Institute announces final design for new nanotech laboratory
$350 million facility will stand in the current location of Building 12

By Kath Xu
NEWS EDITOR

Starting in spring 2018, MIT nanotechnology researchers will no longer have to go to Harvard to find suitable lab equipment. On Tuesday, MIT announced that it has committed $350 million to the construction of a new state-of-the-art nanoscale research facility.

Dubbed “MIT.nano,” this build-
ing will be located at the heart of MIT’s campus and take four years to complete. Construction will be-
gin in June, but will significantly af-
dict access to parts of campus near Building 12, the future site of the new structure.

According to the NAS’s an-
nouncement, new members are elected “in recognition of their distinguished and continuing achievement in original re-
search.” There are now a total of 2,214 active NAS members.

Four MIT professors are among the 84 members newly elected to the National Academy of Sciences this year, according to an MIT News Office press release. The new members, announced Tuesday, are economics professor Daron Acemoglu, brain and cognitive sciences professor Emery Brown, biology professor Alan Grossman, and Earth, Atmospheric, and Plan-
etary Sciences professor Timothy Grove.

Including these new members, MIT now claims 77 MIT faculty members who have been elected to NAS.

In an unprecedented move, the U.S. Department of Education re-
leased a list Thursday of 55 colleges across the country — including six in Massachusetts — facing federal investigations into their handling of sexual assault and harassment complaints.

Harvard College, Harvard Law School, Boston University, Emer-
son College, Amherst College, and the University of Massachusetts Amherst are among the schools under scrutiny for compliance with Title IX, a federal law that pro-
hibits sex discrimination. Also on the list are two other New England schools, the University of Connect-
icut and Dartmouth College.

The publication of the list, tied to a White House push to hold col-
ses more accountable for how they handle sexual assault cases, was praised by students who want to increase attention on the problem.

“In the last two years we’ve seen a lot of things, sexual assault is happening, and we need to be more aware of it,” said Acemoglu. “But now it’s explod-
ing and it’s really becoming its own field.”

Nanotechnology has entered every part of engineering.

“Part of the reason why people keep using the Harvard facilities is

Six Mass. colleges scrutinized for sexual assault case handling
Harvard College and Law School, Emerson College, Boston University among 55 schools named by feds

By Evan Allen
THE NEW YORK TIMES

In an unprecedented move, the U.S. Department of Education re-
leased a list Thursday of 55 colleges across the county — including six in Massachusetts — facing federal investigations into their handling of sexual assault and harassment complaints.

Harvard College, Harvard Law School, Boston University, Emer-
son College, Amherst College, and the University of Massachusetts Amherst are among the schools under scrutiny for compliance with Title IX, a federal law that prohib-
bits sex discrimination. Also on the list are two other New England schools, the University of Connect-
icut and Dartmouth College.

The publication of the list, tied to a White House push to hold col-
ses more accountable for how they handle sexual assault cases, was praised by students who want to increase attention on the problem.

“In the last two years we’ve seen a lot of things, sexual assault is happening, and we need to be more aware of it,” said Acemoglu. “But now it’s explod-
ing and it’s really becoming its own field.”

Nanotechnology has entered every part of engineering.

“Part of the reason why people keep using the Harvard facilities is

MTnano from in front of Building 13, looking east toward Building 26.

MT.nano, Page 14

PHD ’09, who uses nanomaterials to develop minimally invasive medi-
cal treatments.

“For a long time, [nanotechnol-
ogy] was just science and we were

playing in the lab and doing mea-
surements and it was really fun,” said Anikeeva. “But now it’s explod-
ing and it’s really becoming its own field… Nanotechnology has entered every part of engineering.”

“Part of the reason why people keep using the Harvard facilities is

The bassist for Scavenger Hunt performs on Saturday, April 26 for
MIT’s annual SpringFest Concert.

SPRINGFEST 2014
PG. 9

Craig Lee
THE CHRONICLER

DEBUGGING
No, like, seriously. De-bugging.
FUN, p. 5

EXTREMES OF BALLET
Interview with dancer in Pickled.
ARTS, p. 8

THE KNIFE IN BOSTON
Swedish group shakes things up.
ARTS, p. 7

HOW TO SPEND YOUR BITCOIN
UPPERCUT gives some gentle suggestions on how to spend your $100 worth.
FUN, p. 5

TECHDOOKU
Serioulsy. It’s a Friday. You don’t have anything to do. Do a Techdoku.
FUN, p. 6

SECTIONS
World & Nation . . . . . . . . . 2
Opinion . . . . . . . . . . . . . . . 4
Fun Pages . . . . . . . . . . . . . . . . . . 5
Arts . . . . . . . . . . . . . . . . . . . . . . . . . . . 7
Sports . . . . . . . . . . . . . . . . . . . . . . . . . . 16
Turkish protesters defy May Day ban, dozens detained

By Sebnem Aras and Ceylan Heroğlu

The New York Times

ISTANBUL — Thousands of demonstrators took to the streets of Istanbul on Thursday in May Day rallies, confronting riot police officers to protest, lashing out against a government mired in a corruption scandal and accused of imposing a creeping authoritarianism in Turkey.

Police fired tear gas, used wa- ter cannons and shut down main streets to disperse hundreds of protesters seeking to challenge a government ban on May Day celebr- ations in Taksim Square, also the scene of anti-government demonstrations last summer against the admin- istration of Prime Minister Recep Tayyip Erdogan.

More than 140 people were de- tained and 90, including 19 police officers, were injured in clashes that continued in the main and back streets of central Istana- bul until early afternoon, the Is- tanbul Governor's Office said in a statement.

Turkish police fired tear gas and arrested hundreds of protesters on May Day, defying a ban imposed by the government, which has been mired in a corruption scandal.

