Does Your Vote Count? It Depends on Who's Counting Your Votes

By Florence Gallez

While the debate over who America will vote into the Oval Office is in full swing, so too is the discussion about how the voting will happen. The November elections will feature unprecedented levels and varieties of electronic voting.

Electronic voting encompasses a variety of technologies, including optical-scanning, Internet, and touch-screen systems. Despite more complex security technology and new legislation that increases security requirements, experts debate over how, if it all, electronic voting should be implemented.

Improved technologies

MIT-affiliated experts consulted by The Tech generally agree that electronic voting technologies have improved over the past several years. Stephen D. Ansolabehere, professor at Harvard University's School of Government, and former director of the Center/MIT Voting Technology Project said, "The systems do work, in the sense that they do operate reasonably well on Election Day and they do not produce wildly irregular results. Those who have looked at the numerical properties of vote tabulations find them to fit with the numerical properties one would expect from counting."

Security is a concern in all forms of voting technology, he said. "The security concerns raised with electronics are not exceptional," said Ansolabehere. "It is easy to tamper with paper voting ... by destroying ballots or substituting one set of ballots with another ... Such problems on a wide scale led Brazil to adopt electronic voting," he said.

Olivier Pereira, a Belgium-based cryptography specialist and a professor at the Université Catholique de Louvain who has worked as a visiting scientist in the Theory of Computation Group at MIT's Computer Science and Artificial Intelligence Laboratory several times over the past four years, "I think e-voting is acceptable based on the student's degree."

Grad Ring Committee chair Shahriar R. Khushrushahi, outgoing chair of the class of 2009, said, "The official MIT seal is featured in all historic hack plaques. If any hack included objects that are not permitted based on the student's department, the ring may also be personalized."

MIT graduate students packed into Walker Memorial on Wednesday night to celebrate the unveiling of the first new Grad Rat ring design since 2003.

The ring features a beaver holding both a diploma, symbolizing graduation, and pizza, symbolizing free food, on the bezel.

The official MIT seal is featured prominently on one shank, while the other shank contains an icon personalized based on the student's department. The ring was designed by a team of engineering students.

Grad Rat since 2003

In 2003, the Grad Rat was redesigned with the aim of including students' class years and degrees received. These options are unique to the Grad Rat, as the undergraduate Brass Rat has a uniform design.

ECEC's graduate student Shahrara R. Khushrushahi, outgoing chair of the Graduate Ring Committee, designed the ring, saying that she wanted to incorporate more symbolism into the Grad Rat so that the design would relate better to the next five graduate classes. Unlike the past ring which included absolute objects like the Statuette, Khushrushahi said she wanted to include "options that are unique to the Grad Rat, as the undergraduate Brass Rat has a uniform design."

Pi Phi Completes First Round of Recruiting

Forty-one of the '74 women who registered for recruitment pledged the new MIT chapter of Pi Beta Phi. New members were greeted by sisters of other national Pi Phi chapters at a bid day celebration on Sunday.

Pi Phi recruitment organizer Luisa Badaracco noted, "the new pledge class will provide a very strong base for the future of Pi Phi at MIT." She said that strong representation from all four class years adds to the depth of the class. On November 14, the new pledges will be officially initiated into the sorority as sisters of the society. Since the MIT chapter did not meet its maximum membership capacity of 60 sisters, they will host another recruitment in the spring.

--Robert McQueen

In Short

Michael L. Pou '11 was elected treasurer of the Dormitory Council last night. Pou replaces Eric H. Munvell '09, who was elected Sept. 15, 2008 but subsequently resigned. Munvell replaced Anthony E. Rindone '10, who resigned at the beginning of the school year after he began his fraternity.

An energy debate between the Obama and McCain campaigns, hosted by the MIT Energy Club and Energy Initiative, will be held Monday, Oct. 6 from 7:30-9:30 p.m. in Kresge Auditorium. The debate will feature former CIA Director James Woolsey for McCain and Jason Grumet, executive director of the National Commission on Energy Policy, for Obama.

Reported by Pam Ansara

Opinion

Is This MIT? Page 4

The Bailout That Isn't: Does rescuing banks violate free market ideology? Page 5

World & Nation Page 6

Opinion Page 4

Arts Page 7

Comics / Fun Pages Page 8

Sports Page 16

The Weather

Today: Partly cloudy, slight chance of rain. Low 70°F (21°C).

Tonight: Clear. Low 50°F (10°C).

Tuesday: Mostly clear. High 63°F (17°C).

Details, Page 2

Add Date Today

MIT's Oldest and Largest Newspaper

http://tech.mit.edu/
Investors drove stocks sharply lower on Thursday as signs of the economy's worsening health and a continued declining of credit unsecured investors ahead of a crucial vote in Washington on a financial rescue plan.

While banks had been the focus for much of the week, their problems spread to insurance companies. But the worst declines came on companies in manufacturing, chemical production and mining industries that are usually impacted by problems in the economy. The declines were so steep that the problems of the tight credit market, which has been mostly contained to Wall Street, were now spreading across the broader economy, a sentiment supported by weak reports on manufacturing activity that were released this week.

The Dow Jones industrial average dropped at the opening bell and never looked back. A burst of selling in the last hour sent the index to a 348.22 loss at the close; it finished the day down 3.7 percent at 10,482.85. The broader Standard & Poor's 500-stock index fared worse, dropping more than four percent; and the Nasdaq composite index fell 4.5 percent.

### Dow Tumbles Almost 350 Amid Investors' Mounting Concerns

**By Michael M. Grynbaum and Steve Friess**

The next few days of weather will be dominated by a high pressure system in the southernmost part of the country that will slowly move into our region, producing clear skies, chilly mornings, and relatively low temperatures. Monday's forecast looks especially tricky, with a relatively high chance of rainfall and cloudy skies as the southernmost part of the high weakens leaving open the possibility of some squall lines crossing the region.

**WEATHER**

**Situation for Noon Eastern Daytime Time, Friday, October 3, 2008**

**Extended Forecast**

**Today:** Partly cloudy with a slight chance of precipitation in the afternoon. Low 50°F (10°C). High 64°F (18°C).

**Tonight:** Clear. Low 47°F (8°C).

**Saturday:** Mostly cloudy. High 71°F (22°C).

**Sunday:** Partly clear. Low 47°F (8°C). High 62°F (17°C).

**Monday:** Mostly cloudy, chance of rain. Low 49°F (9°C). High 54°F (12°C).

### Judge Berates Prosecutors in Trial of Alaska Senator

**By Neil A. Lewis**

WASHINGTON

The federal corruption trial of Sen. Ted Stevens, the longtime Alaska Republican, t is expected to start on Monday morning after a long and contentious jury selection process. The judge, however, severely admonished the department — including parallel public interest litigation — which is handling the case.

“How do the court have confidence that the public integrity section has public integrity?” he asked at the conclusion of an extraordinary hearing he called after dismissing the jurors for the day. He ordered the government to turn over all its files to the defense, saying he no longer believed in the ability of prosecutors to make full disclosure on their own, as is customary in trials.

The surprise development came after prosecutors late Wednesday night sent to the defense team a copy of an FBI report of an agent’s handling of the case.

### Remains Found at Fossett Crash Site

**By Jesse McKinley and Steve Fries**

WASHINGTON LAKES, CALIF.

A day after discovering the wreckage of the plane flown by the millionaire adventurer Steve Fossett when he disappeared 13 months ago, investigators said Thursday they have found small amounts of human remains at the crash site, a rugged and lonely mountainside in the Sierra Nevada. The remains were discovered during a search by a team of federal investigators that has been ongoing since the plane went missing.

### House GOP Leaders Wrangle Balky Caucus on Bailout

**By David M. Herszenhorn and Robert Pear**

WASHINGTON

House Republican leaders struggled Thursday to persuade some of their members to reverse course and support the $700 billion economic rescue plan. House Republicans said that they were guardedly optimistic about winning final passage of the measure in a vote expected early Friday afternoon.

House and congressional leaders maneuvered to drum up support, several lawmakers in each party said they were preparing to switch their votes. But others remained ambivalent amid a continuing debate of calls from angry constituents, and top Democrats warned that they would not bring the bill to the floor unless they were certain of victory.

The House approved the bailout plan on Wednesday night, 74-25, with a solid bipartisan majority; but both parties acknowledged that more votes are needed. The Senate defeated the plan on Monday after adding a thick portfolio of popular tax provisions. The Senate action came after House members defied the leadership of both parties and rejected the plan on Monday. It fell 12 votes short, and Republicans opposed it by too close to 25, with a solid bipartisan majority.

House Republicans struggled Thursday to persuade some of their members to reverse course and support the $700 billion economic rescue plan. House Republicans said that they were guardedly optimistic about winning final passage of the measure in a vote expected early Friday afternoon.

