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WEATHER, p. 2

FRI: 78°F | 54°F
Slight chance of storms
 SAT: 80°F | 60°F
Partly sunny
 SUN: 82°F | 62°F
Mostly sunny

Volume 132, Number 27

Friday, June 8, 2012



DAVID DA HE—THE TECH

Fred F. Chen G, PhD candidate in the Department of Electrical Engineering and Computer Science, receives his doctoral hood from Chancellor Eric Grimson PhD '80 and department head Anantha Chandrakasan in Rockwell Cage Thursday.

Sal Khan to deliver 2012 address

Record 80 percent participation in Senior Gift Challenge

By Maggie Lloyd
CONTRIBUTING EDITOR

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, 1,013 bachelor's degree, 1,605 master's

degrees, 17 Engineer Degrees, and 573 doctoral degrees were awarded. These figures include September and February graduates. At today's ceremony, 939 undergraduate students and 1545 graduate students will be present to receive their diplomas. According to Associate Director of MIT Career Services, Deborah L. Liverman, who cited results from this year's

senior survey, 38 percent of responding seniors 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

Commencement, Page 11

RLAD proposal stirs policy debate

Student gov'ts and GRTs express concern over process

By Deborah Chen and Jingyun Fan
EDITORS

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 revealed last week, when an anonymous source leaked a letter, written by Chancellor W. Eric L. Grimson PhD '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 student 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 living groups. While we have many great elements in place...there are still opportunities to enhance our students' well-being and sense of belonging," he wrote to *The Tech*. (The letter can be found on page 5, in *The Tech's* opinion section.)The RLAD position would replace and expand on the role of the existing Residential Life Associate position (RLA).

RLAD, Page 6

IN SHORT

Lose your commencement packet? Check <http://web.mit.edu/commencement/2012/schedule.html> for the departmental reception schedule.

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

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

The Tech is on our summer publishing schedule, with issues on June 13, July 11, and Aug. 1. We will resume regular Tuesday and Friday publication on Aug. 24.

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

FSILG participation in orientation grows

No major Midway changes

By Jessica J. Pourian
EDITOR IN CHIEF

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 recommend that all such bans be

FSILGs, Page 7

Reif selected as MIT's 17th president

Provost asks community to be 'frank' during listening tour

By Ethan A. Solomon
and Jessica J. Pourian
EDITORS

Provost L. Rafael Reif was elected MIT's 17th president last month at a special meeting of the MIT Corporation. He will officially replace President Susan J. Hockfield, who has served for seven years, on July 2, 2012. "I cannot tell you this is a dream come true, because this is a dream I never dared to imagine," said Reif at a May 16 press conference. He outlined his vision

for MIT, emphasizing the Institute's mission to advance teaching and learning. "I believe MIT should focus on Institute-wide innovations in teaching and learning," he said, adding that "every member of our faculty knows the thrill of teaching our 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 residen-

tial 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 alumnus. Reif suggested he may hold presidential "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 issue 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 — 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



CHRISTOPHER A. MAYNOR—THE TECH

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

AN APPEAL TO THE PRESIDENT-ELECT
The Tech welcomes Reif and outlines our hopes for his term.
EDITORIAL, p. 4

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.
OPINION, p. 5

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Iran threatens delays in talks on its nuclear program

By Rick Gladstone and Artin Afkhami
THE NEW YORK TIMES

Iran raised the possibility Wednesday of delaying or canceling the resumption of nuclear talks with the big powers, scheduled in less than two weeks, because of what it called dithering by the other side in holding preliminary meetings aimed at ensuring some success.

The warning, made by President Mahmoud Ahmadinejad and the office of Saeed Jalili, Iran's chief negotiator in the talks, came as its ambassador to the U.N. nuclear monitoring agency accused some of its inspectors of espionage.

Taken together, the messages suggest that Iran's leaders have decided to reduce expectations that the negotiations, which resumed in April after a 15-month suspension, would produce an agreement on the country's disputed nuclear program, or at least lead to an easing of the onerous sanctions imposed on Iran by the United States and the European Union. The sanctions are

scheduled to turn more severe July 1, when the European Union bans all imports of Iranian oil, the country's most important export.

The warning of a possible delay in the next round of talks, to be held in Moscow on June 18 and 19, was conveyed by Jalili in a letter to his counterpart, Catherine Ashton, the European Union's foreign policy chief and chief negotiator for the big powers: Britain, China, France, Germany, Russia and the United States.

Iran's official Islamic Republic News Agency, which reported the letter, said Jalili had expressed irritation over what he called "the EU failure to arrange experts' meeting led by deputies of the negotiators to draft agenda of the talks." The agency said this had "created an atmosphere of doubt and ambiguity for success of the Moscow talks."

Other Iranian news agencies said that Jalili's deputy, Ali Baqeri, had sent two letters to his counterpart in Ashton's office, Helga Schmid, requesting such a meeting and had received no response.

"The success of the Moscow

meeting depends on making the necessary preparations and drawing up a comprehensive agenda," the Mehr News Agency quoted Baqeri's letter as saying.

Ahmadinejad, who was in Beijing for regional cooperation talks, also expressed irritation, saying Ashton's office had failed to keep its promises.

"We believe that the West is after concocting excuses and wasting time," Ahmadinejad was quoted as saying by Iran's Press TV website.

A spokeswoman for Ashton, Maja Kocijancic, said in an emailed response for comment that Ashton had replied to the letter from Jalili and that she saw no need for further preparatory meetings.

"We are not against technical meetings in principle, but the time is not right," Kocijancic said.

Western diplomats said they believed that the Iranian requests for such meetings were part of a deliberate effort to bog down the process. Ashton and fellow negotiators have said they have no patience for stalling tactics or "talks for the sake of talks."

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 Kubic, 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 Rodehaver, 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.

—Alissa J. Rubin and Taimoor Shah, *The 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 brunt of the scrutiny, including a fiery round of questions from Sen. Sherrod Brown, D-Ohio. Brown asked whether the agency met a broad "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 was conducting "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 derivatives trading.

—Ben Protess, *The New York Times*

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 \$13.7 million in cash and pay out the rest in trading rebates to settle disputes by investors arising from technical malfunctions in Facebook's initial public offering May 18, the biggest technology IPO ever.

Nasdaq has 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 exchange.

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

Spain holds a trump card in bank bailout talks

By Nicholas Kulish and Raphael Minder
THE NEW YORK TIMES

BERLIN — The bargaining has begun over a deal to rescue Spain's ailing banks, 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 economies.

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 and pushing up stocks and bonds on both sides of the Atlantic.

Spain, the eurozone's fourth-largest economy, is too big too 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 emergency aid to their banks avoid the stigma in capital markets that has hobbled countries like Greece, Portugal and Ireland after accepting tough rescue 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 the 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, giving it leverage to argue that European aid to its banks should not come weighed down with a politically delicate loss of decision-making power over its own economic and fiscal policies.

Madrid's trump card in this lat-

est 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 for Spain, and are on the verge of doing just that.

German officials have said they are prepared to weather a Greek exit from the euro if necessary, but no such claims are made about 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 expensive steps political leaders in Europe need to take if they want to hold the eurozone together.

WEATHER

Clear weather finally returns to New England

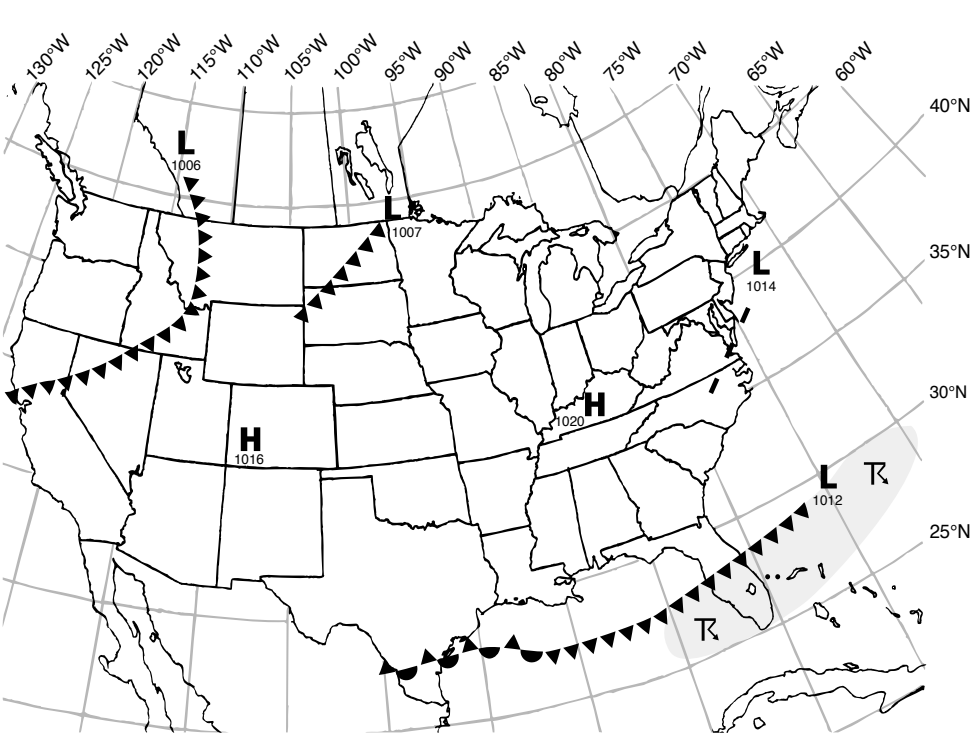
By Roman Kowch
STAFF METEOROLOGIST

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 models from this past week. But why? The answer was evident in the central Atlantic Ocean, where a much larger low pressure center was parked, preventing the weaker low from exiting our area.

