecting. Maybe I should have been  
excused, since modesty in this case would be  
veiled in the succeed of the franchise. While  
Alien was a classic, but I think he was wrong to  
do so. Retaining the franchise with a fresh  
look (and fancy CGI) on an old theme  
could be just what the doctor ordered.  

I can’t wait to see how Scott might have  
shaken my head in awe. “Is He not even  
Shlomoh in all his splendor? They do not labor  
or spin. They do not sow or reap or collect  
for their granaries, nor do they ask any  
favor from any creature.  

I realize some of Jesus’ utterances only  
makes sense as poetry. The time was an eve-  
tification, of “new atheism” fame, who said that  
Jesus’s teachings “central to the doctrine of Jesus”  
and translated by Willis Barnstone.  
Barnstone’s, himself a renowned poet  
and a prolific translator, is convinced that  
Barnstone insists  
that, even the cosmic and apocryphal, have been  
rendered anew, often in the form  
of poems. by his ambitious pen.  

I am excused, since modesty in this  
case would be vain: Barnstone emerges vic-  
tive in the sweeping alien  
visuals of Promethues.  

The Poems of Jesus Christ  
W.W. Norton  
April 2012

Prometheus  
Directed by Ridley Scott  
Starring Noomi Rapace, Logan Marshall-Green and Michael Fassbender  
Rated R  
Now Playing

The Poems of Jesus Christ  
Willis Barnstone  

I remained skeptical that I will be forever  

Now Playing
MIT welcomes L. Rafael Reif
Provost search ongoing, says the president-elect

Reif, from Page 1

Student reactions
Bryan Owens Bryson G, a member of the student advisory group to the presidential search committee, said he was pleased that the search committee, and in turn, Reif, remembered that thousands of students call MIT home.

“MIT is both a place of research and education for students, but it’s also their home,” he said. “To know that those words were then captured by president-elect Reif’s remarks when he presented MIT as a home to both students and faculty, staff, etc., that really indicates a really key feature.”

At a meet-and-greet event with the president-elect last month, undergraduates were generally optimistic about the Reif presidency, but admitted that they did not really know who he was.

“I don’t know if I knew him by name, but I knew of him,” said Daniel DeSanto ’15. And, according to Stephanie A. Beriau ’15, a friend told her that Reif is “one of those guys who you meet and right off the bat you love.”

Still, a group of Course 6 sophomores The Tech spoke to at the event admitted that they did not know who Reif was before the presidential announcement, and that they weren’t sure what a university provost does.

Owens added, “It’s really encouraging to see somebody who is thinking about education and how it can be enhanced … I think it’s a great idea to have somebody who can really think about the models of education and think about how do students learn best, because that’s one of the reasons why people are here.”

Provost search
As he leaves his post, Reif will need to find a new provost. In an email to the MIT community on May 23, Reif asked for “input and ideas” on his replacement.

In an email to The Tech on Monday, Reif said he had heard from over 100 people, including faculty, staff, and students.

The faculty want a provost who understands and is committed to MIT, and in particular the concept of “one MIT,” the idea that we are all in this together, pulling toward the common goal of serving human-kind,” he said.

Reif is “hoping” to have the provost selection process complete by July 2nd, when he takes office as president. The provost selection is at the sole discretion of the president, but Reif said he would discuss candidates with the MIT Corporation’s Executive Committee.

Reif’s history
Originally from Venezuela, Reif has been a faculty member since 1988. He was head of the Department of Electrical Engineering and Computer Science from 2004–2005 and Director of the Microsystems Technology Laboratories from 1990–1999. After advancing to provost in the Hockfield administration, he helped steward MIT through the financial crisis and ensuing painful budget cuts. He also played a key role in forging several high-profile international partnerships in recent years, including ventures in Russia, Singapore, and Abu Dhabi.

At the May press conference and in a later speech to the MIT community, Reif relayed the story of his journey from Venezuela to the MIT presidency.

