540 Accepted Out of 5,019 Applicants in a Record Setting Year

By Robert McQueen

MIT accepted 10.7 percent of early applicants this year, in what may be the most competitive admissions season yet. Out of 5,019 applications, 540 students were offered early admission, according to Dean of Admissions Stuart Schmill '86. Compared to last year, the early action pool grew by 28 percent, though roughly the same number of students were accepted.

A storm of regular applications caused the admissions office to extend the deadline to Jan. 3. Though they have not all been counted, Schmill said he is confident MIT received at least 15,000 applications, a significant increase over the 13,396 regular applications last year. Despite the growing number of applications, Schmill said there are no plans to increase the size of the incoming class.

Schmill said the increase in early applications is partly due to MIT’s decision this year to participate in the Questbridge College Match Program. Questbridge, a California-based non-profit, helps low-income students apply for full-rides at prestigious colleges. Close to 600 students applied early to MIT through Questbridge, and 36 of those students were accepted.

Over 25 top US universities participated in the Questbridge program, including Princeton, Yale, Harvard, and Stanford.

Schmill added that rising tuition and the economic downturn might also have contributed to the swelling admissions numbers. Students may be applying to more schools to increase their chances of receiving financial aid.

The students who were accepted early represent 45 U.S. states and come from 442 different schools (74 percent of them public). Since early action is only available for students who are U.S. citizens or permanent residents, no international students were accepted. Last year, international students made up 8 percent of the incoming class.

Vacationers made up 42 percent of accepted students, 93 percent ranked in the top 5 percent of their class. Median math and verbal SAT scores of accepted students were 780 and 730, respectively. The male-to-female ratio is 53:47, and 29 percent are minorities with 18 percent Latino/a, 9 percent African American, and 1 percent Native American.

The application deadline for regular admission was extended to January 3 after an overwhelming number of applications slowed the admissions process. The website was down Jan. 1, and applications were submitted online, though MIT Admissions receives all teacher recommendations via mail.

According to the MIT Admissions website, regular admissions results will be mailed out in the middle of March.

Overloaded Spam Filters Dropped Some Gmail Emails Sent to MIT

By Michael McGraw-Herdeg

If your friend swears he invited you to that party, but you never got the e-mail, he might just be telling the truth.

For more than three weeks, e-mail sent by users of Google’s popular Gmail service to MIT has been delayed or left undelivered, confounding the common belief that e-mail is fast, reliable way of sending a message. The problem was simple: Gmail was getting too popular.

The Barracuda Networks machine that filters spam out of MIT’s incoming mail is configured to accept only about a hundred connections an hour from any one server. But Google’s servers were sending mail much faster than that, and MIT told Gmail that “too many connections” were received.

On Tuesday afternoon, MIT Network Manager Jeffrey I. Schiller ’79 implemented a fix which was likely to solve the problem, by telling MIT’s spam firewalls to ignore connection limits when processing mail from Gmail servers.

The errors may reflect the growing popularity of Gmail among MIT community members, who may forward their mail there while continuing to use their usernames@mit.edu. Google is the largest recipient of MIT mail beyond internal mail servers, according to Schiller: one MIT mail delivery server sent about 35,000 messages a day to an MIT mail server and about 34,000 messages a day to Gmail servers.

Schiller said MIT Information Technology is working to curb corrupt politicians and lobbyists

By Abby Goodnough

Responding to a rash of public corruption scandals in Massachusetts, Gov. Deval Patrick on Tuesday proposed stiffer fines for ethics violations and other improvements to laws meant to keep government officials and lobbyists honest.

“No one can legislate morality, we all know that,” Patrick, a Democrat, said at a news conference at the State House. “But we can assure ourselves and the public that the consequences for breaching the public trust will be serious, swift and certain.”

The laws governing ethics and lobbying in Massachusetts have not been overhauled in years, Patrick said, and “significant gaps and weaknesses” make them hard to enforce. His proposals include increasing the maximum punishment for bribery to $100,000 and 10 years in prison.