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

Atlantic low has moved closer to Europe, allowing clear skies to reappear across New England. Warmer temperatures will accompany the sunshine for today and through the weekend, though small chances for rain and storms still remain. If the clouds manage to disappear, today's sun could provide enough energy for those storms to develop in nearby areas.

Overall, the weather for today's commencement exercises looks promising through the morning and early afternoon. Hats off to the Class of 2012 (including me!) for not only the academics, but for braving the (sometimes unpredictable) New England weather!



Situation for Noon Eastern Time, Friday, June 8, 2012

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	Trough	Snow	Fog
L Low Pressure	Warm Front	Showers	Thunderstorm
Hurricane	Cold Front	Light	Haze
	Stationary Front	Moderate	
		Heavy	

Compiled by MIT Meteorology Staff and The Tech

GRTs speak out, want discussion on RLAD policy

RLAD, from Page 1

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.

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

The leaked letter stated that Burton Connor, Maseeh, McCormick,

Next, Simmons, Baker, MacGregor, New, and Senior House were to see the new RLADs in the fall. However, since the leak, Grimson has said that while the majority of dorms will have an RLAD in time for the beginning of the semester, some dorms will have the opportunity to hold off and have more discussion before changes are made.

“There are some houses that are absolutely ready and we will move forward with them. There are other places that need more time for dialogue to give students a sense of what is going to happen,” he told *The Tech* in an interview on Wednesday. Students from these dorms will have the opportunity to collect residents’ 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 these would be.

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

these three dorms were not included because of size and other factors.

Controversy on campus

The leaked letter, dated May 29, 2012, sparked discussion on campus-wide email lists, with students and GRTs alike expressing concerns and surprise since this was the first time many had heard of the changes. In fact, the same day Grimson sent the letter to the housemasters, the GRTs had a meeting to renew their contracts with Henry J. Humphreys, Senior Associate Dean for Residential Life and Dining.

The contract had no mention of the RLAD developments, and only contained some small changes like dates on which GRTs had to be on campus, and clarifications on the pet policy. According to Kyle W. Gilpin G, a GRT on Fifth West in East Campus, “The impression we were given was that the GRTs would continue to report to their housemasters, and we were told, in very vague terms, that there were proposals on the table to change residential life.”

On various dorm mailing lists, some students suggested that the RLADs would disrupt the normal GRT, housemaster, and student communication lines, while others criticized the seemingly top-down nature of the decision which came at a time when most students had already left campus.

A large part of the campus controversy stems from the manner in which information about the RLAD position was released. “When we are told one thing,” said Chris L. Follett VIII G, who is a GRT on Third East at East Campus, “and there is information leaked that says something else, there are some questions about what the motivations are.”

Since the leak, Grimson has said that he plans to work closely with students, GRTs and housemasters in implementing RLAD changes.

“There will be student input — for example, when dorms get a new housemaster or GRT, they participate in the selection process, the same will go for the RLADs. It’s important to figure out how RLADs are going to fit into each dorm.”

Grimson is also working with the Undergraduate Association (UA) and Dormitory Council (DormCon) to determine how to best solicit student input.

Particularly concerning to many was the wording of the RLAD job description, especially the perception that GRTs would be overseen by the RLADs.

GRT Concerns

Some GRTs were concerned that the RLAD position described in the leaked letter would undermine trust between students and their GRTs. In a letter to *The Tech*, the GRT body expressed their concerns with both the decision-making process and the RLAD position itself (their letter can be found on page 5).

Follett emphasized that the goal of the letter is to start a dialogue. “The GRT body has no desire to have a giant fight about this — we really want to have an open discussion about student life.”

According to Follett, GRTs have a unique ability to communicate with students because they have lived with students and have similar educational experiences. “There is trust that is built from having a similar background. Having a housemaster that GRTs can report to only enhances that system, because they provide a different perspective on the same experience.” Follett says that students may have concerns talking to their GRTs if they know it will be reported to an administrators, because administrators tend to come from a different background and have potentially different goals. Undermining the communication line with GRTs, says Follett, undermines mental health at MIT.

Charles Lin G, former *Tech* editor and outgoing GRT who has served for four years at Burton Connor said, “It’s sad when changes like these are made without any input. It erodes student trust in process and administration as a whole. We have really tight bonds with people because students know we are not the eyes and ears of the administration. We’re here to give advice and be mentors, listeners.”

Gilpin stressed, however, that receiving only a letter without much context left many unanswered questions. There is not yet enough information to determine exactly how the RLADs will impact student life at MIT, he said.

“The effect will largely depend on how the position is implemented. If the RLADs become administrative oversight and end up having a really large involvement in student government or conduct, the culture could change significantly. If there is a perception that GRTs are responsible to the new RLAD position, that trust will break down and students will no longer feel comfortable coming to their GRTs to talk about sensitive issues.” However, Gilpin noted that if the RLADs remained in a support position by helping out with administrative tasks and event-planning,

they could be beneficial by eliminating some of the burden on GRTs and housemasters.

Though Grimson’s leaked letter says that the RLADs would have “broad oversight” of the day-to-day management of house operations, Grimson clarified in an interview with *The Tech* that GRTs will still report directly to the housemasters. “The idea that we are inserting people between housemasters and GRTs is incorrect,” he said. The housemaster and GRT relationship will remain unchanged, and the RLADs will be in a mostly support role, he added.

UA Response

Two days after the leak, representatives from the UA and DormCon met with Grimson, Humphreys and Dean for Student Life Chris Colombo to discuss the changes and the potential impact on students. “From this point forward it looks like the conversation between [students] and the administration has the potential to be a very healthy one,” wrote East Campus president Robert M. Johnson ’13, in a letter to his dorm’s residents. After the meeting, the decision was made to allow some dormitories originally slated to receive RLADs in the fall to have more time to consider alternative approaches to improving student support.

Jonté D. Craighead ’13 told *The Tech* that the UA and DormCon want to allow dorms to discuss the new policy and present their views to the DSL. “We want a process by which each of the dormitory communities, including students, housemasters, and GRTs are allowed to discuss how they would like the residential support system in their community to work,” he said.

Craighead says this dorm-specific approach was discussed as an alternative to a more centralized approach. He emphasized that “the kind of norms for culture and expectations for what is acceptable are very different for each dormitory, so it doesn’t make sense for even the UA or DormCon to say ‘this is the boiler plate for all solutions on campus.’ Where we can provide support, however, we will.”

To this end, the UA has launched an “Idea bank,” which allows for on-line discussion about student support and the RLAD developments. Craighead say the Idea bank was launched to provide the community with an opportunity to move discussion away from “unproductive comments that were taking place in large part on the mailing lists,” to a discussion about how “we as a student community could provide solutions for the residential support systems.”

Considering the tragic events of the past year, the administration and the student government are under pressure to strengthen the support system on campus. “Just saying ‘no’ to RLADs without suggesting an alternative solution is not going to be a very effective proposal,” Craighead said.

Everyone is wondering who “Tim Beaver” really is.

“He ruined my Friday night,” joked Craighead. “But he probably improved some other night weeks in the future...At the end of the day, things are moving in the right direction.”

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sports@tech.mit.edu

FSILGS more visible during orientation

FSILGs, from Page 1

lifted.” While this makes it seem that individual FSILGs will have booths at the Midway, this is not the case. As in years past, the FSILGs will be represented by their governing bodies; the Interfraternity Council (IFC), Panhellenic Association (Panhel), and Living Group Council (LGC). The motivation behind the recommendation was not to have individual FSILGs represented at the Midway, said Julie B. Norman, Senior Dean for the Office of Undergraduate Advising and Academic Programming, but to increase the general FSILG presence during orientation so freshmen can learn about the rush and recruitment process.