He earned his undergraduate degree in Venezuela and then went to Stanford University for a PhD in electrical engineering. Reif had originally planned to go back to Venezuela, but was recruited by an MIT professor.

“He would call every other night at home, trying to convince me to interview,” said Reif. “Then at one point he said, ‘What are the chances that if you came to MIT, you might like it?’”

Reif originally thought the chance was low — “five percent,” he said — but after visiting MIT he realized “this is it.”

The search process
Reif assumes the presidency after a short selection process — less than three months, compared to the eight months it took to select Hockfield. James A. Champy ’63, who chaired the presidential search committee, said that the committee met more frequently to move the process along more quickly.

“There’s just too much to do” to spend an “unduly long time” selecting the next president, he said to The Tech in early May.

Despite the fast search, presidential search committee member Barrie R. Zeigler told The Tech that the committee went to great lengths to ensure that candidates external to MIT were given a fair shot. Ultimately, though, “it was Rafael’s to lose when he came in to interview,” she said.

“Rafael Reif emerged early as a uniquely qualified candidate, and that impression only deepened as our discussions with him and members of the MIT community progressed,” said Reif in a statement through the News Office.

Reif receives tokens of office
After Reif’s speech, President Hockfield presented the provost with two gifts — an old copy of Roh-rer’s Rules of Order, passed down from president to president, and a baseball jersey emblazoned with the number “17.”

And, at a meeting in the Stata center with students, former UA President Amanda C. David ’13 and Bryson presented Reif with a set of Brass Rat-style napkin rings and a poster-sized hacker’s map.

When asked shortly after his election what his first public words as president-elect would be, Reif said, “I love The Tech.”

John A. Hawkins contributed reporting to this article.

Reif also received a post-sized hacker’s map, which shows MIT’s underground tunnel network.

The flash mob points to President Susan Hockfield as the music is altered to include Hockfield’s name.

President Hockfield is taken by surprise at the appearance of a flash mob during the “Hockfield Day” picnic, held on May 17 in Killian Court.
Congratulations to Our Incoming Analysts

Malcolm Bean
Fixed Income, New York

Zachary Carr
Fixed Income, New York

Rishi Dixit
Investment Banking, New York

Kang Liu
Global Capital Markets, Hong Kong

Jean Mario Martin
Investment Banking, Menlo Park

Akira Monri
Technology, Tokyo

Siddhartha Saraswat
Institutional Equity, New York

Jacob Wamala
Investment Banking, New York

Morgan Stanley’s mission is to build a community of talent that can deliver the finest financial thinking, products and execution in the world. Our people come from a variety of backgrounds and interests—all are high achievers who share integrity, intellectual curiosity and the desire to work in a collegial atmosphere. We give our people responsibility early, so they can soon make an impact on our business and the world at large.
Students

A webcomic of romance, sarcasm, math, and language by Randall Munroe

Your projects are due today by 5:00pm.

I didn’t even know we had one.

Wait, I don’t think I’ve been attending. I must have forgotten I had this class. Shit!

Okay, I’m gonna fail. Will it hold me back? I just want to get out of here. I thought I’d finished my requirements already.

In fact, I think I remember graduating.

What the hell is this?

Fun fact: decades from now, with school a distant memory, you’ll still be having this dream.

The dream gets to be one more reason you’re not missing the Green Lantern in the swimming pool of Class C. You guys are having a

The same goes for the one where you’re wrestlers the Green Ranger in the swimming pool full of Crisco. You guys all have that dream, right? It’s not just me. Right?
Beaver Tails by Ranbel Sun

I'm gonna dress up for commencement.

If I really dress up, I would blend in on Election day, then once my name is called...


dude, you're paying $500,000 for that mpression?

Exactly.

Help Desk by Michael Benitez

UPPERCUT by Steve Sullivan

Have I used it in the past 2 weeks?

- Y
- N

Got it off reuse?

- Y
- N

Valuable to undergrad?

- Y
- N

Sentimental value?

- Y
- N

Give to undergrad, earn karma points.