GM sales advance 7 percent, seemingly unfazed by recalls

By Kirk Johnson

The New York Times

GM sales advance 7 percent, seemingly unfazed by recalls

Despite a steady drumbeat of negative news surrounding the recall of 2.6 million small cars with a deadly defect, General Motors continues to be unaffected in its showroom. The company said its sales figures for April were up 7 percent in the United States, an increase of 7 percent in sales, and Ford declined 1 percent.

Sales numbers were mixed for the domestic automakers, Chrysler included, with 14 percent increase in sales, and Ford declined 1 percent.

As in March, healthy overall growth suggested that some car buyers had postponed their purchases during the bad weather over winter.

Sea level may details plan for $15 minimum wage

SEATTLE — Mayor Ed Murray presented on Thursday what he described as an imperfect but workable plan to increase the city’s minimum wage to $15 an hour as early as 2017, phased-in stages. Just as crucially, the plan was intended to provide the highest anywhere in the nation, through a series of complex and phased-in stages, but as crucially, he said, the plan has broad political support, with a coalition of labor and business groups ready to push hard for it at the City Council, starting with the first hearings next week.

But the plan, which in many other cities might be seen as a liberal Democratic agenda at the frontier of social and economic engineering, was immediately attacked out from the mayor’s right, but from his left.

Kshama Sawant, a Social Al- ternative Party member who was elected to the Seattle City Council last year on a single-minded drive to raise wages, said the plan had been “watered down” by business interests on the mayor’s 27-member committee on income inequality, of which she was also a member.

The hearing had a tense mood, as the new mayor announced that he was stepping aside from his duties as mayor and from his re-election campaign.

The government from the embattled mayor followed the on- line appearance of a still photograph from a video that “The Globe and Mail” newspaper said appears to show Ford smoking crack cocaine last weekend.

The Toronto newspaper said two of its reporters were shown the video by “a self-professed drug addict” who had been offered a job at the paper on condition of anonymity.

He made no reference to crack or illegal drugs in his statement Wednesday. Instead he said that he had been unable to control his problem with alcohol.

GM sales advance 7 percent, seemingly unfazed by recalls

By Kathryn Matzena and Will Conway

GM sales advance 7 percent, seemingly unfazed by recalls

After a week filled with temperatures in the 40s and on-and-off rain, Boston will finally see some nicer weather this weekend. Each day for the next few days will have a mix of sun and clouds with temperatures in the 60s. A mix of cool air high in the air column will bring more of the cold over the weekend, Sunday, creating an instability in the atmosphere. This system could generate showers and thunderstorms on Sun- day afternoon. Depending on the strength of the instability, some forecasts have even predicted the 40s and 50s at night.

For the most part, however, the weekend will be dry and warm, giving MIT students a good chance to get outside, go sailing, and otherwise enjoy the spring weather. The long- term forecast for next week looks sunny with highs in the low 60s.

Situation for noon Eastern time, Friday, May 2, 2014

Extended Forecast

Today: Mostly cloudy, with a high of 67°F (19°C). Winds out of the south at 10-15 mph.

Tonight: Partly cloudy, with a low of 49°F (9°C). Winds out of the south at 5 mph.

Tomorrow: Partly cloudy with a high of 65°F (18°C). South- west wind of 8 to 11 mph.

Sunday: Mostly cloudy with a high near 65°F (18°C). Chance of afternoon showers or thunderstorms.

Monday: Mostly sunny with a high near 67°F (19°C).

Weather

Springtime temperatures for the weekend

By Kathryn Matzena and Will Conway

After a week filled with temperatures in the 40s and on-and-off rain, Boston will finally see some nicer weather this weekend. Each day for the next few days will have a mix of sun and clouds with temperatures in the 60s. A mix of cool air high in the air column will bring more of the cold over the weekend, Sunday, creating an instability in the atmosphere. This system could generate showers and thunderstorms on Sun- day afternoon. Depending on the strength of the instability, some forecasts have even predicted the 40s and 50s at night.

For the most part, however, the weekend will be dry and warm, giving MIT students a good chance to get outside, go sailing, and otherwise enjoy the spring weather. The long- term forecast for next week looks sunny with highs in the low 60s.

Situation for noon Eastern time, Friday, May 2, 2014

Extended Forecast

Today: Mostly cloudy, with a high of 67°F (19°C). Winds out of the south at 10-15 mph.

Tonight: Partly cloudy, with a low of 49°F (9°C). Winds out of the south at 5 mph.

Tomorrow: Partly cloudy with a high of 65°F (18°C). South- west wind of 8 to 11 mph.

Sunday: Mostly cloudy with a high near 65°F (18°C). Chance of afternoon showers or thunderstorms.

Monday: Mostly sunny with a high near 67°F (19°C).

Weather

Springtime temperatures for the weekend

By Kathryn Matzena and Will Conway

After a week filled with temperatures in the 40s and on-and-off rain, Boston will finally see some nicer weather this weekend. Each day for the next few days will have a mix of sun and clouds with temperatures in the 60s. A mix of cool air high in the air column will bring more of the cold over the weekend, Sunday, creating an instability in the atmosphere. This system could generate showers and thunderstorms on Sun- day afternoon. Depending on the strength of the instability, some forecasts have even predicted the 40s and 50s at night.

For the most part, however, the weekend will be dry and warm, giving MIT students a good chance to get outside, go sailing, and otherwise enjoy the spring weather. The long- term forecast for next week looks sunny with highs in the low 60s.

Situation for noon Eastern time, Friday, May 2, 2014

Extended Forecast

Today: Mostly cloudy, with a high of 67°F (19°C). Winds out of the south at 10-15 mph.

Tonight: Partly cloudy, with a low of 49°F (9°C). Winds out of the south at 5 mph.

Tomorrow: Partly cloudy with a high of 65°F (18°C). South- west wind of 8 to 11 mph.