Patrick Proposes Ethics Reform to Curb Corrupt Politicians and Lobbyists

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Lauren Tsai '04

Lauren Tsai ‘04, who graduated from MIT with a bachelor’s degree in mechanical engineering, was killed Saturday, December 13 in a car crash in Newton. She was 26.

Lauren was the sister of senior Geoffrey Tsai ‘09 and of Michael Tsai ‘02. She was originally from Etna, N.H., but lived in Waltham and worked for Raytheon.

“We send our condolences to the Tsai family in the tragic death of Lauren,” said Chancellor Philip L. Clay. “Our hearts are with Michael and Geoffrey at this difficult time with the loss of their sister. I know this is a painful loss. I hope Lauren’s memory will sustain her family and friends in this difficult time.”

A passionate athlete all her life, Lauren was a co-captain of the varsity field hockey and varsity basketball teams while at MIT. In addition, she skied, skated and hiked and played baseball and softball.

As a high school student at Phillips Academy in Andover, she played for Raytheon.

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MIT SPOKES OFFICE

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By Andrew E. Kramer

Gazprom, the Russian gas monopoly, hounded nearly all its natural gas exports to Europe on Tuesday, sharply escalating its pricing dispute with neighboring Ukraine. The cutoff led to immediate shuttogg from France to Turkey and underscored Moscow's increasingly confrontational posture toward the West. Across Europe, countries reported precipitous drops in gas pressure in their pipelines at the peak of the winter heating season in a brrld cold Janu-

In one sign of the extent of the shutoff, Ukraine's president, Viktor A. Yuschenko, said Gazprom intended to halt all shipments passing through his country, which account for about 80 percent of Russian gas exports to Eu-

ope; in turn, depends on Rus-
sia for 40 percent of its imported fuel.

While each side blamed the other for the scope of the latest drop in gas shipments, Russia's prime minister, Vladimir V. Putin, had personally an-
nounced on Monday evening on state television that he was ordering a sharp reduction in gas flows, saying Ukraine was siphoning gas from the pipelines without paying.

For Putin, the escalation comes at a perilous time, as slumping energy pric-

es threaten the fiscal health and politi-
cal stability that has underpinned his popularity at home.

Some analysts of Russian politics had expected Putin to become more conciliatory as energy prices fell. In-

stead, he took a hard line in seeking to

raise gas prices in Ukraine and prevent European gas-buying on the international market, where prices of natural gas and oil, Russia's leading exports, have fallen sharply in recent months.

"They're still playing hardball, when they have to realize the rules have changed," Marshall L. Goldman, a senior scholar in Russian studies at Harvard and the author of the recent book "Petromax: Putin, Power and the New Russia," said in a telephone in-
terview. "It happened so quickly that I don't think they've had time to realize the implications."

With temperatures plunging, Eu-

ropean leaders expressed mounting concern. Some countries announced remodeling for industrial customers to reserve enough heating for residential

buildings.

A spokesman for the European Commission said that the cut had come "without prior warning and in clear contradiction of the reassurances given by the highest Russian and Ukrainian authorities," adding, "This situation is completely unacceptable."

By Tuesday evening, even as more than a dozen European countries faced the risk of shortages of heating fuel, Gazprom threatened additional cuts.

The cutoff appears to have multiple aims. Ukraine has angered Russia by seeking membership in the North Atlantic Treaty Organization, as has Georgia, a country Russia fought a brief war against last summer.

Putin is also under heavy pressure domestically. Oil and gas exports pro-
vide about 60 percent of the Russian budget, oil prices, meanwhile, have fallen by about two-thirds since their peak last summer.

The effects are rippling through the economy. The ruble is being devalued, Russian companies are facing bank-
rupr and the government's huge bud-
gal surpluses will turn into a deficit next year if price do not rebound, analysts say.

Russia Cuts Gas And Europe Shivers

Obama Seeks Support for His Plan for the Economy

By Jeef Zeleny and David M. Herszenhon

WASHINGTON

Two weeks before assuming pow-
er, President-elect Barack Obama took his economic recovery pack-

gage to Capitol Hill on Monday and sought to build a bipartisan coalition to endorse his plan of tax cuts and new spending with an urgent appeal "to break the momentum of this re-
cession.”