- Y
- N

Fits in a suitcase?

- Y
- N

Post on reuse.

Fine, pack it. Take photo, release into Charles on burning raft.
Sudoku
Solution, page 17

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

Techdoku
Solution, page 17

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.
Hockfield’s reported numbers are higher than Harvard President Drew Gilpin Faust, just as they were last year.

Alexander is highest paid

Hockfield is not MIT’s highest paid employee, though. That person is Seth Alexander, president of MIT Investment Management Company. Alexander’s total compensation was $1,386,463, which includes $709,001 of “bonus and incentive compensation.” That is primarily tied to the performance of MIT’s endowment “relative to peer and market.”

Sloan faculty

As always, the list includes several Sloan School of Management professors, whose compensation is derived from their Sloan salary and benefits. Hockfield’s base pay — her actual salary — was $875,331, whereas Faust’s was $1,616,066.

<table>
<thead>
<tr>
<th>University</th>
<th>2010 Base</th>
<th>2010 Paid</th>
<th>2010 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIT</td>
<td>$713,994</td>
<td>$875,331</td>
<td>$1,616,066</td>
</tr>
<tr>
<td>Harvard</td>
<td>$1,260,427</td>
<td>$1,316,463</td>
<td>$2,576,889</td>
</tr>
<tr>
<td>Yale</td>
<td>$1,657,631</td>
<td>$1,913,097</td>
<td>$3,570,728</td>
</tr>
<tr>
<td>Princeton</td>
<td>$784,885</td>
<td>$902,205</td>
<td>$1,687,090</td>
</tr>
<tr>
<td>Boston</td>
<td>$830,046</td>
<td>$1,141,330</td>
<td>$1,971,376</td>
</tr>
</tbody>
</table>

Boston University’s president Robert A. Brown was provost of MIT from 1998 through 2005.

IRS Form 990 is open to public inspection, but how universities provide the form varies. Boston University provided the 990s online here because their fiscal year closes 2 months later, so 2010 data are not yet available. Harvard, Yale, and Princeton’s tax offices maintain this information, and supply it via email on request. At MIT, the form is filed May 15, 2012 for tax year 2010.

Form 990 includes compensation to current and former officers, directors, trustees, and key employees.* That includes the five current highest compensated employees, as well as “the five current highest compensated executives who did not meet 2008 reporting threshold.”

* Professors Repenning and Lessard appear because they are current Sloan School of Management’s Executive Education program faculty.

Several of MIT’s officers serve as directors of major public companies. The Securities and Exchange Commission records stock transactions on behalf of directors. The annual proxy statements from the various companies detail the compensation to those directors.

MIT top salaries released; Hockfield breaks $1M

MIT’s top salaries released; Hockfield breaks $1M

Beyond senior administration, Sloan professors and MITIMCo officials top pay chart

Hockfield’s reported compensation is one of the “reportable compensations” from Part VII Section A of the 990. “Total compensation” includes all “payments to persons on account of the services of officers, directors, trustees, and key employees” and is defined as column E of Schedule J Part II of the form.

Table: Top Salaries at MIT

<table>
<thead>
<tr>
<th>Name</th>
<th>University</th>
<th>2010 Base</th>
<th>2010 Paid</th>
<th>2010 Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Susan J. Hockfield</td>
<td>MIT</td>
<td>$1,187,767</td>
<td>$1,616,066</td>
<td>$2,803,833</td>
</tr>
<tr>
<td>Drew Gilpin Faust</td>
<td>Harvard</td>
<td>$713,994</td>
<td>$875,331</td>
<td>$1,616,066</td>
</tr>
<tr>
<td>Richard C. Levin</td>
<td>Yale</td>
<td>$1,187,767</td>
<td>$1,616,066</td>
<td>$2,803,833</td>
</tr>
<tr>
<td>Shirley Tilghman</td>
<td>Princeton</td>
<td>$784,885</td>
<td>$902,205</td>
<td>$1,687,090</td>
</tr>
<tr>
<td>Susan J. Hockfield</td>
<td>MIT</td>
<td>$1,187,767</td>
<td>$1,616,066</td>
<td>$2,803,833</td>
</tr>
</tbody>
</table>

Hockfield, also served as director of outside companies, and received around a quarter of a million dollars of compensation from those activities. See separate table.