### With High Stakes and Low Expectations, Palin Survives

**By Adam Nagourney**

WASHINGTON

Sarah Palin made it through the vice-presidential debate on Thurs- day without doing any obvious damage to the Republican presidential ticket. By surviving her encounter with Sen. Joseph R. Biden Jr. and quitting the debate after 15 minutes of the talk, she managed to keep the heat off her as she continued to campaign.

But even if she does not change the outcome of the election, she has been performing well in the race to be Republican states, like Michigan, a Democratic state where McCain’s advisors have since been opti- mistic of victory.

“The goal is to help stop the bleeding,” said Todd Harris, a Republi- can consultant who worked for McCain in his first presidential campaign. “But this alone won’t change the trend line, particularly in some of the battleground states.”

#### Low Pressure

**Partly cloudy with a slight chance of precipitation in the afternoon. Low 49°F (9°C). High 54°F (12°C).**

### House GOP Leaders Wrangle Balky Caucus on Bailout

**By David M. Herszenhorn and Robert Pear**

WASHINGTON

House Republican leaders struggled Thursday to persuade some of their members to reverse course and support the $700 billion economic rescue plan. House Republicans said that they were guardedly optimistic about winning final passage of the measure in a vote expected early Friday afternoon.

House and congressional leaders maneuvered to drum up support, several lawmakers in each party said they were preparing to switch their votes. But others remained ambivalent amid a continuing debate of calls from angry constituents, and top Democrats warned that they would not bring the bill to the floor unless they were certain of victory.

The Senate approved the bailout plan on Wednesday night, 74-25, with a solid bipartisan majority; but both parties acknowledged that more votes are needed. The Senate defeated the plan on Monday after adding a thick portfolio of popular tax provisions. The Senate action came after House members defied the leadership of both parties and rejected the plan on Monday. It fell 12 votes short, and Republicans opposed it by too close.

Democratic leaders insisted Thurs- day that it remained up to the Republi- cans to find more votes. The Senate vote included more than $43 billion in tax breaks, including incentives for solar, wind and other renewable energy sources, but it included offsets to pay for only $43 billion, infuriat- ingly few provisions that would be permanent. The Senate had already rejected a few Republican efforts in the House.

“We may lose people,” the major- ity leader, Rep. Steny H. Hoyer, Democrat of Maryland said. “And I have informed the Republican lead- ership that may be the case. Be- cause frankly, the things that were added on and the way they were added are essentially appeal to Re- publicans.”

But apparently it was not appeal- ing enough because only a few Republi- cans stated publicly that they would support the $700 billion bailout plan.

The Senate approached the $700 billion economic rescue plan on Thursday night with the prospect of bad economic reports on everything from job losses to automo- bile sales.

### Fall Getting In Shape

**By Roberto Rondanelli**

NEW YORK (Reuters) — New England has a few days in the year that we, people from more tem- plate climates, can properly call fall. These are those days, and they are the thickest of the fronts that are expected to move through the region, including a stationary front that will be the focus for most of the week.

The extended forecast looks especially tricky, with a relatively high chance of rainfall and cloudy skies as the southernmost part of the high weakens leaving open the possibility of some squall lines crossing the region.

“New England has a few days in the year that we, people from more tem- plate climates, can properly call fall. These are those days, and they are the thickest of the fronts that are expected to move through the region, including a stationary front that will be the focus for most of the week.”

The extended forecast looks especially tricky, with a relatively high chance of rainfall and cloudy skies as the southernmost part of the high weakens leaving open the possibility of some squall lines crossing the region.

**Fall Getting In Shape**

**By Roberto Rondanelli**

NEW YORK (Reuters) — New England has a few days in the year that we, people from more tem- plate climates, can properly call fall. These are those days, and they are the thickest of the fronts that are expected to move through the region, including a stationary front that will be the focus for most of the week.
Bloomberg Finds All for Extending Term Limits

By David W. Chen

The New York Times

October 3, 2008

The New York Times

Tuesday, paving the way for Mayor Bloomberg of New York to announce that he will seek to extend the term limits on the city’s elected officials to two terms from the current one term. The city council’s vote on the measure was a thinly veiled warning to any group being pushed for behind the scenes — could come later this month, Mayor Quinn said.

And while she declined to reveal her position in advance, she said she would meet with other members of the council to discuss the bill and “move forward as swiftly as possible.” Quinn’s remarks, and the rapid timetable she described, immediately triggered concern that a deal had already been struck between the mayor and Quinn, who has been close friends with the former city counsel who will be running for the city’s top job in 2011.

As Bombs Fall Silent, An Iraqi City Blossoms

By Erica Goode and Mohammed Hussein

The New York Times

October 6, 2008

Bombs go off infrequently now in Samarra, and they are mostly small, nothing like the massive explosion that two years ago toppled the statue of the famous poet and revolutionary. Today, the city setting off a wave of sectarian bloodletting across Iraq.

And a schwarmah shop open near a heavily guarded central neighborhood. Earlier this week, dozens of children rode a creaky Ferris wheel and took wagon rides on a downtown street to celebrate Id al-Fitr, the holiday that marks the end of the month-long fast. The shrine itself is slowly being rebuilt. This week, for the first time in two years, hundreds of worshippers attended morning prayers for Id al-Fitr under the delicately blue-diled dome of the mosque next door.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

Pakistan’s Fight With Taliban Widens Into Full-Scale War

By Jane Perlez

The New York Times

October 3, 2008

The New York Times

As the drive to disarm the Taliban in Swat for a month.

Cross.

The biggest shock to public opinion has been the sudden engagement of the Pakistani army, and the assaults, intimidation and rough justice of the Taliban who has the Pakistani army fought its own strongholds, which the United States has heaped sanctions, limited aid and surrendered nine of his 10

An estimated 250,000 people have now left Pakistan’s northwestern tribal areas, and a long line of trucks and cars has carried out of Swat for a month.

When children are abused or neglected, they can be taken by the child-welfare system, and possibly confined in prison if they commit crimes, they enter the juvenile justice system. In such cases, children and their parents are supposed to receive counseling and other aid. But when troubled children do not fit those categories, they often fall through the cracks, Courtney said.

Some who work with troubled children add that economic conditions, that is, too little wages and the epidemic of foreclosures, may make the situation worse, adding layers of stress and confusion.

“I have no doubt that there are additional stresses today on families who already are very stressed,” said Gary Stangler, director of the Jan Casey Youth Opportunities Insti- tute in St. Louis, which aids foster children entering adulthood.

The military was already locked on October 2 in a more settled area of North- West Frontier Province that was once a Taliban stronghold. Today it is a marshaling of forces for another battle.

“People here are pretty solid,” said Najib Ali Khan, a minister in the provincial government who has taken refuge in Peshawar, the city where the attacks were so severe that he had not been to his house in Swat for a year.

At a third front, south of Peshawar, around the town of Dera Adam Khel, the army recently repackaged from Tal-iban control the strategic Kohat tunnel, a road that carries long that car-

Microsoft Unveils Plan For Three Labs in Europe

By Eric Pfanner

The New York Times

October 3, 2008

Microsoft said Thursday that it would set up research centers in Brit- ain, France and Germany to improve its Internet search technology, de- scriptions of the effort as the biggest test of the European economy and in the company’s ability to close the gap with Google.

The chief executive, Steven A. Ballmer, said at a news con- ference that the laboratory in Paris would focus on understanding and in Munich — would employ several hundred people.

Microsoft has been pushing to improve its ability to run Internet search services that would compete with the Google search engine and with its own Bing, which is that after its failed bid to acquire Yahoo. Yahoo struck a deal instead with the market leader, Google, to share its technology.

The search engine is in its infancy, and there is so much room for innovation.”

The Korean firm has already been doing extensive searches in Europe, according to the research company comScore, its share is slightly more than 60 percent in the United States.

Microsoft has been pushing to improve its ability to run Internet search services that would compete with the Google search engine and with its own Bing, which is that after its failed bid to acquire Yahoo. Yahoo struck a deal instead with the market leader, Google, to share its technology.

The search engine is in its infancy, and there is so much room for innovation.”

Sunspots Are Fewest Since 1954, But Significance Is Unclear

By Kenneth Chang

The New York Times

October 3, 2008

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The Technology

October 4, 2008

The New York Times

The country is teetering.

Sunspots have been the quietest part of the cycle, or solar minimum. But even for this
trend was apparent in Asia last year, and there was a spike in the number of those who had tried drugs rose to 4.5 million from 3.5

Microsoft has been pushing to improve its ability to run Internet search services that would compete with the Google search engine and with its own Bing, which is that after its failed bid to acquire Yahoo. Yahoo struck a deal instead with the market leader, Google, to share its technology.

The search engine is in its infancy, and there is so much room for innovation.”

The Korean firm has already been doing extensive searches in Europe, according to the research company comScore, its share is slightly more than 60 percent in the United States.

Sunspots Are Fewest Since 1954, But Significance Is Unclear

By Kenneth Chang

The New York Times

October 3, 2008

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The Korean firm has already been doing extensive searches in Europe, according to the research company comScore, its share is slightly more than 60 percent in the United States.