The IFC has not made any concrete decisions about running a week-long booth in W20.

“There’s been an artificially imposed barrier to providing information to students about fraternities and sororities,” Norman said, referring to strict rules on promoting Greek life during orientation. Freshmen don’t necessarily know very much about Rush and Recruitment, she added, and RCO hopes that increased exposure to Greek life during orientation week will help freshmen make decisions about joining a fraternity or sorority.

“Young women coming in don’t understand why some students de-affiliate and become [Panhellenic Recruitment Counselors],” Norman continued. “The recommendation was to ensure that information was provided to students to understand what the processes were.”

In the committee’s 2011 Orientation survey data, gathered from members of the Class of 2015, 59 percent of respondents who participated in Rush/Recruitment said they had “sufficient” or “very sufficient” information about FSILGs to make an informed decision about joining. Only 23 percent responded negatively.

Henry J. Humphreys, dean of residential life and dining and an RCO member, explained that “what [the committee was] hoping for was to allow the FSILGs to have an active role in on campus orientation and not be isolated.”

Even if FSILGs were permitted to have individual booths at the Midway, representatives from the group think it probably wouldn’t be a good idea. Eyas B. Alsharaiha ’13, speaker of the LGC, says living groups would decline to have individual booths anyway.

“We think it is better for us, regardless of the outcome, to have a single LGC booth for us during the Midway and Orientation,” he wrote in an email to *The Tech*, explaining that having a solid front is more effective in communicating with freshmen at the Midway.

Tommy A. Anderson ’13, president of the IFC, agrees. “It would be very difficult to allow individual fraternities to participate at the Midway, given the packed nature of the event,” he wrote in an email. “Given that Rush is already our defined period of time for individual chapter exploration, it would be unnecessary and inappropriate for us to al-

low any member organization to partake in the event.”

Orientation exposure

Officials emphasized that the increase in FSILG exposure would not manifest itself as more events or programs during Orientation. Instead, there will “likely be a table during orientation in the Student Center,” said Marlena Martinez Love, MIT’s assistant dean and director for FSILGs. “Not for individual chapters and organizations, but the three governing councils. That is supported by the UAAP as part of the orientation program. It had been done, it had been stopped for a couple of years, and is coming back.”

Love cited the RCO as the reason for this change, “The feedback that the [RCO] had gathered is that student did not have enough information to create informed decisions,” she said.

In order to educate freshmen about their residence choices and help them with the terminology of Rush/Recruitment, the LGC will also host a booth in the student center during orientation week.

“One example of FSILG presence in orientation is that the LGC will be having a booth in the Student Center to talk about the ILGs and the different options we offer, as well as when/how people can visit us,” Alsharaiha said.

The IFC has not made any concrete decisions about running a week-long booth in W20, though “that’s certainly something that we have been considering,” said Anderson.

The Greek Griller

The Greek Griller, which traditionally takes place directly after the class picture in Killian Court on the final day of orientation, has been moved to the day after orientation ends, September 1. This change is due to the new orientation schedule, which ends on Friday, August 31, with a class event at the New England Aquarium. Humphreys said that the RCO had recommended getting rid of the annual ice cream social event on Tuesday of orientation week so that residence halls could host their own events for freshmen. Norman mentioned that schedule changes also moved the swim test and biology advanced standing exam from Registration Day, which eliminated two official events conflicting with Rush/Recruitment.

Because of these changes, the Griller was pushed to Saturday. The UAAP worked with the leadership of FSILGs, who decided to move the Greek Griller to Kresge Oval, instead of the usual Killian Court location.

Rush timing

The report from RCO stated that “No subject generated more discussion, contention, and disagreement than the timing of FSILG Recruitment.” The RCO recommended that a second committee be appointed to look into the issue in more depth. When RCO was discussing the timing of Rush, it became clear that there was a lack of “hard data” such as any financial understanding, according to Humphreys.

This year, the timing of Rush will remain the same as it has been in the past — just after orientation. Humphreys hopes that the committee on recruitment will be in place by the end of the summer. The committee will be comprised of students and alumni from FSILGs, as well as Dean Hastings and Colombo.

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A titanic failure of management and policy

By Roberto Perez-Franco
STAFF WRITER

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, Lustgarten's recent book, deconstructs how the Deepwater Horizon "accident" was decades in the making, how short-sighted managerial decisions led to a culture where rhetoric ("safety remains our number one priority") cloaked sloppy operations for the sake of profit. The story unfolds like a train wreck in slow-motion, from the rise of John Browne as The One inside British Petroleum in the late 1980s to the moment Andrea Fleytas radioed "Mayday!" from a burning platform in the Gulf on the night of April 20, 2010. The conclusion is as damning as it is terrifying: The great 2010 oil spill was the direct result of BP's quick and dirty approach to business. And although it was utterly avoidable, a similar or worse disaster may happen again.

April 2012

A careful reading of *Run to Failure* will leave the reader with a clear understand-



ing 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 indus-

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.

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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 DiSanto ’15. And, according to Stephanie A. Ihezie ’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 humankind,” 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 1980. 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



TIFFANY IRA HUANG—THE TECH

Reif with pancakes! The president-elect serves pancakes to MIT students at the Flapjacks for Finals event at Lobdell on May 20.

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. Zesiger 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 proceeded,” said Reed in a statement through the News Office.

“The committee members are overjoyed by Rafael’s selection,” added Champy.

Reif receives tokens of office

After Reif’s speech, President Hockfield presented the provost with two gifts — an old copy of Robert’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 Vice 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. Hawkinson contributed reporting to this article.



CHRISTOPHER A. MAYNOR—THE TECH

Student advisory group members gave Reif Brass Rat-style napkin rings as a welcoming gift.



CHRISTOPHER A. MAYNOR—THE TECH

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



TIFFANY IRA HUANG—THE TECH

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.



DAVID DA HE—THE TECH

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

3,200 degrees awarded

Senior Gift gets \$30K matched donation

Commencement, from Page 1

masters students will be working in the US whereas 15 percent will be outside the US, Liverman said.

As of Wednesday afternoon, half of the senior class had responded to the survey, which opened two weeks ago.

This year’s commencement address will be given by Salman A. Khan ’98, the founder of the not-for-profit Khan Academy online educational organization.

Khan’s site hosts more than 3,200 on-line tutorials with more than 6 million monthly viewers.

Khan, 35, is MIT’s youngest commencement speaker in at least 30 years and was recently named by *Time* magazine as one of the world’s 100 most influential people. On May 12 this year, Khan gave his first commencement address at Rice University.

As *The Tech* reported on Dec. 6, Khan was the senior class president as an undergraduate at MIT and earned a bachelor’s and master’s in Course 6 (Electrical Engineering and Computer Science) along with a bachelor’s in Course 18 (Mathematics). He also served on the committee that advises the MIT President in choosing a commencement speaker the year that U.S. President William J. Clinton and AIDS researcher David Ho spoke.

Also addressing the graduates will be Nathaniel S. Fox ’12, the president of the class of 2012 for the past three years. His speech, he says, focuses on the idea that “the unexamined life is not worth living.” He aims to encourage seniors to avoid losing sight of the “big picture” in life and to “have purpose, have meaning, and have something that drives” them as they leave MIT.

2012 was the class that saw a visit from President Obama, the search for a new MIT Chancellor and President, the opening of a new undergraduate dorm, and the flight of its brass rat in space. As a final notch in its legacy, the Class of 2012 set the record for participation in the Senior Gift Challenge.

In 2000 only about a quarter of the se-

nior class participated in this program, as MIT President Susan A. Hockfield mentioned at the Champagne toast to kick off Senior Week last Friday. Since then, participation has increased to 76 percent with the class of 2011, and so the class of 2012 Senior Gift committee set a goal of 80 percent class participation. The class of 2012 just barely met this goal, setting a new record of 80.5 percent participation, according to Zachary R. Dearing ’12, co-chair of the Senior Gift committee with Philip D. Hunt ’12.

In the past, the seniors have donated to a single cause on behalf of the Institute. “This year there isn’t a single senior gift — instead, every donor got to decide where their donation would go to whether a sports team, dorm, extracurricular activity, etc.,” Dearing said.

The strategy to get a new record of participation? Dearing said his committee of about 25 seniors “living in all different dorms and involved in many different sports and activities on campus” set “baby goals” along the way to inch the senior class’ participation up over the year.