MIT is required to report the compensation of its officers, its ‘key employees,’ and its five highest compensated employees (who are not in the prior categories), as well as former members of those categories who received more than certain thresholds. As a result, only data for the top seven compensated employees is available. Beneath the top seven, some employees are missing from the data.

* Four MIT officers served as directors of outside companies and receive substantial fees for doing so. See separate table.

** Professors Repenning and Lasserd appear because they are participating in MIT’s School of Management’s Executive Education program (see http://mitsloan.mit.edu/).

MIT is required to report the compensation of its officers, its ‘key employees,’ and its five highest compensated employees.

Selected other university presidents’ 2010 compensation

Selected other university presidents’ 2010 compensation

This is for data calendar year 2010, Jan. 1, 2010 through Dec. 31, 2010. References from MIT’s IRS Form 990, the tax return for non-profits, which was filed May 15, 2012 for tax year 2010.

For more information on executive compensation, see B) of Schedule J Part II of the form.

Highsalaries are the “reportable compensation” from the organization (W-2/1099-MISC) column from Part V Section A of the 990. “Total compensation” includes that as well as “retirement and other deferred compensation” and “nontaxable benefits” from column E of Schedule J Part II of the form. The differences (Δ) are based on total compensation.

IRS Form 990 includes compensation to current and former officers, directors, trustees, and key employees.* That includes the five current highest compensated employees, of which Donald R. Lessard is the least compensated. Therefore, the list beneath Lansburgh is

MIT requires the compensation of its officers, its ‘key employees,’ and its five highest compensated employees.

Selected other university presidents’ 2010 compensation

Selected other university presidents’ 2010 compensation

This data is for calendar year 2010, Jan. 1, 2010 through Dec. 31, 2010. References from MIT’s IRS Form 990, the tax return for non-profits, which was filed May 15, 2012 for tax year 2010.

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Highsalaries are the “reportable compensation” from the organization (W-2/1099-MISC) column from Part V Section A of the 990. “Total compensation” includes that as well as “retirement and other deferred compensation” and “nontaxable benefits” from column E of Schedule J Part II of the form. The differences (Δ) are based on total compensation.

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MIT requires the compensation of its officers, its ‘key employees,’ and its five highest compensated employees.
Faculty push back against MIT 2030 in latest FNL

Too much discretion given to MITIMCo, faculty say, as needed space goes commercial

By John A. Hawkinson

Faculty resistance to MIT 2030 is increasing. MIT faculty have begun to push harder for involvement in a plan that allocates portions of the Institute’s real estate portfolio for commercial development. That plan, part of the MIT 2030 initiative, includes the new buildups MIT is building for Pfizer along Albany Street, and the multi-decade lease of 181 Massachusetts Avenue to Novartis where Novartis is building a new life sciences campus. It also includes the intention to build commercial real estate properties on the east side of campus in Kendall Square, and in the areas east of Amos Street currently occupied by parking lots. These plans are managed by the MIT Investment Management Company, which was expected to submit a revised zoning proposal to the city in mid-May, though that has not yet happened.

The MIT faculty has been not represented in this process and has not had a seat at the decision-making table. (The faculty have had input into other portions of the MIT 2030 plan through the Academic Council, such as the new nanomaterials research facility.) In December, an issue of the faculty newsletter was devoted to these concerns, but there was no significant evidence of further investigation.