Sunday: Mostly cloudy with a high near 65°F (18°C). Chance of afternoon showers or thunderstorms.

Monday: Mostly sunny with a high near 67°F (19°C).
Seeking court’s help, GM hopes to stop suits

By Hilary Stout and Bill Vlasic

THE NEW YORK TIMES

An unusual meeting took place this week at a law office high in a Times Square skyscraper: Lawyers from about 300 law firms participat- ed, either in person or by phone. The agenda: solidifying a strategy for tak- ing on General Motors in bankruptcy court.

Less than five months after de- claring the era of “Government Mo- tors” over and done with, the new GM, which just completed its 17th bankruptcy, is far from routine. The company is trying to shut down a rising tide of insurance claims and other lawsuits stemming from an accident that led to the theft of credit card data from 200 million Target customers last year. A similar measure failed two years ago as part of a broader cy- berton protection bill. The report also recommends extending U.S. privacy rights to for- eigners, on the theory that there are no boundaries when it comes to the data collected online. President Barack Obama declared in January that the government would do the same in the treatment of data it col- lected through the NSA and other intelligence groups.

Podesta said the president was surprised during his review of the NSA activities that “the same tech- nologies are not only used by the in- telligence community, but far more broadly in the public and private spheres because there is so much collection” from the Internet and smartphones. “You are shedding data everywhere,” Podesta said.

Report: Transparency in online data collection needed

By David E. Sanger and Steve Lopez

WASHINGTON — The White House, hoping to move the national conversation on privacy beyond data harvesting by intelligence agencies to the practices of companies like Google and Facebook, released a long-anticipated report on Thursday that recommends requiring private companies to release information they gather from their customers online.

The report’s chief author is John D. Podesta, a senior White House adviser, is part of the admin- istration’s reaction to the disclosures of global surveillance by Edward J. Snowden, the former contractor for the National Security Agency. The effort is seen as a reaction to the breach of Tili- con Valley, where companies see it as the start of a government effort to regulate how they can profit from the data they collect from email and Web surfing habits.

The report focuses on mosaic techniques that allow companies, in the guise of collecting anonymous data from large groups of users, to identify an individual’s activities online.

The report suggests steps Con- gress could take, including a manda- tory system that would force firms to report data breaches — like the one that led to the theft of credit card data from 200 million Target customers last year. A similar measure failed two years ago as part of a broader cy- berton protection bill. The report also recommends extending U.S. privacy rights to for- eigners, on the theory that there are no boundaries when it comes to the data collected online. President Barack Obama declared in January that the government would do the same in the treatment of data it col- lected through the NSA and other intelligence groups.

Podesta said the president was surprised during his review of the NSA activities that “the same tech- nologies are not only used by the in- telligence community, but far more broadly in the public and private spheres because there is so much collection” from the Internet and smartphones. “You are shedding data everywhere,” Podesta said.

With security tight, Iraqis cast votes in unaccustomed peace

BAGHDAD — Millions of Iraqis voted for a new Parliament on Wednesday, defaying threats from Islamist extremists, in an elec- tion that was carried out, by Iraq’s brutal standards, in remark- able peace.

After a surge in violence leading up to the vote, and threats by a Sunni extremist group, the Islamic State of Iraq and the Levant, to strike polling sites, no attacks were reported in Baghdad, and none with any large numbers of casualties were reported else- where in the country.

The election, the first nationwide vote since the departure of U.S. troops more than two years ago, was seen as a referendum on Nouri al-Maliki’s eight years as prime minister as he seeks a third term as a governing majority that has brought the country to the edge of a new civil war. But with results pending, the very Wednesday was simply that the election was held at all, and that so few people were killed.

—Tim Arango and Duraid Adnan, The New York Times

Email suggests White House strategy on Benghazi

WASHINGTON — A newly released email shows that White House officials sought to shape the way Susan E. Rice, then the ambassador to the United Nations, discussed the Middle East chaos that was the context for the attack on the U.S. diplomatic mission in Benghazi, Libya, in 2012.

The email dated Sept. 14, 2012, from Benjamin J. Rhodes, the deputy national security adviser, to Rice was obtained by the conservative group Judicial Watch through a Freedom of Infor- mation Act request. The subject of the email was: “PREP CALL with Susan.

That email was sent ahead of Rice’s appearance on several Sunday morning news talk programs three days after the attacks that resulted in the deaths of four Americans, including J. Chris - topher Stevens, the ambassador to Libya.

The email from Rhodes includes goals for Rice’s appearances on the shows and advice on how to discuss the subject of the protests that were raging in Libya and at other U.S. diplomatic posts in the Middle East. Among the goals that Rhodes identified: “To underscore that these protests are rooted in an Internet video, and not a broader failure of policy.” In a section called “Top-liners,” Rhodes added: “Since we began to see protests in response to this Internet video, Jay Carney, the White House press secretary, dismissed the new email as irrelevant, saying that the subject of the advice from Rhodes in the email was not about Benghazi but rather about the protests that were taking place across the Middle East at the time.

—Michael D. Shear, The New York Times

Minor in one of 30 HASS fields.

By adding 2 or 3 subjects to your required HASS Concentration, you can build a 6-subject minor that allows you to explore your field of choice in greater depth. Each year hundreds of MIT students decide to minor in the Humanities, Arts, and Social Sciences.

Minor in one of 30 HASS fields.

Art, Culture, & Technology
Ancient & Medieval Studies
Anthropology
Applied International Studies
Comparative Media Studies
Economics
Foreign Languages
Chinese
French
German
Japanese
Spanish
History
History of Architecture & Art
International Development
Linguistics

Literature
Music
Philosophy
Political Science
Public Policy
Regional Studies
African & African Diaspora
Asian & Asian Diaspora
Latin American & Latino
Middle Eastern
Russian & Eurasian
Science, Technology, and Society
Theater Arts
Urban Studies & Planning
Women’s & Gender Studies
Writing

shass.mit.edu/undergraduate/minors

great ideas change the world

SCHOOL OF HUMANITIES, ARTS, & SOCIAL SCIENCES

Friday, May 2, 2014

The Tech
Somewhere on the Search for Meaning... by Letitia Li

I've been wondering. You obviously like animals...