Obama, on his first full day in Washington since the election, held a series of face-to-face meetings with Democrats and Republicans as he be-
gan investing his political capital. He spoke of the nation's economic con-
dition in dark terms and urged Con-
gress to pass the legislation within a month.

"Right now, the most important task for us is to stabilize the nation,”

Obama said. "The economy is badly damaged — it is very sick. So we have to take whatever steps are required to make that is stabilized.”

The meetings were a mix of sym-
bolism and substance between the man who will be sworn in as the 44th president and the congressional lead-
ers who hold the fate of his agenda in their hands. The sessions, aides said, were particularly aimed at encourag-
ing Republicans to buy into the plan and help ease resistance over a $775 billion price tag.

Obama pledged to help advance the legislation in any way he could, participants said, including invit-
ing skeptical members of Congress to stop "the dance of the reassurances given by the highest Russian and Ukrainian authorities," adding, "This situation is completely unacceptable."
Israeli Shells Kill 40
At Gaza U.N. School

By Taghreed El-Khodary and Isabel Kershner

The New York Times

January 7, 2009

In northern Gaza, on Wednesday morning, a mortar round near a U.N. school killed at least 40 civilians, including 25 children.

The Israeli military said those killed were Hamas terrorists, fired their mortars from a school compound and that the school was destroyed.

According to U.N. officials, the Israeli Palestinians were killed.

However, Israeli officials say they were not about to end the operation until it crushed Hamas.

The Israeli military said it was responding to mortar shells from the school compound, in the packed and militant Hamas refugee camp in northern Gaza, and fired several mortar rounds near the school.

They shot back to save their own lives, said an Israeli official.

In the area of the school, the Israeli military said.

The group has killed 14 children and a woman.

Israel says Hamas fighters had tried to breach the border in the past.

Venture Investors Struggle
To Sell Their Start-Ups

By Claire Cain Miller

The New York Times

January 7, 2009

In 2008, entrepreneurs and venture capitalists had difficulty cashing out of start-ups, underscoring just how much the financial crisis has pummeled the technology sector.

Only six venture-backed start-ups went public last year, the fewest since 1997 and down from 46 in 2007, according to data released Monday by the National Venture Capital Association and Thomson Reuters.


Stock market investors do not want to invest in initial public offers, said Mark Heesen, president of the association.

And “potential acquirers have just become much more conservative,” he said.

It’s not just that technology stocks are volatile that they don’t know how much money they have.

In 2008, the leading maker of computer networking equipment, Cisco Systems, is typically an active acquirer, buying 10 to 15 technology companies a year. In 2008, it bought only five.

The few companies that did go public have performed poorly. They raised $470 million in public offerings, the lowest amount since 1997 and down from $10 billion in 2007.

As of Dec. 31, only one company, Cadence Design Systems, a maker of technology to monitor cardiac patients’ hearts outside hospitals, was trading above its offering price.

Acquisitions were more financially successful. Almost half of the companies acquired returned more than four times the amount of capital invested in them, according to the venture association.

The largest sale of the year occurred when Dell bought EqualLogic, which makes storage systems for virtualization.

In 2008, the use of virtualization technology grew more widespread.

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For $1.4 billion in January 2008.

However, corporate acquirers may continue to pay such attractive prices for venture-backed companies, Heesen said. He said that he feared Silicon Valley would return to fire sales.

If venture-backed companies cannot achieve public offerings or acquisitions, it could have a ripple effect.

Some limited partners, like universities and pension funds, have sought to put off their commitments to invest, and venture capitalists said they are reluctant to back many early-stage companies without more certain gains.

“Right now, it’s really hard for us to think about doing a start-up investment,” said Campbell-White, founder of MedVenture Associates, a venture firm in California.

The advertisement on the bus was fairly mild, just a passage from the Bible and the address of a Christian Web site. But when Araiene Shriver, a comedy writer, looked on the Web site in June, she was startled to learn that she and her nonbelieving friends were headed toward “spending all eternity in torment.”