May faculty meeting

At the May 16 faculty meeting, a group of nine faculty members, led by Professor Jonathan A. King (Biol. Eng.), expressed concern and asked for formal faculty involvement:

“The eastern area of the campus adjoining Kendall Square is the only remaining land available for future educational, recreational, campus housing, and research facilities. The area to the west has been leased away for periods of 40-60 years. Many faculty, staff, and graduate students are concerned that the MITIMCo 2030 plan to develop this last remaining campus resource as commercial space will irreversibly limit and constrain MIT’s future development. This is the only space left for campus educational, recreational, housing, or research facilities. The Graduate Student Council has explicitly raised concerns over the advance of significance graduate housing in the MITIMCo plans. The opportunity for faculty participation in the MITIMCo decision-making process has been very limited, even for our Dept. of Urban Studies and Planning colleagues. It is deeply disturbing that such far-reaching and long-lived urban development decisions should be made without the input of our own urban development authorities. The faculty does not have representatives on the MITIMCo Board. I also note that no MIT faculty have been appointed to either the Kendall Square Advisory Committees, or the Central Square Advisory committees. We therefore request 20-30 minutes on the agenda of the September faculty meeting for presentations by concerned faculty and open discussion of the above issue. We are not talking about receiving another report, but in presentations from the many knowledgeable and involved urban studies and planning experts who have not yet been heard. Given the irreversible nature of the current MITIMCo construction, with half-century time lines, much open faculty discussion is necessary.”

June FNL

The June issue of the Faculty Newsletter, published Wednesday, June 20, featured an editorial noting that the administration had provided a written response to concerns from the December issue, but found it wanting on four counts:

Lack of “proper and critical input” from MIT’s faculty, students, and staff

Lack of attention to graduate student housing, as well as housing for staff, postdocs, and young faculty

No response to the concern that the development may violate prior agreements between the Institute, the city, and the federal government.

Lack of analysis of the impact of increased automobile and transit trips

Response to May Meeting

King said that Martin A. Schmidt PhD ‘98 (associate provost for space), and Israel Ruiz SM ’08 (executive vice president and treasurer) are in the process of organizing meetings with faculty. But in King’s view, those meetings, which don’t invite presentation of alternative views, do not represent true consultation.

King also said that President-elect Rafael L. Reif had communicated to him a desire to meet with and listen to faculty concerned on this point.

He noted that he had not heard back from anyone about the request for time on the September meeting agenda.

(Chair of the Faculty Samuel M. Allen told The Tech that the faculty meeting agenda is generally set only about three weeks prior to the meeting, but that “Prof. King’s request is very much on my radar screen.”)

MITIMCo zoning proposal delayed?

MITIMCo had submitted a zoning proposal for changes to accommodate the MIT 2030 development last year, and that proposal was withdrawn. Last month, Sarah E. Gallup, MIT’s local government liaison, said they would be submitting a new proposal by mid-May, but that has not yet happened. The city’s Kendall-to-Central initiative is still ongoing, and its final report will not be available for several months.

Michael K. Owens ’86, director of real estate for MITIMCo said in an email yesterday that MIT had “not made a decision on when to file our zoning petition. We are continuing to engage with various stakeholders, listening to their perspectives, and are incorporating their input where possible.”

CONGRATULATIONS

Allan Yuyin Chen

P.O. Box 1234

Bioengineering

Jacob Steinhardt

Computer Science

Vyas Ramanan

Bioengineering

Christian Wentz

Bioengineering

The Fannie and John Hertz Foundation is pleased to announce

Allen Yuyin Chen, Vyas Ramanan, Jacob Steinhardt, and Christian Wentz, have received the

Hertz Foundation Graduate Fellowship Award for 2012

Mr. Chen, Mr. Ramanan, Mr. Steinhardt, and Mr. Wentz are four of 15 exceptionally talented and creative young innovators to receive a Graduate Fellowship Award of up to $250,000 in the Applied Physical Sciences or Engineering

Learn More or Apply for a 2013 Hertz Foundation Fellowship

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Additional materials on Kyaw accident expected

The Tech has filed public records requests seeking additional information about the accident investigation into the death of Phyo Kyaw ’10. Kyaw was killed on Dec. 27 when his bicycle was run over by an 18-wheeler at the intersection of Massachusetts Avenue and Vassar Street.