Microsoft has been pushing to improve its ability to run Internet search services that would compete with the Google search engine and with its own Bing, which is that after its failed bid to acquire Yahoo. Yahoo struck a deal instead with the market leader, Google, to share its technology.

The search engine is in its infancy, and there is so much room for innovation.”

The Korean firm has already been doing extensive searches in Europe, according to the research company comScore, its share is slightly more than 60 percent in the United States.

Microsoft has been pushing to improve its ability to run Internet search services that would compete with the Google search engine and with its own Bing, which is that after its failed bid to acquire Yahoo. Yahoo struck a deal instead with the market leader, Google, to share its technology.

The search engine is in its infancy, and there is so much room for innovation.”

Sunspots Are Fewest Since 1954, But Significance Is Unclear

By Kenneth Chang

The New York Times

October 3, 2008

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.

The sun has been strangely unblessed this year. On more than 200 days so far this year, no sunspots were spotted. That makes the sun blander than it’s been in any year since the 1700s, according to the research company comScore; its share is slightly more than 60 percent in the United States.
Chancellor Clay—celebrates community traditions by chastising hackers. Cognitive dissonance much?

A new soreness touches down on campus. If you didn’t fit one of the others, here’s your chance.

Voter drives on campus register more than 500 students. No more complaining about youth antihaviveness.

The shank of the new Grad Rat is no longer big. It is a dramatic improvement.

I chose MIT because of the stories. The great campus heist. The police on the student-run live-action role playing club. The simple truth was placed in the intelligence and competence of the students — in letting them choose their own living groups that kept up our culture, the colonials. For the students, not the adults, old, in letting them have a voice in any decisions affecting the school, old, in letting them have a voice in any decisions affecting the school, old.

But the stories I hear now do not echo these tales that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

I sat down on the end of a row just before the State of the Institute speech began, and quietly introduced myself to the woman next to me. I knew what I wanted to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

President Hockfield's speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

But the stories I hear now do not echo these tales that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

President Hockfield’s speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

However, I believe that I was very lucky when I was accepted to MIT. So why would I want to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

President Hockfield’s speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

However, I believe that I was very lucky when I was accepted to MIT. So why would I want to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

However, I believe that I was very lucky when I was accepted to MIT. So why would I want to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

However, I believe that I was very lucky when I was accepted to MIT. So why would I want to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

However, I believe that I was very lucky when I was accepted to MIT. So why would I want to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

So President Hockfield's cheerful speech was not exactly what we thought it would be. These are unsettling times, but at Wall Street. But that was about as dreary as her speech ever got. The stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.

However, I believe that I was very lucky when I was accepted to MIT. So why would I want to be, what I was capable of, what I could do, but I was afraid. I almost walked out. But the stories I would hear now did not echo the stories that my roommate and I discussed last night. I was only half joking when I said that I had read a great book now, Steve Howland's "The Dharma of a Modern Yogi.
As long as the rescue plan remains in negotiation, the economy is going to dominate the national discussion.

The media, content to portray the rescue as a technicality, has fallen in love with this word. It meshes so well with the ideological metaphors which pervade the financial world. We talk about liquidity, as if we know what that is, or that, or watching a rising tide lift all boats. It's no surprise that we use water to describe monetary affairs — it was, after all, the economists who started it in the first place with all their talk about "liquidity." But the image of a bailout, with the U.S. taxpayer's money going into a bank to help keep it afloat, is not an accurate one. This is not socialism — nor is it a gift to banks. It's a promise to depositors that if they have enough faith in a bank to put their money in it, then the government will be there in case the bank fails. At first glance, a market for money is no different from a market for say, hot dogs. There is a demand (borrowers), a supply (lenders), and the interaction between the two determines an equilibrium price (the interest rate).

The difference that justifies the different treatment of hot dog and monetary markets is the need for intermediaries. As a short-hand we will refer to intermediaries from the financial sector as "banks" or "banking institutions." The activation of a failsafe that has been pres- ented to them, is that in case a bank fails, the government will protect the depositors from the failure. This is perfectly in accordance with laissez- faire ideals and which belongs as a permanent component of any free-market economy. At first glance, a market for money is no different from a market for say, hot dogs. There is a demand (borrowers), a supply (lenders), and the interaction between the two determines an equilibrium price (the interest rate).

The difference that justifies the different treatment of hot dog and monetary markets is the need for intermediaries. As a short-hand we will refer to intermediaries from the financial sector as "banks" or "banking institutions." The activation of a failsafe that has been presented to them, is that in case a bank fails, the government will protect the depositors from the failure. This is perfectly in accordance with laissez-faire ideals and which belongs as a permanent component of any free-market economy. At first glance, a market for money is no different from a market for say, hot dogs. There is a demand (borrowers), a supply (lenders), and the interaction between the two determines an equilibrium price (the interest rate).

The difference that justifies the different treatment of hot dog and monetary markets is the need for intermediaries. As a short-hand we will refer to intermediaries from the financial sector as "banks" or "banking institutions." The activation of a failsafe that has been presented to them, is that in case a bank fails, the government will protect the depositors from the failure. This is perfectly in accordance with laissez-faire ideals and which belongs as a permanent component of any free-market economy.
Watch the Baseball Playoffs
Even If You’re Not a Red Sox Fan

Gary Shu

It’s October and the most exciting time on the sports calendar has arrived — baseball playoffs. For the first time in a long while, of the two teams I’m a fan of, neither are playing for a title in the fall. To the non-baseball aware, this means I am not a fan of the Boston Red Sox, who are sneaking into postseason play as the American League (AL) wild card. My situation is like many students in Boston, who come to school with a team (or three) to cheer on. Many of the uninitiated will leave Red Sox fans, and while that saddens my heart, at least there’s another baseball fan out there.

I hope those of you who are not yet baseball fans will still watch this year’s playoffs to cheer with me for the Tampa Bay Rays, a team that has never had a winning season in the entire history of the franchise. This year, they dominated their competition in the AL East, the division where they and the Red Sox play. The Rays earned the division title using a coterie of talented and exciting young players like Matt Garza, Evan Longoria, and Fernando Perez, an Ivy League-educated rookie who was called up from the minors this year. My brother tells me we played Little League together. I don’t remember that — but it would certainly explain the undefeated season we had one time.

I’ll be listening on my satellite radio to hear if the Chicago Cubs can break their 99-year World Series drought — a championship famine that has lasted longer than the Red Sox’s recently-broken “Curse of the Bambino.” In order for the Cubs to win it all though, they’ll have to go through the Los Angeles Dodgers, whose playoff push was led by the recently disposed Manny Ramirez. Once loved by the Boston faithful, he “Manny-being-Mannyed” his way out of Fenway Park’s Green Monster in left field. I can’t wait to hear the boos rain down on him if he and the Dodgers end up making it to Boston.

I have the fondest memories of baseball playoff games. I remember in undergrad in the 2001 playoffs, I met my girlfriend from the Tampa Bay Rays, a team that has never had a winning season in the entire history of the franchise. This year, they dominated their competition in the AL East, the division where they and the Red Sox play. The Rays earned the division title using a coterie of talented and exciting young players like Matt Garza, Evan Longoria, and Fernando Perez, an Ivy League-educated rookie who was called up from the minors this year. My brother tells me we played Little League together. I don’t remember that — but it would certainly explain the undefeated season we had one time.

I’ll be listening on my satellite radio to hear if the Chicago Cubs can break their 99-year World Series drought — a championship famine that has lasted longer than the Red Sox’s recently-broken “Curse of the Bambino.” In order for the Cubs to win it all though, they’ll have to go through the Los Angeles Dodgers, whose playoff push was led by the recently disposed Manny Ramirez. Once loved by the Boston faithful, he “Manny-being-Mannyed” his way out of Fenway Park’s Green Monster in left field. I can’t wait to hear the boos rain down on him if he and the Dodgers end up making it to Boston.

I have the fondest memories of baseball playoff games. I remember in undergrad in 2001, baseball season was pushed back after September 11th and games were being played for the first time in November. The country was still stunned, and I had p-sets due, but I found time to escape from them by ice skating in the brisk air while I watched the game on a big outdoor screen. Later, in the 2003 playoffs, I met my girlfriend from graduate school around the time that the Oakland Athletics and the New York Yankees.

Mike Piazza hit his last home run over the Green Monster. Even though I’m not a Red Sox fan and it was a meaningless game in terms of championship pennants, it was still an experience never to be forgotten.

Now I’m sure the celebration last year when the Red Sox won their second championship in four seasons was great. (I wouldn’t know, I went to bed early that night.) I’m also sure it’s the reason why so many MIT students are Sox fans. I can’t blame them. It’s a magical time — when you can be completely swept up in a crowd of fellow fans dancing and screaming in the city streets. Such events make an impression on young students, and when you graduate, you too will be part of the Red Sox Nation diaspora.