...so why don't you want to be a veterinarian instead of a doctor?

Well, I like some animals...

But dogs bark at me so much that I think they all want to bite me...

...And my worst nightmares are full of cats!!!

Q.E.D., (quite easily done) by Erika Trent

What it actually is

Error: Undefined variable or class

Error: In for-loop

Error in code_file (line 314)

What it feels like

AAAAAAAAAAAA- AHHHHHHH!!!!
Sudoku
Solution, page 14

ACROSS
1 Strip (Mid-East region) 49 Polar helper
5 Barbershop touch-up 50 Prepare for battle
9 Play, as a ukulele 52 Fish served on bagels
14 Wickleness 59 Put restrictions on
15 Tube-shaped sandwich 60 Rotation line
16 Tot's vehicle, for short 61 Desertlike
17 In like-new condition 63 Join forces
18 Give off 64 "A __ formality!"
19 Ran fast 65 Do some darning
20 Ness, Lomond, etc. 66 Barred to outsiders
23 Cereal grain 67 Tipjar fillers
24 Verse of praise 68 Swampy grounds
25 No longer crisp

DOWNS
1 Jewel
2 Hertz rival
3 Metal in brass
4 Palo ___ CA
5 Letter before ista
6 Sends payment
7 Colored part of the eye
8 Closet pest
9 Walked briskly
10 Tiny amount
11 High in calories
12 Luau strings
13 Prescription, for short
21 Trifled (with)
22 Exit the Web
26 Tourist magnet
26 Wedding aide
27 Overflowed
28 Cyclist's challenge
30 Letter-shaped fastener
31 Spaniard's river
32 Small isard
33 Queried
34 Out of style
36 SNL fare
38 Complain, so to speak
40 Cereal grain
41 Camel's Peruvian cousin
46 Coated, as with metal
47 Irrelevant fiction
49 Facebooker's party notice
51 Gets promoted
52 Ship of 1492
53 Don't include
54 Hunter's garb, for short

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 14

ACROSS
12+ 180× 24×
1− 16× 2÷
90× 30× 4
29× 2÷ 4

DOWNS
4 5×
1− 16×
90×
40×

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.

Key Club by Fred Piscop
Solution, page 14

ACROSS
1 Mem, for short
2 Hertz rival
3 Metal in brass
4 Palo ___ CA
5 Letter before ista
6 Sends payment
7 Colored part of the eye
8 Closet pest
9 Walked briskly
10 Tiny amount
11 High in calories
12 Luau strings
13 Prescription, for short
21 Trifled (with)
22 Exit the Web
26 Tourist magnet
26 Wedding aide
27 Overflowed
28 Cyclist's challenge
30 Letter-shaped fastener
31 Spaniard's river
32 Small isard
33 Queried
34 Out of style
36 SNL fare
38 Complain, so to speak
40 Cereal grain
41 Camel's Peruvian cousin
46 Coated, as with metal
47 Irrelevant fiction
49 Facebooker's party notice
51 Gets promoted
52 Ship of 1492
53 Don't include
54 Hunter's garb, for short

DOWNS
1 Jewel
2 Hertz rival
3 Metal in brass
4 Palo ___ CA
5 Letter before ista
6 Sends payment
7 Colored part of the eye
8 Closet pest
9 Walked briskly
10 Tiny amount
11 High in calories
12 Luau strings
13 Prescription, for short
21 Trifled (with)
22 Exit the Web
26 Tourist magnet
26 Wedding aide
27 Overflowed
28 Cyclist's challenge
30 Letter-shaped fastener
31 Spaniard's river
32 Small isard
33 Queried
34 Out of style
36 SNL fare
38 Complain, so to speak
40 Cereal grain
41 Camel's Peruvian cousin
46 Coated, as with metal
47 Irrelevant fiction
49 Facebooker's party notice
51 Gets promoted
52 Ship of 1492
53 Don't include
54 Hunter's garb, for short

55 Plow pullers
56 Meat in moussaka
57 Creme-filled snack
58 PED ___
59 Drag around
62 Oral care deg.
CONCERT REVIEW

Let’s talk about gender

The Knife’s new tour comes to Boston

By Denis Bozic
ARTS EDITOR

How would you feel if you went to a concert where a performer dressed as an androgynous instructor with tights, a wig, and glitter shorts asked you to repeat, “I am not a woman, I am not a man, I am both, I am neither, if you don’t like it, take a breather?”

This is how The Knife opened their show this Monday, when their “Shaking the Habitual” tour arrived to Boston’s House of Blues. The Swedish sibling duo, known for their political and ideological music, brought an ensemble of dancers and performers for their new show, which received polarized reviews from both the fans and the critics. The range of opinions was notable from the beginning of the show, when the costumed instructor asked the audience to let go of their self-consciousness, hold the hands of those standing next to them, and yell, “Participation, across every nation. “ It became obvious that the show would be everyone’s cup of tea.

Karin Dreijer Andersson and Olof Dreijer released their latest album Shaking the Habitual last year after seven years of unexplained hiatus. Whereas their previous albums showcased intellectual but accessible music, the new album was a challenging collection of tracks that directly addressed political and philosophical topics through unconventional instrumentation and occasionally cacophonous, exhausting music. The post-biases transformation is visible in their new show as well. Unlike the previous tours, where the focus of the show was on live performance and the show’s masked physical appearance, the new tour does not emphasize live instrumentation nor the duo’s stage personalities. Instead, Andersson and Dreijer share the stage with a dozen of dancers and performers, their faces are revealed, and almost half of the concert is choreographed, eccentric show with playback music. To new listeners, The Knife would seem like an ensemble of performers rather than a musical duo.