That’s a bit extreme, she thought, as well as hard to prove. “If I wanted to run a bus ad saying ‘Beware — there is a giant lion from London Zoo on the loose’ or ‘The bit in orange juice aren’t orange but plastic — don’t drink them or you’ll die!’ I think I might be asked to show work and back up my claims,” Sherine wrote in a commentary on the Web site of The Guardian.

And then she thought, how about putting some atheist messages on the bus, as a corrective to the religious one?

And so were planted the seeds of the Atheist Bus Campaign, an effort to disseminate a godless message to the greater public.

“THERE’S PROBABLY NO GOD,” the advertisements say. “NOW STOP WORRYING AND ENJOY YOUR LIFE.”

Spotted one of the buses on display at a news conference in Kensington, passers-by were struck by the unusual message.

“Not always positively,” she said. “I think it’s dreadful,” said Sandra Lafaire, 76, a tourist from Los Angeles, who said she believed in God and still enjoyed her life, thank you very much. “Everyone is entitled to their opinion, but I don’t like it in my face.”

February 2, 2009

Applications are now being accepted for the 2009 Amgen-UROP Scholars Program.

Up to 26 students (approximately half from MIT) will be selected to conduct research in MIT laboratories, take part in networking and educational activities, and attend a mid-summer research symposium at UCLA. Participants receive competitive research pay, on-campus housing, and a food allowance.

Applications are due by February 2, 2009. For complete information on eligibility requirements and to access the online application, visit mit.edu/urop/amgenscholars.

The Amgen-UROP Scholars Program is managed by the Office of Undergraduate Advising and Academic Programming (UAAP), and is funded by a grant provided by the Amgen Foundation.

For more information, contact UAAP staff at amgenscholars@mit.edu, or (617) 253-7306.

For details on Amgen Scholars Programs offered at other U.S. universities, visit http://www.amgenscholars.com.
Opinion Policy

Editors are the official opinion of The Tech. They are written by the editorial board, which consists of Chairman Benjamin P. Gleitman, Editor in Chief Nick Semenkovich, Managing Editor Jessica Witchley, and Senior editors.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to The Tech, PO Box 379273, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors’ signatures, addresses, and phone numbers. Unsigned letters will not be accepted. The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority. Once submitted, all letters become property of The Tech, and will not be returned. Letters, columns, and cartoons may also be posted on The Tech’s Web site and/or printed in any other format or medium now known or later that becomes known. The Tech makes no commitment to publish all the letters received.

Guest columns are opinion articles submitted by members of the MIT or local community and have the author’s name in italics. Columns without italics are written by Tech staff.

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ARTS

CONCERT REVIEW

Experimental Antics at the Middle East

Thierree and the American Repertory Theatre

By Sam Byrson

Experimental Antics at the Middle East. Cambridge, Mass. December 13, 2008

A

so I write this, I have yet to form a solid opinion of “Sonic Bloom.” A

response to a disappointing series of short-shorts / experimental outfit The Viennagram’s Debut Performance in Boston

Thierree’s brilliant technical work created an

astonishing, fantastic atmosphere, which trans-
lates to a show that is much more of an experience,

and sound like a bunch of clowns. They look

at times rightfully so. Thierree is more than just

a character-actor of sorts, a self-created freak-

and band versus audience, audience versus

artistic background and will paint, dance, scream,

and band versus audience, audience versus

Now you can almost dance to?

I was down, and I was

looking forward to sleeping in a bed

that belonged to me.

Whatever I did was the best-kept secret

for the group. The festival consisted of nearly
twelve hours of a show that was nothing more

than a $180 button. Fare ranged from family

activities to face-melting concerts for even the

least attention, as did the group’s Berklee-

member why they came: curiosity, and the pur-

spective ones. At the time, that made sense. I had ini-

tial

lack of refinement, and, above all, their malle-


wished at the audience mid-air, or the flurry of feathers released from a mid-concert down pillow-pillow-dang. This is indicative that The Viennagram

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MIT Logarhythms Perform Annual Winter Concert In Kresge Theater

The Logarhythms, a male a cappella group, performed their Winter Concert on December 12 to a crowd in Kresge Theater.