I can only hope that as you watch the playoffs this fall, you will keep in mind the virtues of some of the other teams besides Boston and consider cheering with me during the playoffs next year when my other favorite franchise makes it back to playing October ball: the New York Yankees.

Gary Shu is a student in the Engineering Systems Division and the Department of Urban Studies and Planning. He is a proud fan of the Oakland Athletics and the New York Yankees.
CONCERT REVIEW
A Secular Blessing
The BSO & TFC Perform Brahms' Monumental Work of Mourning
By Sudop Agarwala

The Enthusiast (2008, Op. 45), Johannes Brahms
Boston Symphony Orchestra and Tanglewood Festival Chorus
Symphony Hall, Boston
Sept 28, 2008

As with many things, this too started with Beethoven. It must have been a draining performance for both music-loving minds and audi¬ence, one of the three movements of the Missa Solemnis (Op. 123) and the Ninth Symphony (Op. 125) premiered in all on one night on May 7th, 1824. These have both become watermarks of music that have revolutionsized their genres. The Ninth Symphony is a more famous of the two because it was the first in a long time that the major symphony to incorporate both choral and orchestral music into a symphony. The Missa seems to have been shafted, po¬tentially because of its religious connotations, but still so its innovation in content: the notable use of the Missa Solemnis as a that was composed for a secular audience. Although the religious text was exchanged, Beethoven’s piece is humanistic in its meaning and motive, occupying a strange duality be¬tween the sacred and secular. The Ninth Symphony is the more famous of the two because it was still others say that it (like most of Brahms’ s compositions about this performance. The TFC deliv¬ered a remarkably crisp performance that re¬alized the Brahms’ s intricate choral counterpoint. Overall, however, Levine’s performance provided a unique inter¬pretation of the Requiem; tempos took some time to become settled (a more lively tempo in the first movement flowed into e_pressions about this performance. The TFC deliv¬ered a remarkably crisp performance that re¬alized the Brahms’ s intricate choral counterpoint. Overall, however, Levine’s performance provided a unique inter¬pretation of the Requiem; tempos took some time to become settled (a more lively tempo in the first movement flowed into e

A lot of single-instrument groups can be gimmicky — along the lines of, “What if we played in our own instrument? Can we make a coherent album?” Many of those efforts are well and good, even virtuosic, but the majority are too self-consciously devoted fan-bases — those who, no doubt, thrive for vic¬tory and to show off their moments of an oboe — player without much chance at breaking through to the larger musical scene.

The Tech

Small business looking for website designers.
Submit a written proposal with samples of previous work.
Contact: Suzie, after 617-569-3017

LEGAL COUNSEL
MILT students, families, employers and employers offering legal services to MIT students, family, employers and employers looking for legal counsel, campus or office consultation. Call:"
ACROSS
1 Bolivian capital
6 Lively dance
9 Certain 1980s Chrysler models
14 Oranjestad’s island
15 One Gershwin
16 Brief summary
17 Against a thing, in law
18 In what manner
19 Part of UHF
20 Tear up
21 Alannah Myles hit
24 Shoulder muscle
26 Turkish title
27 Long, long time
28 Lunch holder, sometimes
33 __ Gras
35 With 41A, title for this puzzle
36 Victrola mfr.
37 Peruse
38 Wild card
39 Quantum theory pioneer
40 __ Lanka
41 See 35A
42 Cringe
43 Gave solace to

DOWN
1 Scottish landowner
2 Putter Palmer
3 Prince and the Revolution hit
4 Bart’s grandpa
5 Ice smoother
6 Holy war
7 Camaro model
8 Stare stupidly
9 “A Nightmare on Elm Street” villain Freddy
10 Stock of wines
11 Last of “Hamlet”
12 Not common
13 Verbal skirmish
22 Fleur-de-
23 Mist
25 “Sweeney ___”
28 Jabbed
29 Pub servings
30 Rolling Stones hit
31 Liniment target
32 “Mr. Mom” co-star
33 Richie’s mom, to Fonzie
34 Dynamic opening?
35 Scoop holder
38 Singer Iglesias
39 Boxer Riddick
41 Funnel cloud
42 Be composed
44 Picturesque
45 Irish Sea isle
47 Spirits of a screwdriver
48 Vegas openings?
49 Retort to “Are not!”
50 Auto financing co.
51 Sitarist Shankar
52 Swollen heads
53 Tide type
54 Part of RPI
59 “The Matrix” role
October 3, 2008

**Blobbles**

by Jason Chan

"New to Blobbles? Here's how it works. Send me a caption or title at blobbles@tech.mit.edu, and I'll draw a picture to go along with it!"

---

**Theory of Pete**

by Cai GoGwilt

---

**Sudoku**

© Puzzles by Pappocom

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 12.

---

**Doonesbury**

by Garry Trudeau

---

**Dilbert®**

by Scott Adams
Thank you to Students, Faculty, Staff and Employees of M.I.T.

Bose Corporation was founded and built by M.I.T. people. Our success in research and in business is a result, in no small part, of what M.I.T. has done for us. As one measure of our appreciation, we are extending special purchase privileges to all students and employees of M.I.T. for their personal use.

**Police Log**

The following incidents were reported to the MIT Police between Sept 4 and Sept. 10, 2008. This summary does not include incidents such as false alarms, general service calls, or medical shuttle.

**Sept. 4:**
M46 (46 Vassar St. #5261), 9:06 a.m., Larceny of iPod from office on Sept. 3.

**Sept. 6:**
Ambrose Alley and Endicott St., 2:45 a.m., Steven Perry of 16 Romney St., Dorchester, Mass. arrested on outstanding warrant, transported to Cambridge Police Department. M14 (160 Memorial Dr.), 7:17 p.m., Attempted larceny of library material.

**Sept. 7:**
MT (77 Mass., Ave. 3:34 p.m., Report taken for breaking and entering at the library on Sept. 5.

**Sept. 8:**
W89 (291 Vassar St.), 19:23 a.m., Report taken for credit card fraud on Sept. 2.
MT (77 Mass., Ave. 5:19 p.m., Report taken from larceny of bicycle from rack at Walker on Sept. 6.
SK (400 Commonwealth Ave.), 9:45 p.m., Report taken for Sept. 1 assault and battery between two housemates.

**Sept. 9:**
W35, 7:42 a.m., Report of stolen construction material on Sept. 5.

**Sept. 10:**
E51 (70 Memorial Dr.), 12:41 p.m., Larceny of bicycle.

**Sept. 11:**
Unknown location, 5:24 p.m., Open investigation of a possible sexual assault.

**Sept. 12:**
E2 (70 Amherst St.), 8:05 p.m., Larceny of bicycle.

**Sept. 13:**
W3 (350 Memorial Dr.), 1:31 a.m., Larceny of laptop computer.

**Sept. 14:**
W31 (120 Mass. Ave.), 6:48 p.m., Larceny of cell phone from unlocked locker.

**Sept. 15:**
OKE (403 Memorial Dr.), 3:02 a.m., Larceny of laptop computer.

**Sept. 16:**
M46 (46 Vassar St.), 7:18 p.m., Reporting person following robbery suspect from the Kendall T stop. Suspect was arrested by transit police.

**Sept. 17:**
M4 (182 Rear Memorial Dr.), 2:26 p.m., M4 (182 Rear Memorial Dr.), 2:26 p.m., Larceny of bug containing swimming equipment.

**Sept. 18:**
M5 (125 Mass. Ave.), 6:50 p.m., Reporting person in station to report larceny of laptop from office area on Sept. 18.

**Sept. 19:**
MT (77 Mass., Ave. 1:19 p.m., Larceny of credit card.
E51 (70 Memorial Dr.), Larceny of bicycle from rack on Sept. 18.

**Sept. 20:**
W4 (550 Memorial Dr.), 1:42 p.m., Larceny of iPod on work paper on Sept. 17.
OKE (403 Memorial Dr.), 6:20 p.m., Breaking and entering, laptop stolen.

**Sept. 21:**
NW86 (70 Pacific St.), 11:41 a.m., Credit card fraud on Sept. 13.
407 Memorial Dr., 12:19 p.m., Breaking and entering, larceny of several electronic items on Sept. 13.
407 Memorial Dr., 12:57 p.m., Larceny of backpack.
W4 (320 Memorial Dr.), 9:25 p.m., Report of fraud on eBay on Sept. 12; scammed out of $1,600 and a computer.

**Sept. 22:**
W3 (350 Memorial Dr.), 6:48 p.m., Larceny of cell phone from unlocked locker.
OKE (403 Memorial Dr.), 3:02 a.m., Larceny of laptop computer.

**Sept. 23:**
NW86 (70 Pacific St.), 11:41 a.m., Credit card fraud on Sept. 13.
407 Memorial Dr., 12:19 p.m., Breaking and entering, laptop and backpack stolen.
407 Memorial Dr., 12:57 p.m., Larceny of backpack.
W4 (320 Memorial Dr.), 9:25 p.m., Report of fraud on eBay on Sept. 12; scammed out of $1,600 and a computer.