Sounds like a waste of money, right? You can easily stay home and watch the concert on YouTube if they are not going to play a full live set. But that’s the essence of “shaking the habitual” — breaking the stereotypical concept of a good and entertaining concert. You might be accustomed to seeing a local band open for one of your favorite artists, but The Knife challenged preconceptions by bringing a drag queen to the show who asked audience members to acknowledge others around them for what they are and to participate in the performance, because they should, as the performer declared it, “move to be moved.”

Indeed, most of the concert was an unconventional set of colorful light show, tribal dance moves, distorted singing, spiky makeup, and jovial choreography. Even though many songs were not performed live, the accompanying choreographies were well-executed and truly captivating. “Full of Fire” featured a dark light set and a mix of dance moves, while “One Hit” showcased a rhythmic pop-based choreography full of kicking and juvenile steps that resembled the hokey pokey.

It might be hard to understand how these satirical and amateur choreographies were complementary to lyrics such as “For a reasonable salary, I would wash the world, it wouldn’t affect my libido or self-esteem,” or “Let’s talk about gender, baby, let’s talk about you and me?” But, The Knife gave a clear and compelling reason why these ideas were transmitted through a theatrical show and not through a regular concert — because it’s easier to convey difficult concepts to people through choreography and dance music than through other forms of art.

The new show was not devoid of The Knife’s usual themes and messages. While the political connotations were only noticeable if one paid special attention to the lyrics and the interludes, the gender-based topics could be clearly seen in the choreography and visuals. All the male performers, including Olof Dreijer, wore glistening makeup and the same body suits as the female performers. Almost all of the choreography defied the concept of “masculine” or “feminine” movements. For example, during few songs, both the male and the female dancers engaged in very aggressive, tribal dance movements, after which they all switched to graceful and sophisticated rhythmic body gestures.

There was a moment in the show where two couples performed the cha-cha-cha, resembling the hokey pokey. It was clear that The Knife found an opportunity to introduce the concept of gender fluidity through ballroom dancing, because the performers were dancing with each other of the same gender. It is very easy not to like this show. Despite the entertaining choreographies and few standout live tracks such as “Pass This On” and “We Share Our Mothers’ Health,” some aspects of the concert were not so successful. The distorted vocals were very distracting at times, and some of the slower songs, like “Wrap Your Arms Around Me,” unnecessarily mellowed down the upbeat character of the show.

Furthermore, this was not an accessible concert. Compared to the studio versions from Shaking the Habitual, the live renditions of the songs were easier to understand and internalize, but the show still contained many challenging topics and ideas that were hard to process in only ninety minutes. Nevertheless, “Shaking the Habitual” tour is a fun, unique, and memorable show that’s different from anything you have ever seen before. It will force you to participate, offer you the chance to appreciate discordant and unconventional music, and — most importantly — encourage you to become someone who is willing to shake the habitual.
**INTERVIEW**

**Pricked** will showcase extremes of ballet

Boston Ballet dancer speaks with The Tech

Patrick Yocum began dancing eleven years ago, in his hometown of Souderton, PA. After graduating high school, he trained for a year at the Pittsburgh Ballet Theatre School, and then joined the Boston Ballet II trainee program, working his way through to join the Corps de Ballet in 2011. He spoke to The Tech about life as a dancer, and Boston Ballet’s upcoming performance of Pricked.

*The Tech: What role(s) do you perform in Pricked?*

**Patrick Yocum**: I’m lucky enough to be involved in all three of the ballets presented during the Pricked program. Because none of them are what we could call ‘narrative’ ballets, that is — none have a clear storyline of them are what we could call ‘narrative’ program. Because none during the Pricked ballet in the program?

**The Tech**: Can you talk about a little about each ballet in the program?

**Patrick Yocum**: Pricked, performed by the Boston Ballet at the Boston Opera House on May 8-18.

**The Tech**: What's your life like when you're not dancing?

**Patrick Yocum**: I also love reading, biking around Boston, cooking and going to see other performers around town.

**The Tech**: Did you ever consider another career?

**Patrick Yocum**: I’ve been dancing since I was a teenager, so I never really seriously considered another profession. I think it’s one of the best jobs in the world and it is hard to imagine myself in different shoes. I suppose everybody has times in their work that they fantasize about doing other things. If I had to choose another job, I think I’d enjoy working in food — being a chef sounds like a pretty great career. Maybe that’s my stomach talking. But for now I’ll stick with dancing.

**Pricked** will be performed by the Boston Ballet at the Boston Opera House on May 8–18.

---

**Climbing corporate ladder**

Do you live outside the bubble?

Visit hireodds.com for résumé and career advice (also more business-at-home tips) from top MBAs and MIT alumni.

Tell us your story

Normal MIT Students

join@tech.mit.edu
1. Guards scan the crowd as the indie pop band Capital Cities performs a lively set behind them.

2. A large number of students streamed in to watch the performances at Springfest, especially for the last set by Flosstradamus.

3. Lead vocalist for Scavenger Hunt performs on Saturday, April 26 for MIT’s annual SpringFest Concert.

4. The lead guitarist for the Los Angeles band Scavenger Hunt plays a solo during Springfest’s first set.

5. The crowd goes wild as the Chicago-based DJ duo Flosstradamus blasts a bass-heavy medley of songs.
Getting help is as easy as 1, 2, 3

Student Support Services has tripled the number of walk-in hours May 5th – May 16th

- **For an appointment:** Call 617-253-4861
- **New Walk-in hours in 5-104:**
  9:00-10:30 a.m. and 2:00-3:30 p.m.