Because the seniors met the 80 percent goal, Lois Champy MAR ’71 has pledged to donate \$30,000 to the Institute.

Despite the rainy week, the seniors spent their last days as undergraduates at a variety of fun events as part of Senior Week. From clubbing at The Estate to sky-diving in northern Massachusetts to riding rollercoasters at Six Flags New England, the events organized by the Senior Week committee, chaired by Kimberly M. Sparling ’12 and Carter A. Chang ’12, marked a memorable end to the seniors’ time at the Institute.

Sparling said the experience of organizing these events has been rewarding despite the challenging logistics.

“It’s great to see classmates really enjoying themselves and relaxing,” she said. “It’s also cool to meet a lot more seniors than I knew previously; we go to events and check people in, so I feel like I know a good portion of our class now.”



JOHN A. HAWKINSON—THE TECH

Fake eyes appeared perched atop Lobby 7 on May 17.

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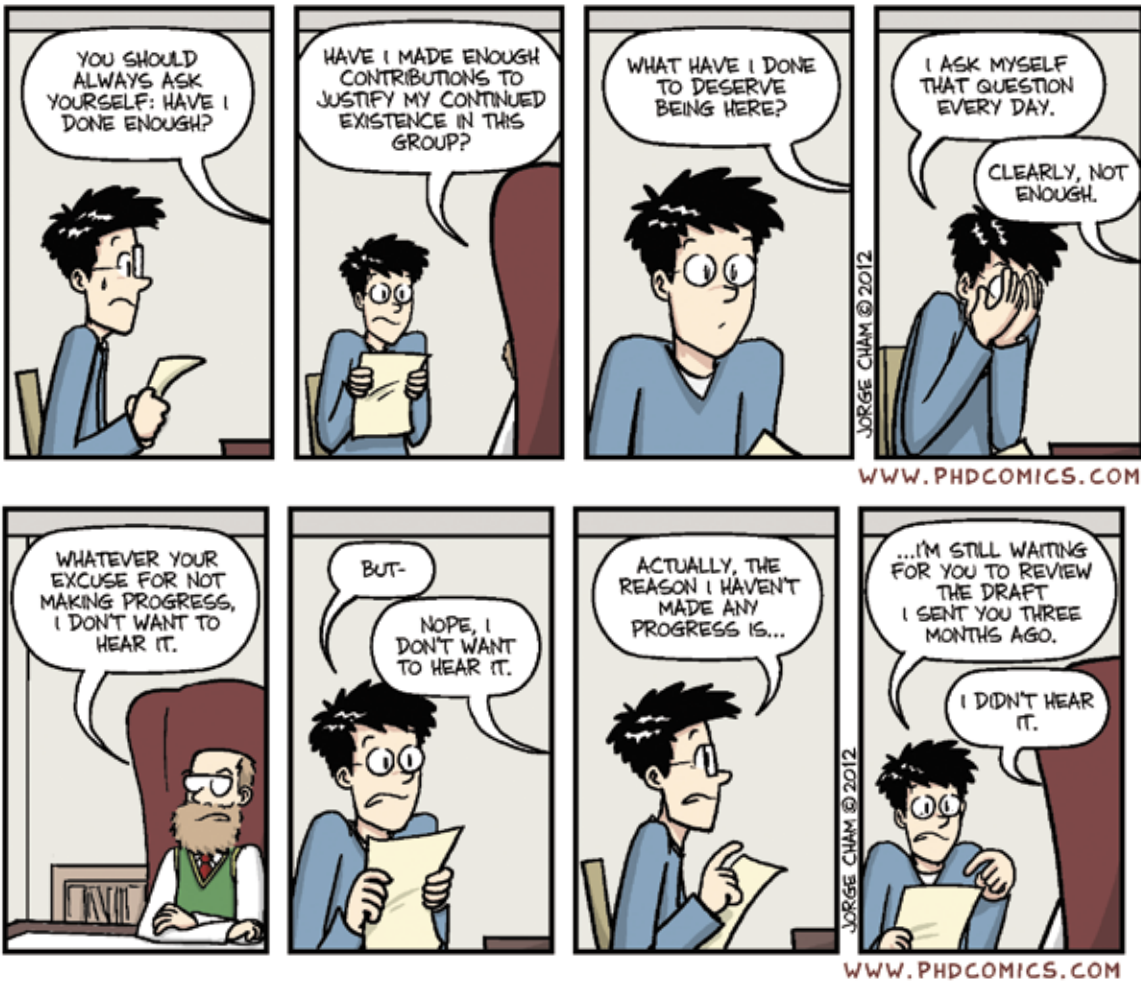
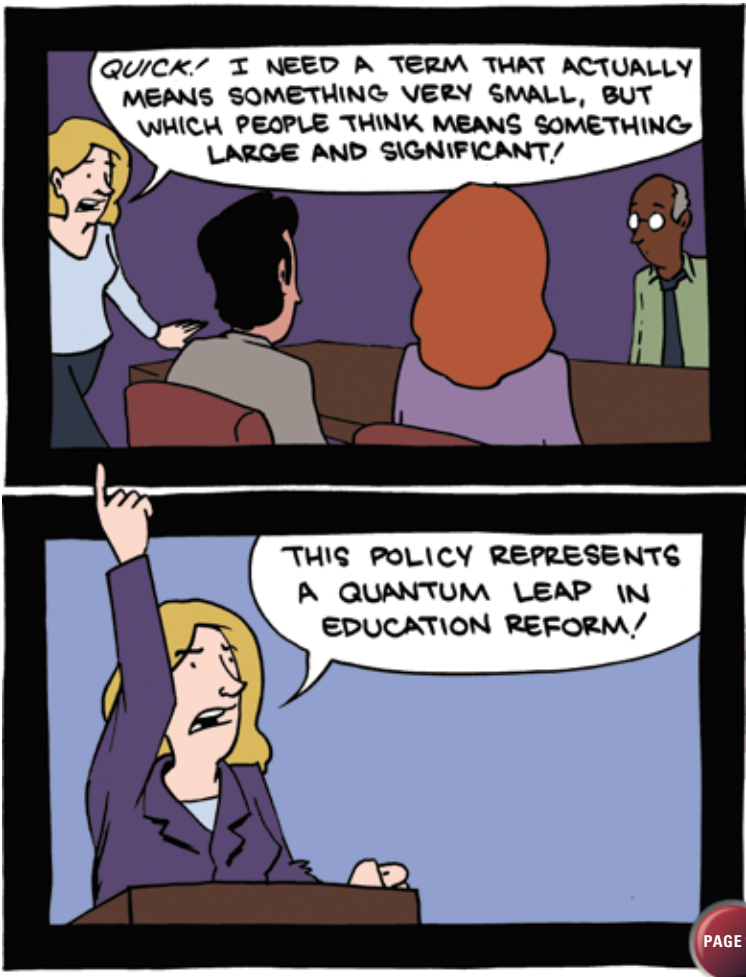
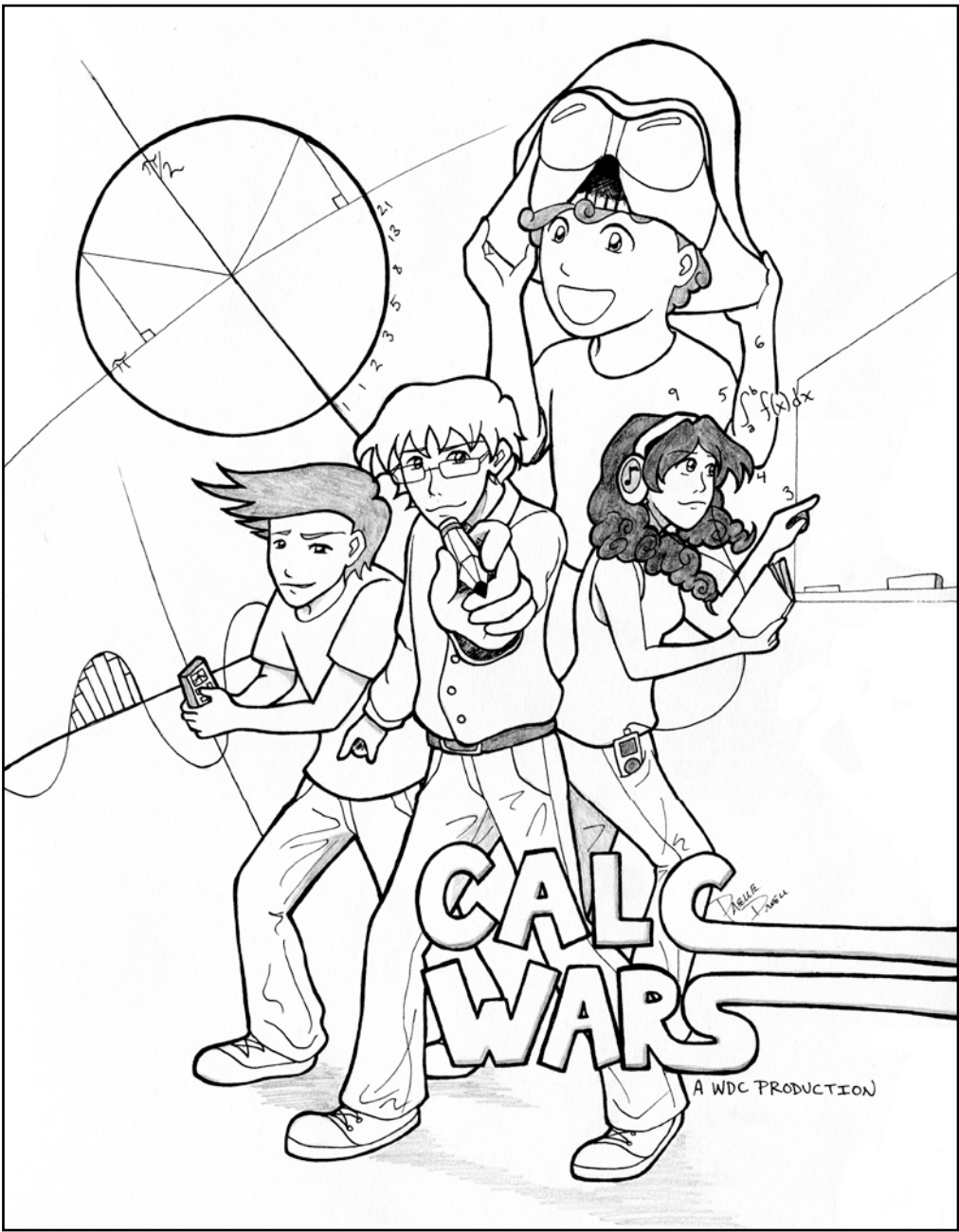
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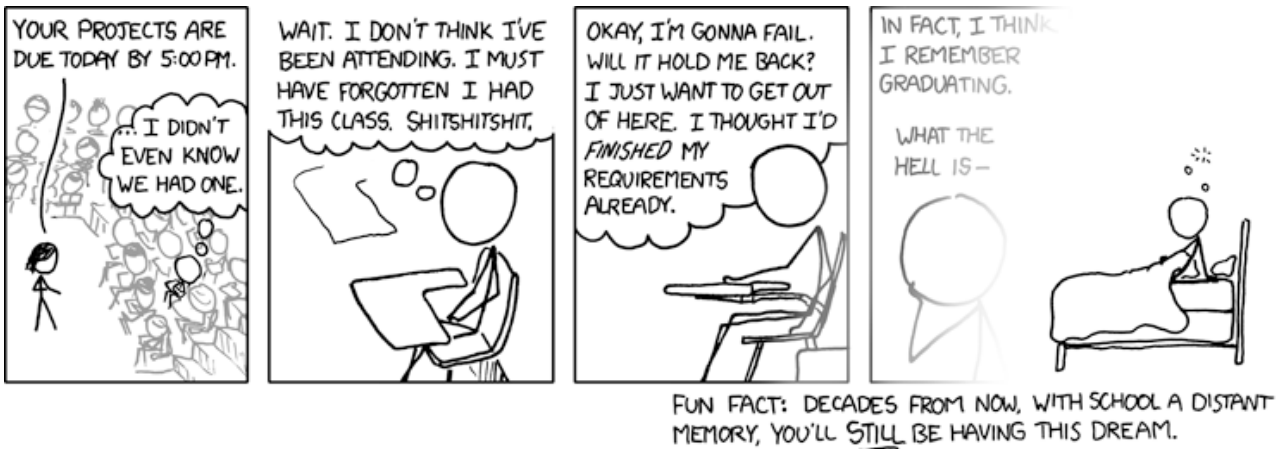
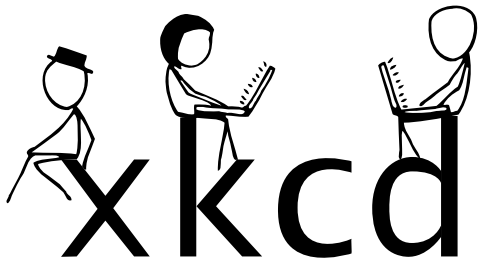
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We Do Calculus