The Tech is expecting to receive additional police reports and photographs of the investigation from the Cambridge Police.

The Tech is expecting to receive a higher quality copy of the State Police accident investigation report that we published in May; a copy in which the photographs and diagrams should be legible.

The Tech is expecting to receive 97 pages of reports, notes, and email messages from the Middlesex District Attorney’s office, which made the decision not to prosecute the truck driver. The DA’s office will also supply video of a witness interview, surveillance video from the exterior of the Student Center, 84 Massachusetts Avenue, surveillance video from the Bank of America at the corner of Mass. Ave and Vassar St., and a recording of the 911 dispatch call.

— John A. Hawkinson

A sailing team from East Campus team breaks the speed record for crossing the Charles River.

---
I’ve been forced to learn that death changes everything, and that unfortunately, grieving is not a linear process. A paradoxical graduation

Commencement continues, despite loss

By Christine Yu

Life can change in an instant — the instant you get that acceptance letter, the instant you walk across that stage, the instant someone dear to you dies. I never imagined that my life would change so drastically before graduation — that I would be graduating without my partner, the guy who loved and supported me for the bulk of my MIT undergraduate career.

Three years ago, I wrote an article titled “Happy Ever After” in which I described meeting someone so special that I didn’t want to write about relationships anymore. I feared mixing my chances of a happy ending, so I just relished in the sense of happiness our relationship brought me. I could never find the right words to describe my feelings, and so writing about us would be doing an injustice. Ironically, writing (my major), along with biology, was one of the subjects he was most passionate about. However, I don’t think he would’ve studied either of these subjects had it not been for his encouragement. My partner would’ve hated the most. However, I don’t think he would’ve studied either of these subjects had it not been for his encouragement.

Three years with my partner. However, I’ve been forced to learn that death changes everything, and that unfortunately, grieving is not a linear process.

Finding out about his passing the day after I turned in my thesis stunned me. I will never forget bursting into my thesis adviser’s office right after I found out to tell him I couldn’t go to class that night. Since then, the support I have had from the Writing department has been remarkable. But this hasn’t stopped me from cycling through all the stages of grief multiple times. I’ve been forced to learn that death changes everything, and that unfortunately, grieving is not a linear process.

I was forced to learn to pace myself while taking Introductory Biology to-gether in random rooms on campus going through all the course material when we were enrolled. Even though he didn’t like biology, he would always tell me I was his father’s daughter — that biology was the destiny I needed to stop avoiding. He also served as my muse on countless occasions; I would steal lines from our emails to put in my thesis. When I was thesising, he always made sure to stock his fridge with rasp-berries and oysters for me. My partner was also the best storyteller, I used to call him before writing just to see what made him laugh so I could emphasize it in my writing.

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changes everything, and that unfortunate-ly, grieving is not a linear process.

It is such a bizarre feeling to have to go through so many celebrations at a time, especially when I’m also grieving the loss of some-one so instrumental to my graduation. I remember during my partner’s gradua-tion, I almost lost his tickets. He handed me an open envelope on a windy day with-out telling me the contents, and I careless-ly dropped them out telling me the contents, and I careless-ly dropped them.
Congratulations to The Tech’s Class of 2012