(Clockwise from top-right.)
Logs Alumni join current members for the ballad “Superlogs.”
Benjamin A. Bloomberg ‘11 sings “See You Again” by Miley Cyrus.

Photography by Andrea Robies

SIPB IAP
Caffeinated Crash Course in Ruby
Wed Jan 7, 3–6pm, 1-115
Immerse yourself in the simplicity and power of the new scripting language on the block.

Being Productive with Emacs
Wed Jan 7 and 14, 6–7pm, 4-231
This powerful text editor can save you time and automate common tasks.

Intro to Web Application Security
Thurs Jan 8, 9–11pm, 56-114
Learn techniques to keep your webapps safe from crackers.

Extending BarnOwl
Mon Jan 12, 3–5pm, 3-133
Learn how to extend MIT’s most popular Zephyr client.

Caffeinated Crash Course in PHP
Tues Jan 13, 7:30–10:30pm, 1-115
Dive in to the popular web programming language.

Programming in Python
Tues/Thurs Jan 13, 15, 20, & 22, 9–11pm, 56-114
Learn Python, a simple and intuitive scripting language.

Caffeinated Crash Course in C++
Wed Jan 14, 3–6pm, 1-115
A brisk introduction to all the powerful constructs of C++.

sipb.mit.edu/iap

Exciting Startup Opportunity / MIT 100K Team for MIT Software Engineer
We’d like an entrepreneurial MIT final-year software engineer to join our startup team in 2009. Enter the MIT 100K with us, then start work on graduation:

• High-concept, “in the cloud”, paradigm shift in web marketing
• Local entrepreneurial success (me & CTO – his first startup – helped create billion dollar company and current Boston success story)
• Mass market experience (two previous startups: software app, 2 million users; ecommerce leader, 16 million customers in 100 countries)
• MIT connection (you: current; me: dropout)
• SaaS (recurring revenue biz model)
• Low cost, High Volume (free to $100, mass market web service)
• SELF-FUNDED, NO VC REQUIRED (break-even: 300 customers, 2009)

We seek innovative & ambitious EECS with sense of adventure, to make a substantial contribution to a web-project / startup company. Dev office in Panama. Stock Options + free accommodation + subsistence salary until break-even. Key role/small team (4 or 5, including you), lots of potential!

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WHY COME TO FUDCON?
Fedora is a popular distribution of the Linux operating system. FUDCon is the Fedora Users and Developers Conference. FUDCon is a combination of sessions, talks, workshops, and hackfests in which Fedora community contributors work on specific initiatives. Come and learn more about this popular Linux distro and how it’s put together!

FUDCon EVENTS:

HACKFEST
Friday January 9, 10 AM - 6 PM, MIT Tang Center Building E51

BARCAMP
Saturday January 10, 9 AM - 5 PM, MIT Tang Center Building E51

FUDPUB
Saturday January 10, 6 PM - 10 PM, Fat Top Johnny’s

HACKFEST
Sunday January 11, 10 AM - 6 PM, MIT Tang Center Building E51

LEARN MORE
https://fedoraproject.org/wiki/FUDCon/FUDCon%2011

FUDCon is sponsored by Red Hat, Inc.
The Daily Blunderbuss by Ben Peters

Today's Recipe for Awesome:

1 2 3
4 5 6
7 8 9

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.

Solution on page 10.

Solution, tips, and computer program at http://www.sudoku.com

ACROSS
1 Low-__ diet
5 Yuletide song
10 Hogwash!
14 Woodwind
15 Love of Luigi
16 Sch. for Bruins
17 Keaton sculpture?
19 Shopahope
20 Fulton’s power
21 Late July babies
22 Wife of Petruchio
23 Bad day for Caesar
25 Popped the top off
27 Overturned
31 Run smoothly
32 Sets to rest
33 Steno pad
37 Dessert tray options
38 Do the lawn
39 Strongly
40 Lifted a barbell overhead
43 Yellow shade
44 Greek letter
46 Attempts to do
47 Principal-free
50 Brad of “Troy”
51 Backside
54 ___ than that...
59 Vicinity
60 Hairdresser’s insult?
61 Vast quantity
62 Belfhop’s burden
63 ___ we meet again
64 Jai ___
65 Thin strip of wood
66 Finals
67 Candidate Perot
68 __ than that...
69 ___ than that...
70 ___ than that...
71 ___ than that...
72 ___ than that...
73 ___ than that...
74 ___ than that...
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95 ___ than that...
96 ___ than that...
97 ___ than that...
98 ___ than that...
99 ___ than that...
100 ___ than that...