Don’t forget to take advantage of the many resources available for academic, social, and personal support.

- **S³**
- Community Wellness
- MIT Mental Health & Counseling
- Chaplains
- OME
- Housemasters
- GRTs
- Area Directors
- Advisors
- Department Administrators

Triple the Tim, Triple the Support!

MITogether

http://together.mit.edu

Working together, we’ll find a way.

---

**CLOSEST FULL SERVICE SHIPPING TO CAMPUS**

Storage Available!

Get FREE pick up and FREE boxes with storage!

Visit our website for details and coupons:  
www.theupsstorelocal.com/0681

**UPS Store of the Year**

955 Massachusetts Avenue

617-868-5055

store0681@theupsstore.com

**HOURS**

Monday-Friday 8:30am-6:30pm  
Saturday 9:00am-5:00pm

Extended Hours: May 19th-June 7th  
Monday-Friday 8:30am-7:30pm  
Saturday 9:00am-6:00pm  
Sundays & Memorial Day 10:00am-2:00pm

Passport photos, copying, shredding, notary services, keys and mailboxes available

---

**The UPS Store™**

Let our packaging experts handle your international shipping needs.

- A range of international services—from standard to next-day
- Proper handling of paperwork—to help you package clear customs faster
- Online tracking available
- Plus all the resources and expertise of UPS®

We’re located near campus. Stop in and ask for details.
Poverty, an investigation of the underlying causes of state economic success and failure. According to the MIT News Office, Acemoglu was awarded the Erwin Penner Nemmers Prize in 2012 for his contributions to understanding political institutions, technical change and economic growth.

Professor Emery Brown, the Edward Hood Taplin Professor of Medical engineering, holds joint posts at MIT, Harvard Medical School, and Massachusetts General Hospital as an anesthesiologist-statistician. His work focuses on developing neural signal processing algorithms for data analysis in neuroscience. He has also researched the neurological basis of general anesthesia. According to MIT’s press release, Brown is a member of the Institute of Medicine of the National Academies and a recipient of the NIH Director’s Pioneer Award in 2007.

Alan Grossman, the associate head of the Department of Biology, employs a wide range of biological approaches to study how Bacillus subtilis, a bacterium, recognize and respond to internal and external stimuli. Grossman’s research has focused on how these bacteria engage in cell-cell signaling, integrate physiological signals, control transcription and regulate DNA replication, according to MIT. Grossman has served as a fellow of the American Academy of Arts and Sciences since 2008.

Timothy Grove is the Cecil and Ida Green Professor of Earth and Planetary Sciences. His work focuses on planetary evolution, from the chemical differentiation of the Earth’s crust and mantle to the formation of the core of the Moon and Mars. He served as the president of the American Geophysical Union from 2008 to 2010 and is a fellow of the American Academy of Arts and Sciences, according to MIT.

The NAS also announced Tuesday the election of 21 foreign associates from 15 countries, who are non-voting members with non-U.S. citizenship.

Do you live outside the bubble?

Tell us your story

join@tech.mit.edu

Bose is pleased to offer special savings for all students, employees and retirees of M.I.T.

Receive savings on most Bose® products, including the acclaimed Wave® music system III, home entertainment systems, headphones and solutions for today’s most popular portable music devices.

Natl. Academy, from Page 1

Poverty, an investigation of the underlying causes of state economic success and failure. According to the MIT News Office, Acemoglu was awarded the Erwin Penner Nemmers Prize in 2012 for his contributions to understanding political institutions, technical change and economic growth.

Professor Emery Brown, the Edward Hood Taplin Professor of Medical engineering, holds joint posts at MIT, Harvard Medical School, and Massachusetts General Hospital as an anesthesiologist-statistician. His work focuses on developing neural signal processing algorithms for data analysis in neuroscience. He has also researched the neurological basis of general anesthesia. According to MIT’s press release, Brown is a member of the Institute of Medicine of the National Academies and a recipient of the NIH Director’s Pioneer Award in 2007.

Alan Grossman, the associate head of the Department of Biology, employs a wide range of biological approaches to study how Bacillus subtilis, a bacterium, recognize and respond to internal and external stimuli. Grossman’s research has focused on how these bacteria engage in cell-cell signaling, integrate physiological signals, control transcription and regulate DNA replication, according to MIT. Grossman has served as a fellow of the American Academy of Arts and Sciences since 2008.

Timothy Grove is the Cecil and Ida Green Professor of Earth and Planetary Sciences. His work focuses on planetary evolution, from the chemical differentiation of the Earth’s crust and mantle to the formation of the core of the Moon and Mars. He served as the president of the American Geophysical Union from 2008 to 2010 and is a fellow of the American Academy of Arts and Sciences, according to MIT.

The NAS also announced Tuesday the election of 21 foreign associates from 15 countries, who are non-voting members with non-U.S. citizenship.

Do you live outside the bubble?

Tell us your story

join@tech.mit.edu

Bose is pleased to offer special savings for all students, employees and retirees of M.I.T.

Receive savings on most Bose® products, including the acclaimed Wave® music system III, home entertainment systems, headphones and solutions for today’s most popular portable music devices.

Bose Wave® music system III

Enjoy lifelike CD and radio music in your home, office or dorm room.

Awake to award-winning sound.

Bose SoundLink® Wireless Mobile speaker


From your mobile phone or any Bluetooth® device.