Michael Benitez
CARTOONIST

Maggie Liu
ARTS EDITOR, V130

Jeff Z. Chen
ARTS WRITER

Maggie Lloyd
CONTRIBUTING EDITOR

Nicholas Chornay
PHOTOGRAPHER

Ana Lyons
NEWS EDITOR, V130

Maeve Cullinane
CAMPUS LIFE WRITER

Samuel Markson
ASSOCIATE ARTS EDITOR

Andrea Fabre
VIDEOGRAPHER

Joseph Maurer
CHAIRMAN, V131

Michael Gerhardt
SPORTS WRITER

Robert McQueen
NEWS EDITOR, V130, V131

Allison Hamilos
CAMPUS LIFE WRITER

Nicholas Myers
SPORTS WRITER

Meng Heng Touch
PHOTOGRAPHER

Nina Sinatra
OPINION EDITOR, V131

Zach Hynes
SPORTS WRITER

Ethan A. Solomon
EDITOR IN CHIEF, V131

Roman Kowch
METEROLOGIST

Greg Steinbrecher
BUSINESS MANAGER, V130, V131

Pearle Lipinski
NEWS AND FEATURES DIRECTOR, V131

Grace Taylor
CAMPUS LIFE WRITER

Jessica Liu
PHOTOGRAPHY EDITOR, V130, V131

David Zhu
SPORTS EDITOR, V129, V130, V131
WE DID IT!
NOW, WE HOLD THE ULTIMATE MIT STATUS...

THANK YOU
ALL FOR YOUR SUPPORT!

WELCOME NEW MEMBERS OF THE WILLIAM BARTON ROGERS SOCIETY OF LEADERSHIP GIVING TO MIT.

Sandra Abago
Omar Abudayyeh
Obadiah Abushahem
Simone Agha
Akara Ambak
Jonh-Ross Andrews
Reuben Aronsone
Jessica Artiles
Brandon Baker
Kathryn Barnes
Charles Bernstein
Aysylu Biktimirova
Isaac Bleicher
Ben Bloomberg
Kerry Ann Box
Craig Broady
Elaina Chai
Lauren Chai
Connie Chan
Christine Chen
Jane Chen-Liang

Madeline Clark
Joshua Cohen
Evelyn Cintner
Dorothy Curran
Jennifer de Brujin
Zachary Dearing
Alexander Dehnert
Owen Derby
Huayu Ding
Yasmine Doleynes
Chidimma Egwuchiri
Sarah Ferguson
Edward Flores
Melina Flores
Sarah Flowers
Lisa Foo
Nathaniel Forbes
Nathaniel Fox
Leonida Garbis
Eamon Glackin
Andrew Goessling
Lauren Gust
Dylan Hadfield-Menell
Alexandra Hall
Latifah Hamzah
Benjamin Harvatine
Stephen Hendel
Elise Hens
Davye Hunt
Sara Itani
Brittany Jones
Anne Juan
Kainar Kamalov
Jenna Kefeli
Nigel Kojimoto
Paul Kominers
Cecily Kopuzuha
Aaron Koski
Sarah Laderman
Benjamin Lerner
Daniel Levine
Stephanie Lin
Bohan Liu
Ruanidh Macdonald
Alexandra Manick
Jose Marquez, Jr
Ellen McIsaac
Zsuzsa Megery
Clark Minor
Emily Molina
Hilary Monaco
Pamela Montalvo
Brigitte Morales
Shannon Moran
Nicholas Myers
Natasha Nath
Antony Nguyen
Virginia Nicholson
Catherine Olsson
Ndubisi Onuora
Reece Otuka
David Parell
Ernest Park
Nicholas Pellegrino
Hannah Petton
Steven Pennybaker
Keshav Puranmalka
Alfred Ramirez
Javier Ramos
Christopher Reyes
Timothy Reynolds
Ram Rijal
Michael Rodrigo
John Rusczynski
Mariya Samoylova
Theresa Saxton-Fox
Eliana Schleifer
Emily Setz
Deema Totah
Sam Sinaei Estahani
Nina Sinatra
Daniel Singem
Jacqueline Soegaard

Amber Stangroom
Jaco Steinhardt
David Sternberg
Megan Tadde
Anupong Tangsueara-phichai
Victoria Thomas
Tyler Thompson
Bethany Tomenlin
Stephanie Tong
Deema Totah
Emily Tow
Abigail Van Hook
Alex Vaskov
Sean Vaskov
Apike Williams
Gordon Wintrob
Li Ying Wu
Lingyi Zhang

80%
CLASS PARTICIPATION
SENIOR GIFT CHALLENGE