DOWN
1 Corn holders?
2 Lie adjacent to
3 Ascended
4 Greek letter
5 Wheels
6 Moses
7 Rakes
8 Estimator’s equivocation
9 Fears from captivity
10 Bed in a fallout shelter?
11 Last quantity
12 List of candidates
13 Disliked intensely
14 Post Dickinson
24 ___ Plains, IL
26 Med or school starter
27 Light knocks
28 Actress Lena
29 Entreaty
30 Cleric’s background?
31 Mil. captive
33 Sign of ascent
34 Spoken
35 Fairytale baddie
36 Piano parts
38 Gibson or Brooks
41 Audit pro
42 Large rattish
43 Jazz devotee
44 Thespian
46 Morsel
47 Saudis and Omanis
48 “The Last Supper,” e.g.
49 Last Greek letter
50 Dark red wines
53 Window section
55 Ski lift
56 Saintly symbol
57 Time periods
58 Baseball stat
61 Golfer Ernie

PHD
Piled Higher and Deeper

HAPPY!
NEW!
YEAR!
STILL IN GRAD SCHOOL!

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Medieval and Renaissance Dance

Wednesdays, 7:30–9:30pm, 36-112
Come learn everything from English country dances to Renaissance Italian and beyond. No dance experience necessary. Wear flat shoes.

Medieval Dance Music

Mondays, 7–8:30pm, 36-112
Learn to play pre-1600 dance music with the Waytes of Carolingia. Bring an instrument you can play, but no experience with Medieval music necessary.

Medieval Choral Music

Mondays, 8:30–10pm, 36-112
Come sing a varied selection of Medieval and Renaissance songs with the Quire of Carolingia. Music provided; no experience necessary.

Intro to Commedia dell’Arte: Scene Work

Tues Jan 13, 7–9pm, 36-113
Commedia dell’Arte is a form of Italian improv dating back to the Renaissance that is still hilarious today. Different aspects covered each week; come to any or all.

Obsidian and Flint Knapping

Tues Jan 13, 7–9pm, 1-150
Ever been impressed by a stone arrowhead or knife-blade? Ever wanted to know how it was done? Make and take home your own obsidian arrowhead or spearpoint.

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Boston’s only authentic Bengali Cuisine restaurant

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http://www.royalbengalrestaurant.com/
Dreamers and Doers: Many Innovators Get Started as Undergrads

By John Schwartz

Lauren Tsai Was Athlete,onor Student, Engineer

Tsai, from Page 1

Lauren Tsai, a junior at MIT, is an athlete, a student, and an engineer. She is also a victim of the current penalties for bribery.

The bipartisan force behind the new Ethics Reform Bill that would stiffen Massachusetts’ bribery penalties has been soured by recent reports of alleged unethical behavior.

The bill, sponsored by Massachusetts Attorney General Martha Coakley and state Sen. William Galvin, would increase the penalties for bribery to $5,000 from $500 and increase the maximum prison sentence to three years from one year.

The bill would also require that the attorney general have the power to compel testimony from witnesses in ethics investigations.

The bill was introduced in response to a series of high-profile ethics violations in Massachusetts, including the resignation of former Lt. Gov. Tim Murray and the conviction of former state Sen. Dianne Wilkerson.

The bill has been criticized for being too lenient, but its sponsors say it is necessary to deter bribery.

“Without strong penalties, people will continue to abuse the system,” said Sen. Galvin.

The bill faces opposition from some lawmakers, who argue that it would be too harsh and would harm the state’s ability to attract business.