**Sept. 24:**
M16 (21 Rear Ames St.), 12:23 p.m., Larceny of laptop computer left in a classroom at an off-campus location on Sept. 22.
M3 (125 Mass. Ave.), 3:55 p.m., Larceny of wireless keyboard from office.

**Sept. 25:**
NW82 (310 Mass. Ave.), 7:26 a.m., Breaking and entering, larceny of uniform.

**Sept. 26:**

**Sept. 27:**
PBE (400 Memorial Dr.), 12:07 p.m., Breaking and entering, larceny of laptop.
TXI (64 Baystate Road), 7:12 p.m., Breaking and entering, iPod and walkie-talkies stolen on Sept. 25.
W32 (291 Vassar St.), 12:34 p.m., Larceny of backpack from Z-Center cubby hole on Sept. 27.

**Sept. 28:**
W89 (291 Vassar St.), 3:48 p.m., Larceny of iPod that was left behind in a SafeRide van on Sept. 7.

**Sept. 29:**
M50 (142 Memorial Dr.), 10:42 a.m., Larceny of bicycle on Sept. 29.
E40 (1 Amherst St.), 11:25 a.m., Paper shredder stolen over the weekend.
W31 (120 Mass. Ave.), 11:46 a.m., Larceny of wallet on Sept. 29.
407 Memorial Dr., 12:41 p.m., Breaking and entering, report of suspicious person in a student’s room on Sept. 25.
407 Memorial Dr., 1:37 p.m., Breaking and entering, report of stolen laptop.

**Sept. 30:**
M50 (142 Memorial Dr.), 10:42 a.m., Larceny of bicycle on Sept. 29.
W85 (540 Memorial Dr.), 5:07 a.m., Reporting person reports possible domestic disturbance in the area of the 11th floor. Report taken, numerous floors searched; negative findings.

MIT hackers put the NASA logo on McDermott Court, often called “The Dot,” on Oct. 1, exactly 50 years after the National Aeronautics and Space Administration began operations.
Eve Voting, from Page 1

offers many opportunities to have more reliable and arguably more tractable election techniques that can typically be obtained with paper-only electronics. For levels of public and administrative verifiability are offered, which do not require counter parts of the “paper-based vot ing systems.”

The recent systems used outside of nationwide elections that allow voters to verify that their votes were counted accurately, Ansolabehere said he thinks optically scanned systems are “shown superior reliability in tabula tion and it is counter and recorded while systems with no tangible record have “irrecoverable flaws owing to programming mis takes in formatting databases for vote tabulators.”

In a recent research paper, Ted Soller, former MIT professor and founding director of the VTP wrote that in the 2004 U.S. presidential election, “numerous pieces of evi dence suggest that electronic voting machines outperformed all other methods used.”

According to Ansolabehere, the benefits of optical scanning also include ease of formatting ballots and accessibility for blind and non-Eng lish speakers.

Legal and business issues surrounding e-voting

Many experts agree that logistical and legal issues surrounding elec tronic voting are far more challenging than refining the voting technologies themselves.

The real flaw with electronic voting in the United States is not any specific aspect of individual machines being used today, but the business model, said Ansolabehere. “This industry is not conducive to innovation. Equipment is sold to individual counties and tends to be used for two decades. The firms at tempting to grow into this industry have not only those at the forefront of computing technology, and those that have come, such as IBM and Unisys, are now quietly gotten out,” he said.

“We should be very concerned about this problem. It is the security of all voting systems rests primarily with the per sonnel running elections and with the legal system, said Ansolabehere.

Political Science Department Head and Professor Charles H. Stew art III sees political roadblocks in the implementation of electronic voting in elections. “There is an interesting contradic tion among many election reformers,” he said. “On the one hand, they often favor election reforms to make elections more accessible and convenient to more people. These reforms make voting much more complicated, and automation, including electronic machines, can help manage the complexity. However, reformers are also the most skeptical of using electronic tools to manage elections.”

“There is a fair amount of skeptic ism, especially among Democrats and people on the left,” he added. “The more complicated the election, the more automated they want the voting machine to be.” Stewart said.

“The type of election technologies that voters tend to favor are the ones that make it easier for voters who have disabilities, who are expansion impaired. They want technologies that use automation to serve these people’s votes are counted,” he said.

Pereira said that the deployment of electronic voting systems also of ten involves a lot of behaviors that cannot be matched easily with those of traditional paper-based voting, which makes such systems harder to reconcile with the various voting regulations and requires an impor tant voter education step.

“I expect that an important stage for the practical deployment of those systems is in there with elections with lower stakes and risks than govern mental elections. Such electronic voting systems typically offer much more possibilities to modify the voting process and to educate voters, while providing important returns and records that allow improving the usability of the systems and convincing the public of their interest.”

According to Pereira, there is also an important role for systems that allow voting over public electronic networks, such as the Inter net. Such solutions allow people to vote from their home at the time they want without having to wait in long lines, improving the voter’s comfort and reducing the need for setting up large voting infrastructures. However, he said that most re searchers, including himself, think that these systems should not be used in circumstances where voters could be submitted to some forms of coercion, or when vote selling can be a concern.

Benjamin Mako Hill, a PhD cand idate at the Sloan School of Man agement and a Research Fellow at MIT’s Center for Future Civic Media is developing free software, called Selectocracy, that he hopes will increase the popularity of web-based voting for non-governmental groups and organizations. The system sup ports anonymous and voter-verifi able balloting.

“Governments are hesitant to use any technology. If it’s unusual and different, they fear that people might be confused,” he added. “Govern ments are incredibly conservative when it comes to e-voting techn ology.”

“We already have great election technology,” Hill said. “I am interest ed in making technology that people will use more than once every four years, that’s relevant to the way we make decisions everyday.”

Study on Accuracy of SAT Prompts Schools To Accept Other Tests

By Sara Rimer

For the 5,500 college admissions officials and high school guidance counselors who gathered here over the weekend, there were discussions, debates and analyses of things like the ethics of tracking student applicants on Facebook and “Why Good Students Write Bad College Essays” — and how to stop it.

No one had time to crowd, at the event was moved to the ballroom, with more than 1,000 people jockeying for a limited number of seats — a scene that started in ‘standard’ paper-based voting and which did not have counter parts of the “paper-based vot ing systems.”

Mr. Fitzsimmons, who took center stage along with the other members of the commission, to ease the fears of the ardent supporters of the standardized admissions tests, taking pains to say that the SAT had many advantages. But he also affirmed what many of those present had been saying for years: that the SAT and other standard dized admissions tests are “incred ibly imperfect” when it comes to measuring academic ability and how well students will perform in college. He said colleges and universities needed to do much more research into how well the tests predict success at their individual institutions.

Test prep can work, Mr. Fitzsim mons said, but he noted — and the audience applauded — that there was a difference between test prep that consists of studying on your own and $400-an-hour one-on-one tutoring that starts in the seventh grade.

“This is no evidence on what the latter test prep does,” he said. “We know it’s an advantage, but we don’t have enough information.”

There has been longstanding de bate and concern about the impact of standardized testing on socioe conomically disadvantaged students, and the ballotroom erupted in applause when Mr. Fitzsimmons called an end to the use of “cut scores” to deter mine who qualifies for National Merit and other scholarships. The practice means that one student is rewarded while excluding another whose SAT score may be only a single point lower, Mr. Fitzsimmons said.

That single point differential fails to take into account, he said, is the context. The two students may have “lived entirely different lives, had entirely different educational opportuni ties and entirely different access to test prep.”

The audience also applauded Mr. Fitzsimmon’s call for U.S. News & World Report to stop using SAT scores as part of its college rankings.
**Grad Rat Features References to Nobel Laureates, Research**

**Grad Rat,** from Page 1

and the GRC focused more on ab-\* tract concepts that he believed all MIT graduate students would under-\* stand.

“One of the symbols we worked on a lot,” Khushrushahi explained, “was the ‘72 which is found on the left side of the bezel. It represents the 72 Nobel laureates that have passed through MIT.” Khushrushahi also said that the 72 symbol is\* represented as a helix, in reference to\* MIT’s extensive efforts in studying DNA. The 72 symbol also brings to light MIT’s contributions to sustain-\* ability by incorporating the recy-\* cling-symbol-styled arrows at the ends of the numbers. The icon below the 72 symbol represents a greater-\* ness, in order to acknowledge the fact that many more Nobel laure-\* ates will pass through MIT in the fu-\* ture. Lastly, the flames between the\* symbols mirror MIT’s ongoing research in energy efficiency. Other symbols on the bezel in-\* clude the moon, symbolizing late\* nights spent at MIT, a crane, a refer-\* ence to MIT’s numerous ongoing construction projects, and the acro-\* nym HTTP (which most commonly refers to the phrase ‘I hate this fuck-\* ing place!’).