by Paelle Powell



[557] Students

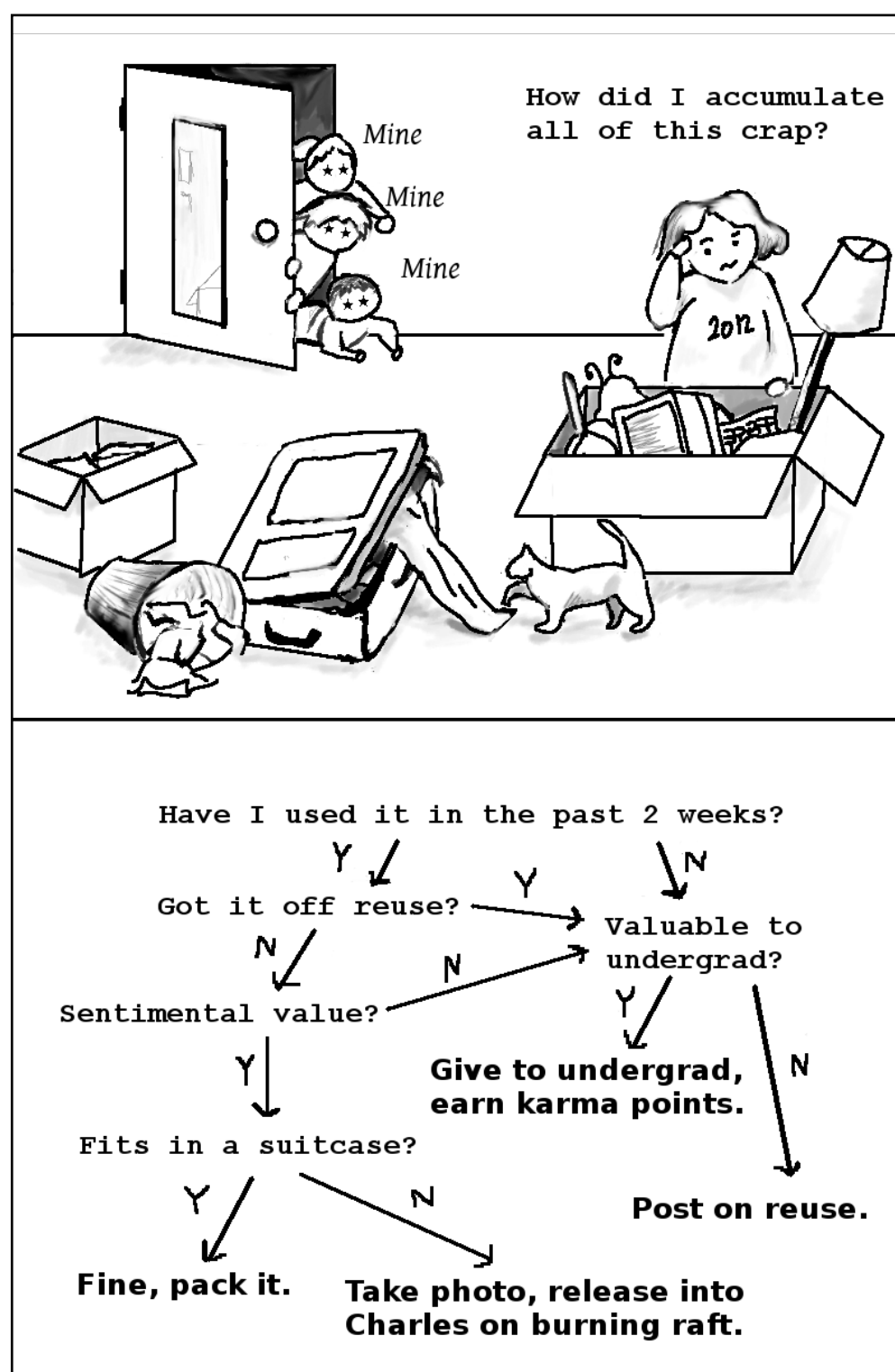


The same goes for the one where you're wrestling the Green Ranger in the swimming pool full of Crisco. You guys all have that dream, right? It's not just me. Right?