“I think it’s a good idea, but it needs to be balanced,” said Rep. James DiMassa.

The bill is expected to be passed by the Senate and sent to the House for consideration.

Eating Disorder Treatment

New Ethics Reform Bill Would Stiffen Mass. Bribery Penalties

Eating Disorder Treatment

NEW ENGLAND HOSPITAL

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Laurel Hill Inn provides a safe and supportive environment for patients to focus on their recovery and develop healthy coping strategies.

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Victims of the current penalties for bribery have been victimized by the system.

The current penalties for bribery are among the weakest in the nation, according to experts.

The new Ethics Reform Bill would increase the penalties for bribery to $5,000 and increase the maximum prison sentence to three years.

The bill would also require that the attorney general have the power to compel testimony from witnesses in ethics investigations.

The bill is expected to be passed by the Senate and sent to the House for consideration.
**Game of the Week**

**Ice Hockey Wins 7-4 Over Bridgewater in Final Game of 2008**

By Greg McKeever

The MIT Men’s Ice Hockey team tallied four consecutive goals in the final 24 minutes, the last two by Justin D. Myers ’11 to complete a hat trick, en route to a 7-4 win over Bridgewater State College in their final game of 2008. Myers was one of five Engineers to find the back of the net while Michael C. Kozlowski ’09 led the team with three assists.

John Cole gave Bridgewater State the early lead, scoring just three minutes into the contest. The Engineers struck back mid-way through the period on Ryan W. Bal- lentine’s ’09 power-play goal from Nick R. Labontey ’09. Bridgewater State regained the lead just over a minute later on a tally by Derek Forbush ’11.

Myers’ first marker of the game came 1:12 into the sec- ond period as he beat Bridgewater State goaltender Dan Norton off a pass from Vladimir Sobes ’11. Cole’s second goal just 1:06 later gave the advantage to the hosts once again. Bill Near ’11 was solid between the pipes, making 31 saves to pick up the win.

In addition to Myers and Koz- lowski, eight Engineers ended up in the point column, with Ballentine, Sobes, and Farno each re- cording a goal and an assist. MIT goaltender Stephen L. Yablonski ’11 was solid between the pipes, making 31 saves to pick up the win.

The Engineers return to ac- tion on January 14 when they host Northeastern at 7:00 p.m. in the Johnson Ice Rink.

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**Scoreboard**

### Men's Basketball

**Tuesday, Dec. 9, 2008**

- Emerson College (4-3) 75
- MIT (6-5) 78

**Saturday, Jan. 3, 2009**

- MIT (7-4) 63
- Yale University (3-9) 86

**Wednesday, Dec. 10, 2008**

- MIT (3-5) 30
- Regis College (9-4) 62

**Saturday, Jan. 3, 2009**

- Simmons College (6-3) 48
- MIT (3-6) 40

**Wednesday, Dec. 9, 2008**

- MIT (3-5) 65
- Brandeis University (5-6-0) 4

**Thursday, Dec. 11, 2008**

- University of Southern Maine (7-3-0) 4
- MIT (1-6-0) 1

### Men’s Ice Hockey

**Wednesday, Dec. 10, 2008**

- MIT (4-3-1) 7
- Bridgewater State College (5-6-0) 4

**Thursday, Dec. 11, 2008**

- University of Southern Maine (7-3-0) 4
- MIT (1-6-0) 1

### Women’s Ice Hockey

**Tuesday, Dec. 9, 2008**

- Simmons College (6-3) 48
- MIT (3-6) 40

**Saturday, Jan. 3, 2009**

- Rose Bowl Regatta MIT 2nd of 24

**Sailing**

- **Rose Bowl Regatta**
  - MIT 2nd of 24

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**Women’s Basketball**

Tuesday, Dec. 9, 2008
- MIT 2nd of 24

Rose Bowl Regatta
- MIT 2nd of 24

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**Women’s Basketball Falls to Simmons, 48-40**

Simmons College tallied 12 unanswered points dur- ing the final four minutes of regulation to pull out a 48-40 win over host MIT in non-conference women’s basket- ball action on Saturday. Cheryl M. Kvinn ’09 reached double-digits in rebounding for the third game in a row with 20 boards to go along with seven points and a team-high four assists for the Engineers.