Khushrushahi said that the GRC wanted the Grad Rat to reveal the journey to graduation. They ac-\* complished this by including in the design a path that crosses the bezel which encounters all the symbols on it, including book piles and empty coffee cups. And to continue tradi-\* tion, the bezel shows the MIT bea-\* ver clutching a diploma in its right hand while wearing a Grad Rat on its left. Like the Brass Rat given to undergraduates, the Grad Rat shows the Boston skyline on the sides of the ring as well as an engraving of MIT’s campus map on the inner-\* band.

In new 2008 is a second limited-\* edition alternative ring. Saeed Ardi\* G, an architecture graduate student and member of the GRC, said she \* designed this new ring to appeal to those graduate students who do not like the bulkiness of the tradi-\* tional Grad Rat. Unlike the large, \* square frame of the Grad Rat, the \* new ring is circular and consists of \* four small bands. The first band is \* engraved with “MIT,” and other three \* denote the student’s graduation year, school, and degree received. “What makes this ring unique,” said Ardi, “is the fact that each ring is \* specially constructed for each student.”

Graduate students can order their Grad Rats through next week either online at the Graduate Student Council’s website (http://gsc.mit.edu/ ring/) or in Lobby 10. Rings come in stainless steel, silver, gold, and a silver-gold-plantadium blend. Prices range from $150 to $950, depending \* on style and bezel size. According to \* Khushrushahi, approximately one-\* third of graduate students order the Grad Rat. This year is the second in which a committee has decided to redesign the Ring since a plan to redesign the ring every five years began in 2003. Throughout the past year, the GRC worked directly with Balfour, the jeweler company that is manufactur-\* ing the Grad Rat.

Initial financial and marketing plans began at the end of summer, while design of the ring itself began in December 2007.

At the unveiling event on Wednes-\* day, rows of buffet tables lined the \* floors. The rhythmic drumming of the \* Afro-Brazil band’s drums rocked \* the stage while the ring presentation \* began. Five rings were lotteried off to \* the students in Walker, but before \* names were drawn, an honorary ring \* was given to Tim Beavers living the \* day of the average MIT graduate student was presented.

The idea of presenting rings to \* MIT graduates was first established \* in under Class of 1929 President C. \* Brigham Allen, who formed a com-\* mittee to design the Brass Rat. The \* initial design of the Grad Rat was \* maintained unchanged for 73 years until \* when it was first updated in 2004. A \* new ‘08-09 Graduation Ring Commit-\* tee has already been formed and \* will be headed by Carlos Arida, \* a graduate student in mechanical \* engineering. Following the presentation \* of the new ring design, a video of Tim the Beaver \* provided the presentation of the \* new ring design, a video of Tim the Beaver \* living the day of the average MIT \* graduate student was presented.

**Ig Nobels Celebrate Odd Science With Real Laureates, Gag Prizes**

Ig Nobel, from Page 1

reproduction and finally Lipscomb, 1976 Nobel Laureate in Chemistry, spoke about redundancy. The award show was also inter-\* leaved with a three act opera about \* what’s next? for redundancy.

Winners of the dubious Nobel \* received of a paper certificate and a \* wooden board with a generic label. \* Whenever acceptance speeches went \* over allotted times, a fake girl named \* “Miss Sweetie Poo” would run \* to the microphone and proclaim \* “Please stop, I’m bored.”

By the end of the ceremony, the \* winners were filled with the warm \* of all the winners. The winners of the \* awards also got to shake the hands \* of Lipscomb, an actual Nobel Lau-\* reate.

With the closing remarks, Abru-\* hams stated, in tradition, “If you \* didn’t win a prize — and espe-\* cially if you did — better luck next \* year!”

Kees Moelker, Dan Meyer, \* Francis Peismore, and this editor, \* Peter, all former Ig Nobel Prize re\* cipients were present.

This year’s winners of the award include:

Massimiliano Zampini (Univer-\* sity of Trento, Italy) and Charles \* Spencer (Oxford University) for their \* research titled “The Role of Auditory Cues in Modulating the Precedence Crisscross — and the Proper-\* ness of Potato Chips.” This allowed them to change the crossed sound to make it seem like the chip was \* crisper than it really was. a

* The Peace Prize to \* the Swiss Federal Ethics Commit-\* te (Human-Biotechnology) for their recognition of dignity for plants. The award was accepted by Urs Zellweger, a committee mem-\* ber.

Antonello G. Mello Aranjo-and José \* Carlos Marcelino (Universidade de \* Sao Paulo, Brazil) were given the \* Archaeology Prize for their study of \* how Armadillos can “scramble” \* up an archeological dig site.

The Biology Prize went to Ma-\* rie-Cristine Cadergueres, Christel \* Jundt, and Michel Franço (Ecole \* Nationale Veterinaire de Toulouse) \* for observing that “Bees on dogs jump \* higher than Bees on cats.”

Dan Ariely (Duke) took the award in Medicine for showing that \* “high-priced fake medicine is more \* effective than low-priced fake medi-\* cine.”

Toshiyuki Nakagaki, Ryo Ko-\* hayashi, Aaihoro T etro travelled from \* Japan to receive the prize in Cogni-\* tive Science for showing that “slime \* molds can solve puzzles.”

Geoffrey Miller and Brent Jor-\* dan took the prize in Economics for \* showing that “lap dancer’s ovulatory \* cycle affects tip earnings.”

Dorais Raymer, physics, proving \* mathematically that heaps of string \* or hair or almost anything else will \* inevitably tangle themselves up in \* knots.

Deborah Anderson, Joseph Hill, \* C.Y. Hong’s daughter Wan Hong (chemisty) Conflicting studies on \* Coca-Cola being a spermicide. \* The Peace Prize went to Marie-\* Christine Cadergueres, Christel \* Jundt, and Michel Franço (Ecole \* Nationale Veterinaire de Toulouse) \* for showing that “Fleas on dogs jump \* higher than Beas on cats.”

Dan Ariely (Duke) took the award in Medicine for showing that \* “high-priced fake medicine is more \* effective than low-priced fake medi-\* cine.”

Toshiyuki Nakagaki, Ryo Ko-\* hayashi, Aaihoro T etro travelled from \* Japan to receive the prize in Cogni-\* tive Science for showing that “slime \* molds can solve puzzles.”

Geoffrey Miller and Brent Jor-\* dan took the prize in Economics for \* showing that “lap dancer’s ovulatory \* cycle affects tip earnings.”

Dorais Raymer, physics, proving \* mathematically that heaps of string \* or hair or almost anything else will \* inevitably tangle themselves up in \* knots.

Deborah Anderson, Joseph Hill, \* C.Y. Hong’s daughter Wan Hong (chemisty) Conflicting studies on \* Coca-Cola being a spermicide. \*
Many Colleges Wake Up to the Problems of Sleep Deprivation

By Tracy Jan

It’s an upright predicament: Cafe-focused college students cramming for exams and writing papers until the crack of dawn, then skipping or sneezing through classes. Sleep deprivation has long been considered a rite of passage, a point of pride, even.

But now, alarmed by recent studies linking lack of sleep to academic performance, college officials are urging students just to go to bed. More than a dozen Massachusetts schools have begun waging campaigns toward promoting sleep, from mud through dorm seminars, posters, and catchy slogans like, “Don’t Get Z’s.”

Wellesley College spreads the message by throwing dorm pajama parties with tea and popcorn. Tufts University passes out sleep masks, ear plugs, and a CD of relaxation tracks. Bentley College holds a weeklong contest called the Biggest Smoother, and gives away memory foam pillows and white noise machines to students who log the most hours of sleep by day. And Massachusetts Institute of Technology enlists the help of far-flung parents, alerting them to watch for warning signs such as e-mails sent at 4 a.m.

For college students, sleep is the invisible badge of honor. “I didn’t sleep. Parentheses aren’t great! Until you point out to them that passing an exam was the equivalent of driving drunk and is detrimental to their reaction time and memory.”

Universities, though they work to cut off their students from this culturally ingrained habit on campus. With 24 hours of online entertainment available, students today are tempted by myriad diversions other than school books. They’re gambling, catching up on their favorite television sitcoms, playing video games, or chatting with virtual friends — then trying to study into the wee hours of the morning.

“It’s like, well, I could do my calculus homework or it sounds like the girls next door doing something fun so I’d just walk over there,” said Kelsey Burton, a freshman at Williams, who said she has been about three hours of sleep a night since starting college this fall. “I don’t want to miss out.”

But to many distractions, Burton often doesn’t start on schoolwork until midnight, when she’s tired and takes it for her even longer to finish. She down coffee and Mountain Dew to make it through classes and cross-country practice.

“It’s a cycle that I’m now kind of stuck in,” said Burton. “And more tired,” she lamented.

College officials say more students seem to be getting stuck on the sleep-deprived track. Scoping on shut-eye has become such a concern that the American College Health Association revamped its annual health survey this fall to include sex questions focused on sleep instead of just drinking and drug use. And Mary Hohan, director of the Baltimore’s National College Health Assessment.