Please direct all inquiries to the "M.I.T. Purchase Program:"

1-800-298-BOSE (2673)
Feds to investigate Boston-area colleges

Six colleges in the state under scrutiny for possibly violating Title IX

Title IX, from Page 1

statement with the university pledging to work together on the is-

The Obama administration this week drew national attention to the
issue of campus sexual assaults, saying one in five college women are victims of assault or attempted assault. A White House task force released a series of new guidelines for how schools should address the problem, including conducting surveys about the prevalence of sexual assault on their campuses, better training for administrators on how to work with victims, and making sure victims have the op-

Making more information available to students was also a major focus, and the White House unveiled a new website, notalone.gov, to focus, and the White House un-

All the university’s guidelines for

The Obama administration pledged a series of actions includ-

Annie Lee, School of Science, 6-131, ail@mit.edu, 617-253-5951
Susie: Hey Ethan!

Ethan: What's up?

Susie: I'm looking for a job on campus. Do you have any ideas? I like programming and computers.

Ethan: You should join the technology department at The Tech! We pay $14/hr.

Ethan: You get to learn valuable job skills too!

Susie: Cool, but what if I don't know that much yet?

Ethan: We've got people who can help you out.

Ethan: E-mail join@tech.mit.edu and we'll send you more info!
MIT.nano, from Page 1

because our facilities are crowded," explained Anikeeva. "If there’s a line of, you know, 300 people trying to use [a piece of equipment], sometimes it’s easier to go to Harvard, and that’s what people do. Our students are really productive and they want to be in the fab all day long fabricating things, and all night long potentially. We just do not have the sheer space and the quantity of machines to be able to accommodate that type of intense traffic."

With the new 200,000-square-foot building, Bulovic anticipates that there will be enough lab space in MIT.nano, which would have taken up valuable lab space. In addition to minimizing the amount of noise and vibrations, MIT.nano will also house cleanroom facilities. According to Bulovic, cleanliness is critical at a scale in which a dust particle is like "the size of a wrecking ball."

Bulovic expects the future facility's central location will allow researchers from all over campus to meet to discuss and share ideas. "Our ability to innovate comes from the fact that MIT has such an easy way of crossing boundaries. You never have a sense of leaving our own department because everything is connected," said Bulovic. "MIT.nano is meant to be a gathering community place. It is the style of the number of people, that spark a tremendous number of ideas, and open up the vision of the opportunities."

However, MIT.nano’s central location comes at the cost of a difficult construction process. Bulovic compared the construction process to trying to build a ship in a bottle. "We're building a building now that is meant to last 30 years," said Bulovic. "In the long term, he expects that the building will stand for 150 years, with periodic renovations in between."

Bulovic and other members of the project team will present their facility design and upcoming construction activities at a community meeting next Monday, May 5 from 3-4 p.m. in 1-190, and next Tuesday, May 6 from 2-3 p.m. in 10-250. "Having these facilities right here makes it that much more easy to have the next breakthroughs," said Varanasi, who also sees MIT.nano as a prime site for nanotech entrepreneurs. "I'm looking at the center as an investment that will lead to not only great science, but also great products."

From now until spring 2018, no bicyclists or pedestrians will be allowed through the road between Buildings 13 and 3. Pedestrians will be able to walk under the overhang of Building 13, but no further. Pedestrians will instead have to go through the Infinite Corridor, while bicyclists will be directed towards Vassar St.

"We're going to be crimping the style of the number of people," said Bulovic. "That's really, really unfortunate. It's a consequence of wanting to be next to everyone in center campus. If you're going to build something for center campus, we're going to have to inconvenience everyone inside center campus as we're doing it."

Because of the lack of accessible roads, trucks will mainly only be able to deliver material through the opening under Building 39 at the side of Vassar St. Bulovic expects typical heavy truck traffic to begin at about 9 a.m. and end at 3 p.m. However, construction itself will likely begin at 6 or 7 in the morning. "We're building a building that is meant to last 30 years," said Bulovic. "In the long term, he expects that the building will stand for 150 years, with periodic renovations in between."

Bulovic anticipates that there will be enough lab space for both MIT researchers and external users, such as startups and entrepreneurs. "I'm looking at the center as an investment that will lead to not only great science, but also great products."

"Having these facilities right here makes it that much more easy to have the next breakthroughs," said Varanasi, who also sees MIT.nano as a prime site for nanotech entrepreneurs. "I'm looking at the center as an investment that will lead to not only great science, but also great products."
**SPERM DONORS**

Earn up to $1200 per month

Make a real difference in the lives of families

Receive free health and genetic screenings

**APPLY ONLINE:**

SPERMBANK.com

convenient Cambridge location

**BLINK High End**

KEF LS50’s

WINNER OF 20 INTERNATIONAL AWARDS. NOW AT BLINK HIGH END.

A NEW GENERATION IN HIGH PERFORMANCE AUDIO HAS ARRIVED.

INFO@BLINKHIGHEND.COM  MIT UNIVERSITY PARK

**AWARDS CONVOCATION**

James N. Murphy Award
Donna Friedman, Advising & Academic Programming
John S.W. Kellett ’47 Award
Lincoln Laboratory Out Professional Employee Network (OPEN)
Frederick Gardiner Fassett, Jr. Awards
Phoïna Huizing ’14, Halidun Anil ’15
Eva “Niki” Edmonds
Howard W. Johnson Award
Michael Liao ’14, Swimming and Diving
Betsy Schumacker Woman Athlete of the Year Award
Harold L. Pethigroes Award
Greg Kravit ’15
William L. Stewart, Jr. Award
Egyptian Student Association
Anne MacMillan G, ACT
Lewis Sadler Prize in the Arts
Albert Wu ’14
Laya and Jerome Schmitz Prize in the Visual Arts
Anne MacMillan G, ACT
Lois Sadler Prize in the Arts
Elly Jessop G, Adam Strandberg ’14
Floor van de Velde G, Grace Young ’14
Malcolm G. Kispert Awards
Tyler Singer-Clark
Louise van de Velde Cross Country/Track and Field
Malcolm G. Kispert Award
Jeffrey Grossman
Patrick J. McGovern ’59 Entrepreneurship Award
Andrea Ippolito G
Everett Moore Baker Memorial Award for Excellence in Undergraduate Teaching
Professor William A. Tisdale
Edward L. Horton Fellowship Award
J. Nathan Matias, Department of Media Arts and Sciences