Simmons quickly established a 7-2 advantage, which MIT matched on a basket by Clara J. Yuan ’09 and a three-pointer from Jamie L. Simmons ’12. After a 17-7 Simmons run, MIT narrowed the gap to seven (24-17) at the break courtesy of a layup and free throw by Hannah E. Spaulkman ’12 and a jumper from Yuan. Simmons maintained a slight edge until midway through the second half when a Jamie Simmons’ steal setup a layup by Yuan which ignited a 12-4 run and re- sulted inMIT’s largest lead (40-36) with 4:19 remaining. A final push from the Sharks put Simmons ahead for good with 2:11 left to play.

Yuan posted a team-high 12 points while Spaulkman added six coming of the bench. Kristen E. Whaley ’11 collected nine rebounds as Amy J. Marshall ’09 contrib- uted six of her own.

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**Yale Bulldogs Wear Down Men’s Basketball, 86-63**

Facing its first Division I opponent in 18 years, MIT was unable to keep pace with Yale University’s size and depth as the Bulldogs outscored the Engineers by 10 in each half en route to an 86-63 victory on Saturday.

Jamie M. ‘Sunny’ Bartolot- ta ’09 wounded the second county the Engineers have seen this season with several spectacular plays, but despite his terrific performance and game-high 32 points, MIT had few answers for Yale’s inside attack.

In addition to delivering his fifth 30-point game of the season, Bartolotta added three blocks and three steals on the defensive end. Willard J. “Billy” Johnson ’09 dipped in 13 points and six rebounds, while rookie James D. Karakos ’12 finished with 12 points on 4-of-9 shooting. Bradley H. Gampel ’09 added four points and a team-best six assists while the rest of the MIT contingent combined to finish 6-of-19 from the field.

The victory moved Yale’s all-time record against MIT to 6-0 as the teams met on the hardwood for the first time since 1975. James Kramer, DAPER Staff

The game marked the Engineers’ third game versus a Division I opponent since 1986.

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**Sailing Captures Second- Place Finish at Rose Bowl Regatta**

The MIT sailing team rang in the New Year in style with a remarkable second place finish out of 24 entries at the Rose Bowl Regatta this past Saturday. With an amazing score of 95, the Engineers fell just nine points shy of event winner and nationally ranked No. 1 Bos- ton College. Both MIT and BC were the only teams who finished with scores lower than 100, as the tallies ranged from 86 to 396.

The Engineers proved incredibly consistent between both A and B divisions, with the former placing fourth in its circuit and the latter third. In an extraordi- nary showing, both groups placed in the top nine in all nine races. Along the way, a team skipper Brooks L. Red ’09 and crew Lisa A. Slichter ’10 finished sec- ond twice and first once, while B squad leader Joshua C. Lengemann ’10 and crew Victoria E. Lee ’10 dotted third twice and first once. Each team closed with four top-five finishes.

“Not a bad way to start the 2009 season!” exclaimed Sailing Master Fiananster Master Charles. Rounding out the top five teams were Georgetown University, the College of Charleston, and St. Mary’s College.

—Mike Stoller, DAPER Staff

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20.104 Chemicals in the Environment: Epidemiology, Toxicology and Public Health

(Same subject as 1.081, ESD.053J)

William G. Thilly and Robert C. McCunney

thilly@mit.edu
mccunney@mit.edu

Prerequisites: 5.112 or 3.091, 7.01x

Units: 3-0-9

Lecture: Tuesday and Thursday 1:00-2:30 (56-169)

Quantitative analysis of relationships between occupational and environmental exposures and risk for common mortal diseases such as cancer and atherosclerosis. Use of U.S. and Japanese mortal- ity data to delimit the historical timing of changes in environmental risk. Use of state wide community data to explore local environmental risks. New this spring: Exploration of role of newly discovered “metakaryotic” organogenic stem cells in tumor and plaque initiation. See http://epidemiology.mit.edu.