Nearly 40 percent of students said they had felt rested on no more than two days in the previous week, according to the latest data from fall 2007.

“It’s not like I choose to sleep as little as I do,” said Cullen Huyman, a Boston University junior who says he gets five hours of sleep a night and chew gum to stay awake in class.

“There’s just so much going on that sleep is at the bottom of the priorities list. There aren’t enough hours in the day for that to happen.”

Huyman’s attitude, pervasive among her peers, speaks to the fear of the Harvard University’s sleep campaign two years ago before students started coming to campus clinics complaining of head- aches and fatigue, symptoms often related to lack of sleep. BU’s initiative includes seminars, a new website of sleep facts, and a special Facebook site depicting students engaging in healthy habits such as exercise and sleep.

College health directors say they struggle to make students aware of the serious and health academic and academic con- secuences of sleep deprivation without nagging or lecturing — especially when more students are becoming beyond old methods of using energy drinks and caffeine pills to stay awake. The truly desperate have resorted to prescription drugs like Adderall, which is used to treat attention-deficit hyperactivity disorder and boost concentration.

“Sleep is one of those issues we see as much more of a problem than our students do, so it’s a tough one getting our message across,” said David McBride, director of student health services at BU.

Many BU students said they had never heard of the school’s campaign. Some simply stay up late as a matter of course. “I used to have a lot of the last minute but I felt like I produced my best work under pressure,” said Garcia, echoing a common refrain.

“In turn, I would stay up all night, or as late as my body would allow, as long as I could get as much sleep as possible as I could.”
Merrill Lynch, PepsiCo, Goldman Sachs and Google are recruiting MIT students with disabilities.

- undergraduate, graduate and doctorate opportunities
- internships and full-time positions in accounting, compliance, computer design, finance, global markets, human resources, investment banking, investment management, marketing, operations, research, sales/business development, securities, strategy, supply chain, technology, wealth management and more

Don’t miss this opportunity to learn more about what your future can hold, and network in a more intimate setting with business lines, recruiters and Lime. You’ll also hear first-hand from others who have been in your place and realized success.

For more info, and to RSVP: www.limeconnect.com/upcoming-events.html

By Sam Dillon

Universities’ Access

Credit Crunch Limits Universities’ Access To Short-Term Funds

By Sam Dillon and Katie Zizima

The New York Times

In a more ominous warning about how the credit crisis could disrupt American higher education, Wachovia Bank has halted the access of nearly 1,000 colleges to $9.3 billion the bank has held for them in a short-term investment fund, raising worries on some campuses about meeting immediate and other obligations.

Wachovia, the North Carolina bank, said this week to several of its banking officers. The bank has typically held the money in its role as trustee for a fund used by colleges and managed by a Connecticut nonprofit, Commonfund.

On Monday, Wachovia announced that it would resign as trustee of the fund, and would limit access to the fund to 10 percent of the college’s account value. On Tuesday, Commonfund said that it expected the news to send waves through higher education, sending hundreds of college presidents rushing to check their financial vulnerability on every front.

Some smaller colleges that had not previously arranged lines of credit were feverishly seeking to negotiate those on Wednesday. And some large institutions said they were at least a little worried, at the least, a major financial inconvenience as a result of Wachovia’s action.

The University of Vermont, for instance, said that about half of its liquid operating assets — $79 million — were invested in the fund.

“Wachovia’s action was perhaps the first tangible signal yet that the credit crisis could have a powerful impact on higher education. Another sign came on Tuesday as Boston College, saying it needed to respond to the financial crisis with cautionary steps, announced an immediate hiring freeze and a moratorium on new construction projects. That decision was unrelated to the action by Wachovia, where Boston College was not an investor.

On Tuesday, officers of Commonfund held a lengthy conference call to provide details of Wachovia’s action to representatives of more than 900 colleges and universities, many of whom were upset, said W. Judson Koss, a spokesman for Commonfund.

“I think the whole issue is liquidity,” Mr. Koss said. “This is a fund that has been in operation for over 35 years, and it has been invested in nothing but Triple-A government and corporate paper, all close-out equities.

“We’ve been going along just fine, but Wachovia had a liquidity concern. They asked, ‘What if there’s a run on the bank and we can’t redeem these securities?’ So they were the ones who pulled the pin on the grenade.”

Colleges had used the fund, formally called the Commonfund Short Term Fund, almost like a checking account, depositing rev- enues including tuition payments with Wachovia daily to finance payrolls, maintenance expenses, small capital projects and other short-term needs, college officials said.

Nearly 90 percent of the securities in the fund are scheduled to mature in the next year. When the remaining funds would become available was unclear. The fund said it was seeking a trustee to take over the funds.

To date, none of the securities has defaulted, and all were continuing to pay timely principal and interest, the statement said.

But for the time being, some institutions that have relied on the fund were scrambling to secure money for operating expenses. Augustburg College in Nepawela is one of more than a dozen Minnesota colleges with investments in the fund. Augustburg was fortunate, its president, Paul C. Pribbenow, said, because its holdings were just $13,392.

“‘But this certainly raises the specter that we can no longer take anything for granted,” Dr. Pribbenow said. “It shows just how vigilant we need to become about every financial relation we have.”

The University of Akron had $500,000 invested in the fund, a small part of the university’s total portfolio of operating funds, which typically range from $100 million to $150 million in a semester, said John Case, the university’s chief financial officer. Shortly before Wachovia’s announcement, the university withdrew $80,000, but has since been unable to withdraw any of its remaining money, Mr. Case said.

Matthew Hamill, senior vice president of the National Association of College and University Business Officers, said, “This is a pretty significant event, in the short run, because it’s going to cause dislocation and uncertainty.” Mr. Hamill added: “My estimate is that in the long run, investors will wind up with their money back. But they don’t have access to cash in the short run, so it’s going to cause significant financial and operational problems.”

Molly Broad, president of the American Council on Education, which represents 1,600 colleges and universities, said: “A widespread credit crisis will affect a large number of our institutions very quickly. Those folks who’ve been saying that the economy could be scared by a liquidity crisis, well, it’s unfolding before our eyes, and it’s having an impact on colleges and nonprofits.”

At Boston University, President Robert A. Brown sent an e-mail message to faculty and staff members on Tuesday saying that the university would temporarily freeze hiring, with the exception of public safety employees and those whose hiring process was under way, and that it would postpone all capital projects that had not begun.

Joseph Mercuro, the university’s executive vice president who oversees its budget, called the steps pre-emptive. “We have a lot of economic uncertainties that have to do with the national economy,” Mr. Mercuro said, “and in light of those conditions we’re going to take some prudent steps right now.”

Solution to Crossword

From page 9

For more information on the 2008 Ig Nobel Prize Ceremony and the Ig Informal Lectures including this year’s winners, please visit: http://www.improbable.com/

All Ig Nobel Prize activities are organized by the Annals of Improbable Research. This free event is organized in cooperation with the MIT Press Bookstore.

Merrill Lynch, PepsiCo, Goldman Sachs and Google are recruiting MIT students with disabilities.

- undergraduate, graduate and doctorate opportunities
- internships and full-time positions in accounting, compliance, computer design, finance, global markets, human resources, investment banking, investment management, marketing, operations, research, sales/business development, securities, strategy, supply chain, technology, wealth management and more

Don’t miss this opportunity to learn more about what your future can hold, and network in a more intimate setting with business lines, recruiters and Lime. You’ll also hear first-hand from others who have been in your place and realized success.

For more info, and to RSVP: www.limeconnect.com/upcoming-events.html

The Ig Informal Lectures

Saturday, October 4, 1:00 pm
MIT 10-250, 77 Mass. Ave., Cambridge

Once again, The MIT Press Bookstore is proud to partner with some Improbable friends to bring you a half-hour of improbably funny, informative, high-spirited public lectures, in which the 2008 Ig Nobel Prize winners will attempt to explain what they did, and why they did it.

We’ve confirmed that at least two past winners will be paying us a visit. Kees Moeliker (Ig Biology Prize 2003...yes, the “duck guy”) and Dan Meyer (Ig Medicine Prize 2007...the swordswallafer!) will each discuss their most recent discoveries.

For more information on the 2008 Ig Nobel Prize Ceremony and the Ig Informal Lectures including this year’s winners, please visit: http://www.improbable.com/
Red Sox Facing Los Angeles in Promising Postseason Matchup

Playoffs, from Page 16

even higher payroll, were expected to be contenders but instead finished worst in the AL. — 39-0 games back — and became the first team in his- tory to spend $100 million and still lose a hundred games. Similarly, the Detroit Tigers were expected to con- tend but finished last in the AL Cen- tral. And, of course, the New York Mets, with their absolutely atrocious bullpen, completed another historic collapse and were eliminated on the last day of the season (at home, against the Marlins, for the second straight year).