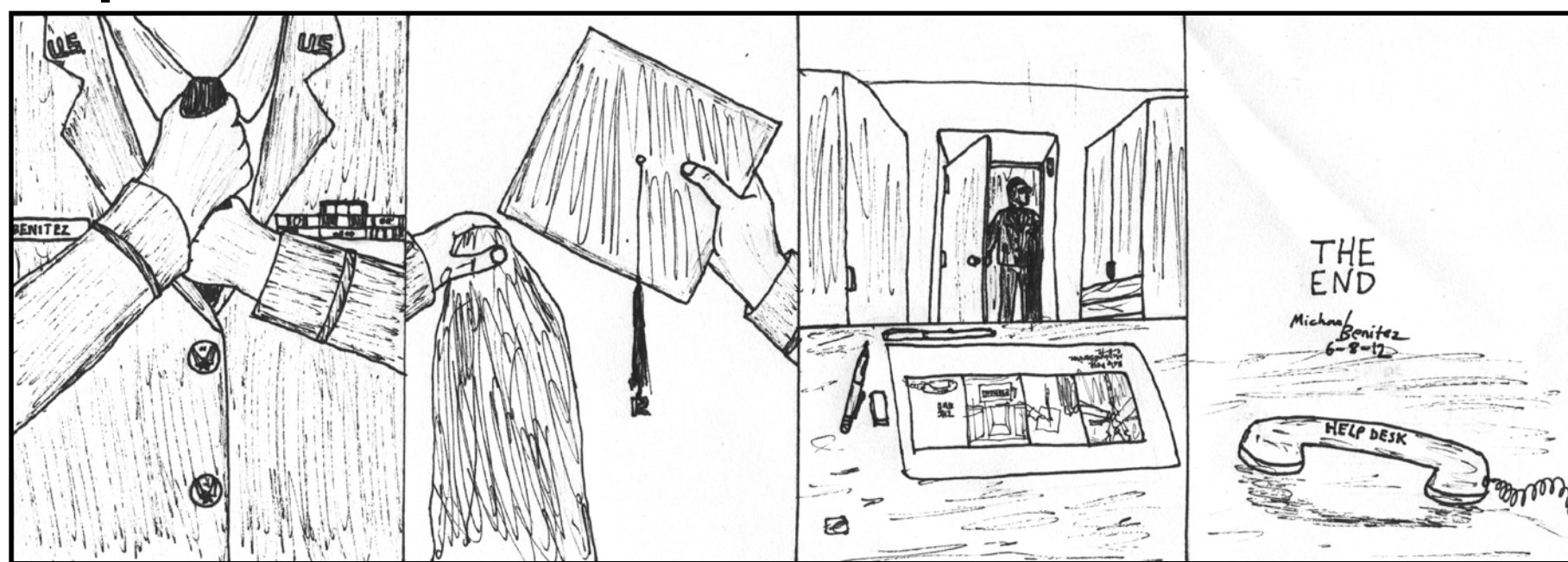
Beaver Tails by Ranbel Sun



Beaver Tails by Ranbel Sun

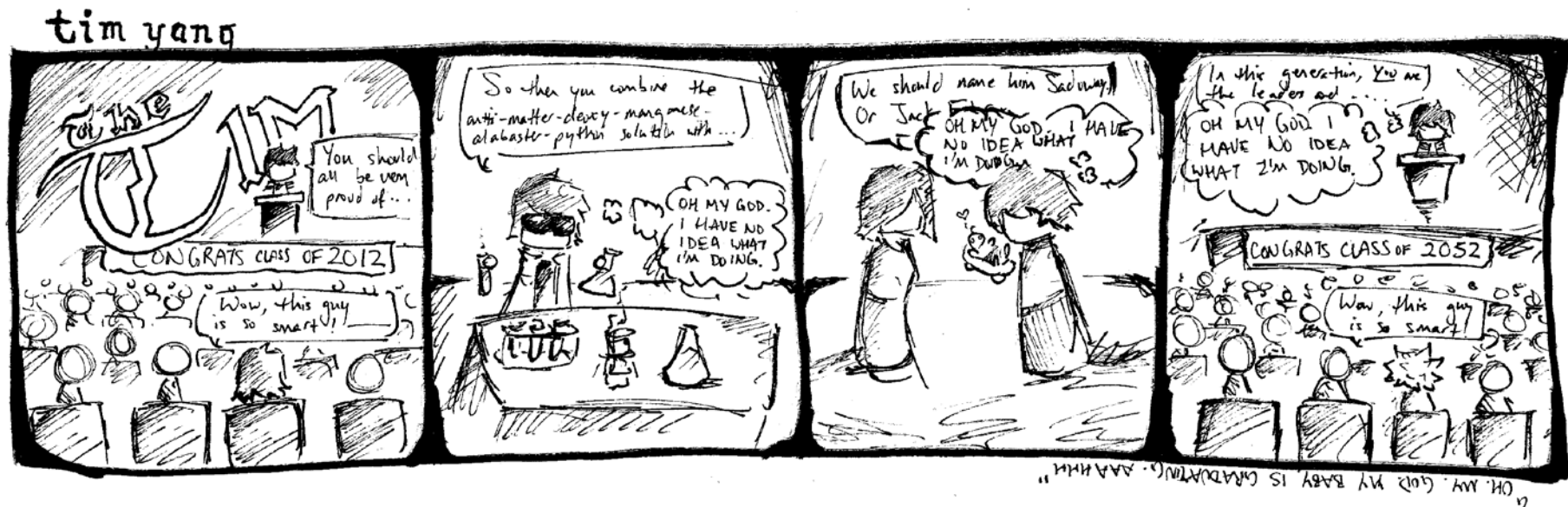


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54 Voiced
55 Icy oval
56 Won't stop gabbing

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6+			1		3

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.

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

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

By John A. Hawkinson
STAFF REPORTER

MIT has released its compensation and salary data for calendar year 2010, as part of MIT’s 2010 tax return filed on May 15, 2012. (MIT’s 2010 tax year is its fiscal year 2011: from July 1, 2010 to June 30, 2011.) President Hockfield broke the \$1 million dollar barrier in her total compensation for the first time for any MIT president.

MIT President Susan J. Hockfield had a “reportable compensation” of \$832,629, up from \$791,259 in 2009. (Her “total compensation” was \$1,006,969, up from \$931,603. Total compensation includes retirement and deferred compensation, as well as \$120,685 of “nontaxable benefits.”)

Comparison with Harvard

Hockfield’s reported numbers are higher than Harvard President Drew Gilpin Faust, just as they were last year. Faust’s total compensation was \$875,331.

Despite more total compensation, though, Hockfield’s base pay is actually lower than Faust’s. Hockfield’s base pay — her actual salary — was \$652,129, whereas Faust’s was \$705,714. The difference comes down to “other reportable compensation,” which adds to base pay to produce the reportable compensation. Hockfield’s was \$180,500, compared with Faust’s \$8,280. Much of

that number is \$125,000 paid into an “account for the benefit of the president.” Hockfield will be able to access that account when she ceases serving as President next month. Hockfield tops Faust on “retirement and other deferred compensation”: \$53,655 versus \$31,410.

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 the MIT Investment Management Company. Alexander’s total compensation was \$1,316,463, 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 benchmarks.”

Sloan School faculty

As always, the list includes several Sloan School of Management professors, who derive additional money from Sloan’s Executive Education program. That program teaches classes to management executives in major companies, frequently during the summer. Sloan faculty who participate do so as part of their outside professional activities. Under MIT policy, faculty can perform private

work for up to one day a week. The compensation from Executive Education is comparable to what those faculty would receive from truly outside consulting jobs, but because they are paid by MIT, that income appears on MIT’s tax return. Professors Nelson Repenning PhD ’96 and

Hockfield’s reported numbers are higher than Harvard President Drew Gilpin Faust, just as they were last year.

Donald Lessard, 4th and 8th on the list, appear because of Sloan Executive Education.

But number three on the list is David C. Schmittlein, Dean of the Sloan School, with \$716,442 in reportable compensation. Scmittlein’s large compensation does *not* derive from Executive Education. His base compensation is \$578,317, and he has other reportable compensation of \$138,125. No other deans appear in MIT’s top seven compensated employees. Schmittlein said he did not know what led to his particular compensation, but noted: “When I was joining MIT in 2007, the Institute was challenged to match my prior compensation. But I do not know exactly why the president and provost chose me as dean.”