**CUSTOM PRINTED & EMBROIDERED T-SHIRTS**

SWEATSHIRTS - POLOS - HATS & MORE!

since 1989

- Great Pricing & Free Delivery
- Traditional Screenprinting
- Full Color Digital Printing
- Embroidery

**awards.mit.edu**

Thursday, May 8

4:00pm

Room 10-250

Attend the Awards Ceremony and celebrate with the best of MIT!
MIT cricket team squares off against Babson College for top ranking in league

Engineers win big in showdown, look ahead to upcoming matches against Yale and Harvard

MIT's cricket team locked horns with Babson College in an away game at Babson Park, Massachusetts on Sunday, April 27. Much was at stake for the Engineers, as a win would take them to pole position in the American College Cricket League. Overcast skies and a damp outfield welcomed MIT, on what appeared to be favorable conditions for bowling.

Captain Priyank Kumar G lost the toss and was put into bat by opposition captain Harneesh Singh. Openers Fahad Mahmood G and Souren Padhy welcomed MIT's proceedings. Playing the ball on merit, they gave MIT a solid start and calmed initial nerves. Nabneet Khan of Babson claimed his first scalp in the sixth over, with the score at 39 runs for the loss of 1 wicket.

Priyank Kumar G joined Fahad Mahmood at the crease and the two batters put on 60 runs for the second wicket when the skipper was dismissed for 11. What followed was a masterful batting display by opener Fahad Mahmood. He flayed the bowling with consummate skill and became the first centurion for MIT. His innings of 169 of 74 balls at a strike rate of 228 percent became the highest ever individual score for a batsman in the history of the American College Cricket League. It included 17 sixes and 16 fours.

Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

The Babson bowlers were stifled, as anything short was cut away over point, and anything full was driven over the top. He shared a partnership of 185 runs in 10 overs with Koushoban Ravi G, who scored 35 of 23 balls. MIT finished with a score of 284 for the loss of 2 wickets in their allotted 20 overs. With the asking rate beyond 20 runs an over, Babson survived the next 3 overs without the loss of further wickets. Babson's skipper Harneesh Singh was then dismissed by MIT spinner Usman Naseer G via a brilliant high catch by Je-hangir Amjad G in the ninth over.

Mohit Kansal G and Saad Shoukat '14 created many chances with their bowling, but Babson survived the next 3 overs of 39 balls. With the asking rate of 20 runs an over, Babson were now well out of the game. In an attempt to score more quickly, they lost two more quick wickets to the bowling of Usman Naseer. One of the wickets was due to an improbable diving catch by Saad Shoukat. Seamer Neev Wanvari G got two wickets in his return spell. Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

Babson tied the score at three. Much was at stake for the Engineers, as a win would take them to pole position in the American College Cricket League. It included 17 sixes and 16 fours.

Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

The Babson bowlers were stifled, as anything short was cut away over point, and anything full was driven over the top. He shared a partnership of 185 runs in 10 overs with Koushoban Ravi G, who scored 35 of 23 balls. MIT finished with a score of 284 for the loss of 2 wickets in their allotted 20 overs. With the asking rate beyond 20 runs an over, Babson survived the next 3 overs without the loss of further wickets. Babson's skipper Harneesh Singh was then dismissed by MIT spinner Usman Naseer G via a brilliant high catch by Je-hangir Amjad G for a solid 53 runs of 39 balls. With the asking rate beyond 20 runs an over, Babson were now well out of the game. In an attempt to score more quickly, they lost two more quick wickets to the bowling of Usman Naseer. One of the wickets was due to an improbable diving catch by Saad Shoukat. Seamer Neev Wanvari G got two wickets in his return spell. Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

Babson tied the score at three. Much was at stake for the Engineers, as a win would take them to pole position in the American College Cricket League. It included 17 sixes and 16 fours.

Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

The Babson bowlers were stifled, as anything short was cut away over point, and anything full was driven over the top. He shared a partnership of 185 runs in 10 overs with Koushoban Ravi G, who scored 35 of 23 balls. MIT finished with a score of 284 for the loss of 2 wickets in their allotted 20 overs. With the asking rate beyond 20 runs an over, Babson survived the next 3 overs of 39 balls. With the asking rate of 20 runs an over, Babson were now well out of the game. In an attempt to score more quickly, they lost two more quick wickets to the bowling of Usman Naseer. One of the wickets was due to an improbable diving catch by Saad Shoukat. Seamer Neev Wanvari G got two wickets in his return spell. Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

Babson tied the score at three. Much was at stake for the Engineers, as a win would take them to pole position in the American College Cricket League. It included 17 sixes and 16 fours.

Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.

The Babson bowlers were stifled, as anything short was cut away over point, and anything full was driven over the top. He shared a partnership of 185 runs in 10 overs with Koushoban Ravi G, who scored 35 of 23 balls. MIT finished with a score of 284 for the loss of 2 wickets in their allotted 20 overs. With the asking rate beyond 20 runs an over, Babson survived the next 3 overs without the loss of further wickets. Babson's skipper Harneesh Singh was then dismissed by MIT spinner Usman Naseer G via a brilliant high catch by Je-hangir Amjad G for a solid 53 runs of 39 balls. With the asking rate beyond 20 runs an over, Babson were now well out of the game. In an attempt to score more quickly, they lost two more quick wickets to the bowling of Usman Naseer. One of the wickets was due to an improbable diving catch by Saad Shoukat. Seamer Neev Wanvari G got two wickets in his return spell. Babson finished at 188 for 7 of their 20 overs, giving MIT a massive 96-run victory to take them to the top of the league tables.