MITIMCo bonuses

Also on the list are two MITIMCo employees, Steven C. Marsh and

Daniel Steele. Marsh is in charge of real estate, and Steele deals with private equity. Marsh and Steele both received \$317,177 in incentive compensation. Their incentive compensation fell from last year’s \$363,000, while Alexander (the MITIMCo President)’s incentive compensation rose by \$213,354, or 43 percent of the 2009 figure. Alexander did not respond to a request to explain why his compensation rose and his lieutenants’ fell.

Additionally, a supplemental section of the 990 form states that the main numbers do not include additional incentive compensation for Alexander, Marsh, and Steele

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

of \$141,327, \$59,713, and \$59,713 respectively, because “these amounts can increase or decrease depending on the performance of the endowment and are contingent on continued employment by MIT.” While similar language appears on prior year’s tax forms, there is no information about how those numbers increase or decrease, so there is no real basis for comparison.

Additional information

Several of MIT’s highest compensated employees, including

President Hockfield, also served as directors 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.

The Chronicle of Higher

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

Education does a yearly comprehensive analysis of presidential salaries for private schools in higher education. Unfortunately, the *Chronicle’s* summary for 2010 is not yet available. The 2009 summary was published in December 2011 and is available at <http://chronicle.com/article/Executive-Compensation/129979/> for *Chronicle* subscribers (the MIT Libraries subscribe). The *Chronicle’s* survey of public universities was updated last month, however.

Selected other university presidents’ 2010 compensation

University	President	2010 Paid Comp.	2010 Total Comp.
MIT	Susan J. Hockfield	\$1,260,427	\$1,316,463
Harvard University	Drew Gilpin Faust	\$713,994	\$875,331
Yale University	Richard C. Levin	\$1,187,767	\$1,616,066
Princeton University	Shirley Tilghman	\$784,885	\$902,205
Boston University	Robert A. Brown	\$830,046	\$1,141,330

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 and Stanford University provide the 990 on their web sites (Stanford’s is not included 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 News Office provided the form in response to a request from the tax office.

Outside compensation of MIT officers serving as directors of public companies

Name	Company	2010 Compensation
Susan J. Hockfield <i>President</i>	General Electric	\$298,542
L. Rafael Reif <i>Provost</i>	Schlumberger	\$280,695
Theresa M. Stone <i>Executive VP and Treasurer</i>	Progress Energy	\$257,827
Claude R. Canizares <i>VP for Research & Associate Provost</i>	L-3 Communications	\$223,498

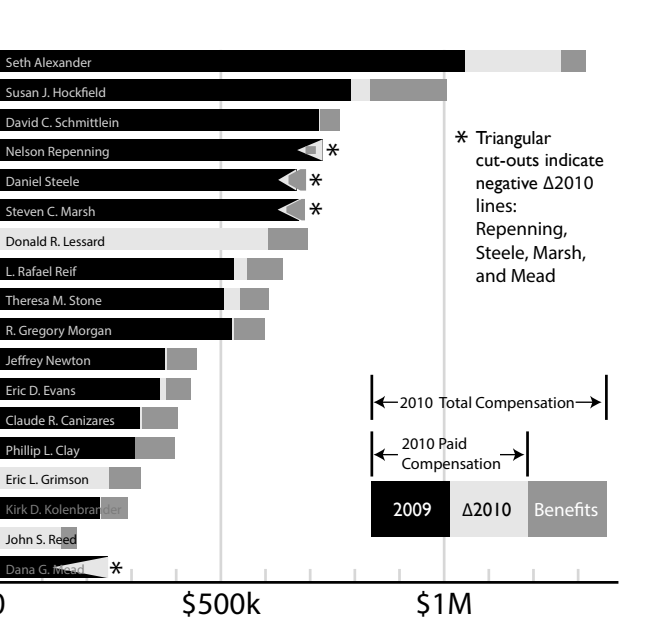
SOURCE: SECURITIES AND EXCHANGE COMMISSION, GENERAL ELECTRIC, SCHLUMBERGER, PROGRESS ENERGY, L-3 COMMUNICATIONS

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.

2010 Top Salaries at MIT

Name	Title	2010 Base Compensation	2010 Paid Compensation	2010 Total Compensation	2009 to 2010 %	Δ	2008 to 2009 %	Δ
Seth Alexander	MITIMCO President	\$522,426	\$1,260,427	\$1,316,463 †	+20%	\$214,794	+18%	\$158,807
Susan J. Hockfield	President	\$652,129	\$832,629	\$1,006,969 *	+5%	\$75,366 †	+1%	\$4,536 †
David C. Schmittlein	Dean of Sloan School	\$578,317	\$716,442	\$761,621	-0%	-\$2,281	-6%	-\$47,628
Nelson Repenning	Professor, Sloan School	\$103,127	\$670,880	\$714,284 ‡	-8%	-\$38,911	+3%	\$22,686
Daniel Steele	MITIMCO, Private Equity	\$304,629	\$628,356	\$690,825 †	-6%	-\$40,088	+21%	\$117,737
Steven C. Marsh	MITIMCO, Real Estate	\$303,320	\$627,047	\$688,393 †	-7%	-\$44,015	+23%	\$124,393
Donald R. Lessard	Professor, Sloan School	\$261,185	\$606,436	\$695,337 ‡	did not meet 2008 reporting threshold			
L. Rafael Reif	Provost	\$487,168	\$556,914	\$638,527 *	+5%	\$23,730	+3%	\$16,457
Theresa M. Stone	Executive Vice President	\$493,102	\$542,655	\$606,665 *	+7%	\$35,933	-3%	-\$13,363
R. Gregory Morgan	General Counsel	\$466,801	\$529,601	\$597,124	+1%	\$6,593	+4%	\$20,096
Jeffrey Newton	VP, Resource Dev.	\$367,502	\$379,465	\$445,514	+1%	\$4,142	+3%	\$10,702
Eric D. Evans	Director, Lincoln Lab	\$364,032	\$375,472	\$432,642	+3%	\$16,607	+4%	\$14,158
Claude R. Canizares	VP for Research	\$291,114	\$323,756	\$403,078 *	+2%	\$1,963	+3%	\$8,397
Phillip L. Clay	Chancellor	\$275,307	\$306,718	\$396,717	-0%	\$9,038	-6%	-\$18,285
Eric L. Grimson	EECS Dept. Head	\$229,029	\$249,827	\$319,843	did not meet 2008 reporting threshold			
Kirk D. Kolenbrander	Corp. Secretary	\$231,784	\$231,784	\$292,145	+2%	\$6,694	+12%	\$24,705
John S. Reed	Corp. Chairman	\$142,783	\$142,783	\$176,633 §	did not meet 2008 reporting threshold			
Dana G. Mead	Corp. Chairman	\$122,685	\$122,821	\$122,821 §	-50%	-\$179,749	-2%	-\$4,586

Some employees in this range omitted



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

“Base compensation” is “nondiscretionary payments to a person agreed upon in advance, contingent only on the payee’s performance of agreed-upon services (such as salary or fees),” from column B(i) of Schedule J Part II of the form.

“Paid compensation” is the “reportable compensation from the organization (W-2/1099-MISC)” column from Part VII 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 percentage changes (% columns) are based on paid compensation, but the differences (Δ) are based on total compensation.

Form 990 includes compensation to current and former “officers, directors, trustees, and key employees” as well as “the five current highest compensated employees,” of which Donald R. Lessard is the lowest-compensated. Therefore, the list beneath Lessard is not comprehensive.

† MIT Investment Management Company (MITIMCo) employees compensations do not include incentive compensation which “could have increased or decreased depending on the performance of the endow-

ment” and are contingent on continued employment by MIT.

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

‡ Professors Repenning and Lessard appear because of their participation in the Sloan School of Management’s Executive Education program (see <http://mitsloan.mit.edu/execed>). Repenning is faculty director of the BP Operations Academy

§ John S. Reed took over as Chairman of the MIT Corporation from Dana G. Mead in July, 2010. Each served for half of a term, and their compensation reflects that.

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
STAFF REPORTER

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 buildings 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 of campus east of Ames Street currently oc-

cupied 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 been 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 Jonathon A. King (Biology), 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 absence 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 faculty whose views have not been heard. Given the irreversible nature of the commercial leasing and construction, with half-century time lines, much open faculty discussion is a minimal step."

June FNL

The June issue of the Faculty Newsletter, published Wednesday, carried an editorial: "Save MIT Campus Land for Academic, Not Commercial, Uses." The editorial noted 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 '88 (associate provost for space), and Israel Ruiz SM '01 (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.")

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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. Gallop, 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. Owu '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."

Solution to Crossword

from page 14

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

Additional materials on Kyaw accident expected

The Tech has filed public records requests seeking additional information about the accident investigation into the death of Phyto 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 to not prosecute the truck driver. The DA's office will also supply video of a witness interview, surveillance video from MIT (presumed to be from a camera mounted on 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.

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Solution to Sudoku

from page 14

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

Solution to Techdoku

from page 14

3	5	1	2	6	4
6	2	4	5	3	1
4	6	2	3	1	5
1	3	5	6	4	2
5	1	3	4	2	6
2	4	6	1	5	3



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A paradoxical graduation

Commencement continues, despite loss

By Christine Yu
STAFF WRITER

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 “Happily Ever After?” in which I described meeting someone so special that I didn’t want to write about relationships anymore. I feared jinxing 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 wouldn’t do our relationship any justice. Ironically, writing (my major), along with biology, was one of the subjects he hated the most. However, I don’t think that I would’ve studied either of these subjects had it not been for his encouragement. He always told people that we fell in love while taking Introductory Biology together. I didn’t know how to study before I met him, and we would spend hours together 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 my 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-

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

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. 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. It is such a bizarre feeling to have to go through so many celebrations at a time when I’m also grieving the loss of someone so instrumental to my graduation. I remember during my partner’s graduation, I almost lost his tickets. He handed me an open envelope on a windy day without telling me the contents, and I careless

swung it around Kendall Square. While he tried to get them to reissue the tickets, I frantically searched the area. “I don’t even know what the tickets are supposed to look like! You say it’s a piece of paper, but what size?” I angrily snapped at him, “Is it like the size of that paper there?” After I found the first graduation ticket, which had been turned over by the wind right in front of the T Stop, I carefully picked apart the area, finally finding them behind some bushes. I had never felt as guilty as I did during the moments when the tickets first went missing. When I first met his parents for

dinner the night before graduation, he told them to be very careful with the tickets, mentioning the wind had previously blown them away, but I had found them. He never mentioned how I was the one who almost lost them. His graduation brought me such an immense sense of pride. It saddens me that my graduation just can’t have the same amount of celebration that he had. I know this should be one of the happiest moments of my life, but I still feel like I’m just going through the motions. Without the support of an amazing few individuals, it would have been much more difficult for me to make it through MIT. I was very fortunate to have spent three years with my partner. However, there have been so many other people like my teachers and parents that have played a large role in my MIT career, and I will always be eternally grateful for the support that I received from the MIT community. With all of these changes happening at once, I’ve come to realize that I don’t know what the future holds. However, I suspect that saying goodbye to MIT will only be temporary. My partner would always tell me he couldn’t believe that he was still walking in the Student Center seven years after he first entered, and I hope one day I will have the same feeling.

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Taking a swing at the French Open

Djokovic, Nadal, and Federer will compete for tennis grand slam title

By Nidharshan Anandasivam
STAFF REPORTER

The 2012 French Open is in full swing, and the men’s side is still in contention, competing for the top spot at the Roland Garros in Paris. Top-seeded Novak Djokovic of Serbia will face third-seeded Roger Federer of Switzerland in the upcoming semifinals. In the process of reaching this stage, the 30-year-old Federer has dropped five sets, one in each of his second through fourth round matches and two in his quarterfinal match against the ninth-seeded Argentinian Juan Martin Del Potro. Djokovic won his first three matches of the tournament in straight sets but had to grind out his last two, both five-setters. Although Djokovic has never reached the finals of the French Open, he entered this year’s tournament with great confidence after having won the last three grand slams — 2011 Wimbledon, 2011 US Open, and 2012 Australian Open — all three of them involving victories over Rafael Nadal of Spain in the finals. In order to win, Federer will have to keep his first serve percentage high so that Djokovic will have a tougher time returning and breaking Federer’s service games. If he doesn’t, the younger Djokovic should win most of the long rallies with his endurance and agility. Federer looks to add a seventeenth Grand Slam to his impressive resume, while Djokovic seeks his first ever French Open title. On the bottom half of the draw, second-seeded Rafael Nadal of Spain will face fourth-seeded Andy Murray of the United Kingdom in the semifinals if they both win their quarterfinal matches. In the quarterfinals, Nadal and Murray will face Nicolas Almagro of Spain and David Ferrer of Spain, respectively. Nadal has won all of his matches in straight sets so far, while Murray has dropped two sets, one in each of his second and fourth round matches. Nadal’s excellent speed, court coverage, and finishing strokes should lead him to the French Open Finals; however, winning the finals, will be a difficult task regardless of whether he plays Federer or Djokovic. Nadal has won six of the last seven French Opens since 2005 and hopes to win his seventh this year. Expect some hard-fought matches and brilliant play from these top four performers in the coming days.

Congratulations to The Tech's Class of 2012

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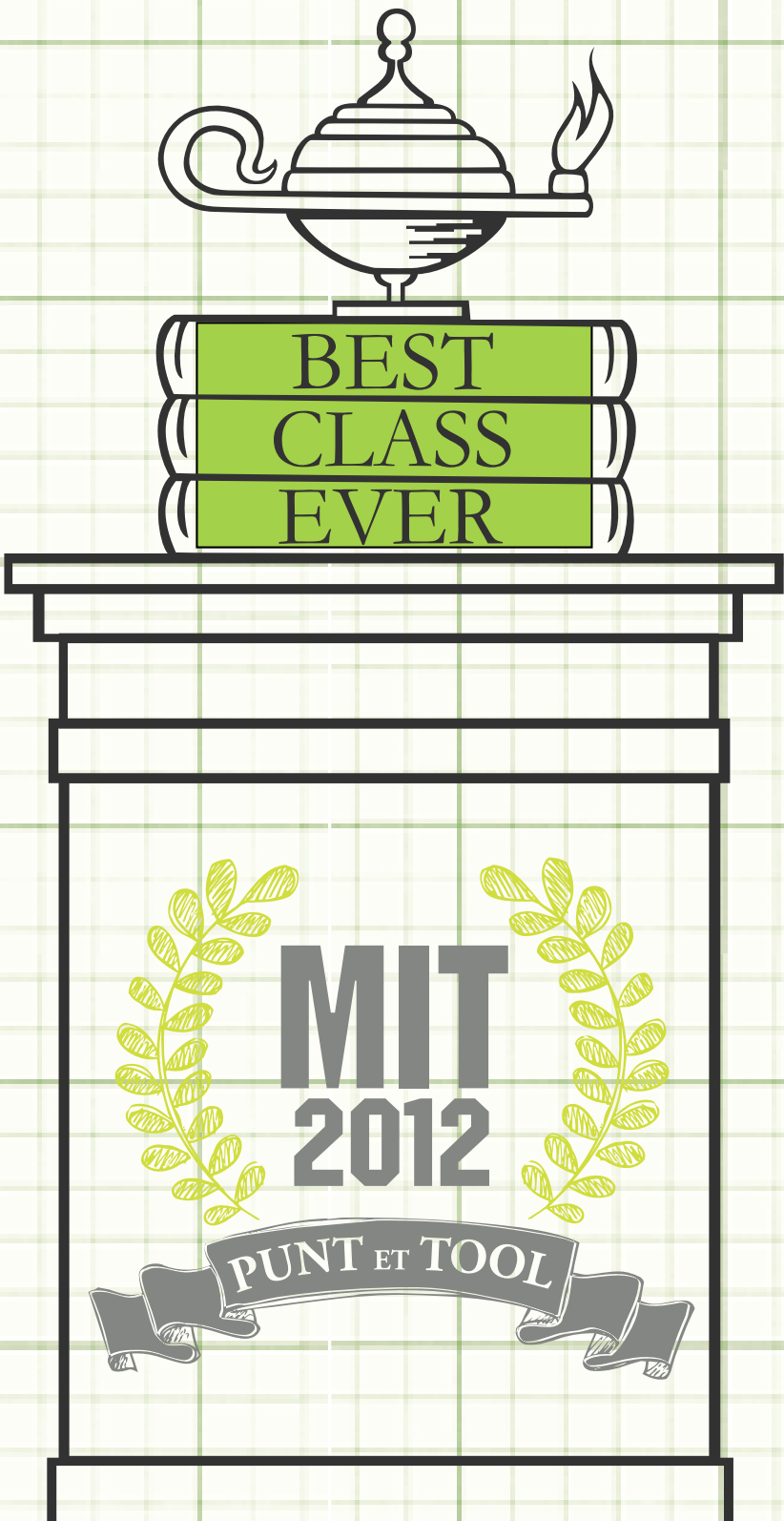
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