But that’s enough about the los- ers. Here are the matchups (and analyses) of the Divisional Series matchups (best-of-five):

• Red Sox vs. Angels: This series features arguably the two best teams in baseball right now. Both teams have formidable offenses and start- ing pitching, but Boston is coping with injuries to Josh Beckett, their ace, Mike Lowell, and J.D. Drew. During the regular season, the Ang- els won eight out of nine games against the Red Sox, including a three-game sweep in Boston. In addition, the Angels have demonstrat- ed an ability to win on the road — where they are 50-31 — whereas the Red Sox are 39-42 away from Fenway. Prediction: Angels in 4

• White Sox vs. Rays: The White Sox enter the playoffs having played 17 games in the past 17 days, but they have momentum from their late playoff push. Tampa Bay has Carl Crawford back in the lineup and Evan Longoria healthy again. The Rays have little playoff experience, but they have proved they can win under pressure and have home-field advantage, where they have the best record in the majors. Prediction: Rays in 3.

• Brewers vs. Phillies: There are two reasons Milwaukee is in the playoffs: the Mets’ collapse, and C.C. Sabathia. Since being traded to the Brewers on July 7, he has gone 11-2 with a 1.63 ERA. In that same span, however, the Brewers have a losing record in games he did not start. In addition, Philadelphia swept Milwaukee in a 4-game series last month, outscoring them 26-10 in those games. The Brewers can’t pitch Sabathia every day, and will be over-whelmed by the Phillies’ offensive firepower. Prediction: Phillies in 4

• Dodgers vs. Cubs: Manny Ramirez has been a one-man show for the Dodgers in the past two months, leading the majors in RBIs, batting average, slugging percent- age, and on-base percentage. Chi- cago’s offense, on the other hand, did not rely on a single player but still led the NL in runs, on-base percent- age, and slugging. The Cubs have not been successful in the playoffs in recent years, but they do have home- field advantage, where they are a NL best 55-26. Prediction: Cubs in 3.

Babson Women’s Tennis Falls to MIT, 7-2

Tennis, from Page 16

the singles matches, forcing play to move indoors. Hansen finished her opponent off quickly with a score of 6-0, 6-1. She was soon followed by Diskin who lost a close match.

The points that Diskin played would start well before the those in the neighboring match and last un- til long after they were finished. In the end, Diskin lost with a score of 6-2, 6-1. Next off was Wang, who pulled out a tough match and won in the tie breaker of the second set with a score of 6-2, 7-6(1). MIT was now in the lead over Babson 4-2. McCree then quickly finished off her opponent with a decisive score of 6-2, 6-3.

The next three matches were all extremely close and had to be decided in the third sets. Vishnevetsky won her match with a score of 7-6(3), 2-6, 6-0, finishing strong. Hall finished next, after losing her first set she came back to win her extremely close match 3-6, 7-6(2), 7-5. Next up was Pikhart, who barely lost her first set and came back to take the next two, winning 6-4, 6-2, 6-4. Jenny was the last player on the courts, but she finished the job quickly and decisively with a score of 6-0, 6-2. The end result was MIT 7, Babson 2.

Sports Shorts, from Page 16

in the MIT Department of Athletics, Physical Education and Recreation (DAPER). In addition, she will oversee and coordinate intercollegiate practice and competi- tive scheduling and manage the hosting of special and championship events.

“I am very pleased and excited about the opportu- nity to join the MIT community,” said Bolich. “DAPER is truly a unique department and I look forward to contributing to the Institute’s long-standing tradition of success.”

Bolich has served in the capacity of faculty, staff, coach, administrator and conference commissioner while directing multiple championship events at the Di- vision II and III level.

Prior to her tenure at Regis, Bolich spent five years as the Director of Athletics and Recreation at Dominican University where she administered the daily operations of 14 NCAA Division III programs and directed all as- pects of recreational and intramural programming.

—James Kramer, DAPER Staff

Go International! with EECs + MISTI
OPEN HOUSE
Tuesday, October 7
4 to 6pm
MIT Staite Center (32-G449)
Explore opportunities
Meet returning interns
International Food!

ECES INTERNSHIPS ABROAD with MISTI
mit.edu/misti

Go International with EECs + MISTI OPEN HOUSE Tuesday, October 7 4 to 6pm MIT State Center (32-G449) Explore opportunities Meet returning interns International Food! ECES INTERNSHIPS ABROAD with MISTI mit.edu/misti

Take this job and love it

You’re going to notice something unusual right away. People smile. They feel productive and well-rec- ognized. They go home satisfied. We invite you to pur- sue a career at GE in engineering, finance, manufac- turing, sales and marketing, human resources, or information technology. Get all the benefits of a global leader plus something you won’t find anywhere else: a job you can smile about.

www.gecareers.com

General Electric Resume Drop
GE is coming to campus to interview, and the resume drops are open until October 2 and 3. Submit your resume today!
Well, the Season Is Finally Over. What’s in Store for Next Year?

By David Zhu

The 2008 Major League Baseball (MLB) regular season has finally drawn to a close. This season, which began on April 1, featured 162 games (163 for some) in Japan, has certainly been an un- forgettable one, filled with records, history, and milestones.

Both New York teams — the Yankees and the Mets — played the final games at their current stadiums, while the Washington Nationals christened their new ballpark with a Ryan Zimmerman walk-off home run. History was made as the Oakland A’s career hits, while John Smoltz recorded his 3,000th strikeout. Chipper Jones hit his 400th career home run. Manny Ramirez hit his 500th, and not to be outdone, Ken Griffey, Jr. became only the fifth player in history to reach 600. The All-Star game in Kansas City, provided a spectacle as the Royals played host to the Cubs and the All-Star game in St. Louis. The All-Star game in St. Louis came only the 6th player in history with 2,000 hits. The All-Star game in St. Louis reached 3,000 career home runs. Ichiro reached 3,000 career home runs.

The 2008 Major League Baseball (MLB) regular season has finally drawn to a close. This season, which began on April 1, featured 162 games (163 for some) in Japan, has certainly been an un- forgettable one, filled with records, history, and milestones.

Both New York teams — the Yankees and the Mets — played the final games at their current stadiums, while the Washington Nationals christened their new ballpark with a Ryan Zimmerman walk-off home run. History was made as the Oakland A’s career hits, while John Smoltz recorded his 3,000th strikeout. Chipper Jones hit his 400th career home run. Manny Ramirez hit his 500th, and not to be outdone, Ken Griffey, Jr. became only the fifth player in history to reach 600. The All-Star game in Kansas City, provided a spectacle as the Royals played host to the Cubs and the All-Star game in St. Louis. The All-Star game in St. Louis came only the 6th player in history with 2,000 hits. The All-Star game in St. Louis reached 3,000 career home runs. Ichiro reached 3,000 career home runs.

The 2008 Major League Baseball (MLB) regular season has finally drawn to a close. This season, which began on April 1, featured 162 games (163 for some) in Japan, has certainly been an un- forgettable one, filled with records, history, and milestones.

Both New York teams — the Yankees and the Mets — played the final games at their current stadiums, while the Washington Nationals christened their new ballpark with a Ryan Zimmerman walk-off home run. History was made as the Oakland A’s career hits, while John Smoltz recorded his 3,000th strikeout. Chipper Jones hit his 400th career home run. Manny Ramirez hit his 500th, and not to be outdone, Ken Griffey, Jr. became only the fifth player in history to reach 600. The All-Star game in Kansas City, provided a spectacle as the Royals played host to the Cubs and the All-Star game in St. Louis. The All-Star game in St. Louis came only the 6th player in history with 2,000 hits. The All-Star game in St. Louis reached 3,000 career home runs. Ichiro reached 3,000 career home runs.

The 2008 Major League Baseball (MLB) regular season has finally drawn to a close. This season, which began on April 1, featured 162 games (163 for some) in Japan, has certainly been an un- forgettable one, filled with records, history, and milestones.

Both New York teams — the Yankees and the Mets — played the final games at their current stadiums, while the Washington Nationals christened their new ballpark with a Ryan Zimmerman walk-off home run. History was made as the Oakland A’s career hits, while John Smoltz recorded his 3,000th strikeout. Chipper Jones hit his 400th career home run. Manny Ramirez hit his 500th, and not to be outdone, Ken Griffey, Jr. became only the fifth player in history to reach 600. The All-Star game in Kansas City, provided a spectacle as the Royals played host to the Cubs and the All-Star game in St. Louis. The All-Star game in St. Louis came only the 6th player in history with 2,000 hits. The All-Star game in St. Louis reached 3,000 career home runs. Ichiro reached 3,000 career home runs.

The 2008 Major League Baseball (MLB) regular season has finally drawn to a close. This season, which began on April 1, featured 162 games (163 for some) in Japan, has certainly been an un- forgettable one, filled with records, history, and milestones.

Both New York teams — the Yankees and the Mets — played the final games at their current stadiums, while the Washington Nationals christened their new ballpark with a Ryan Zimmerman walk-off home run. History was made as the Oakland A’s career hits, while John Smoltz recorded his 3,000th strikeout. Chipper Jones hit his 400th career home run. Manny Ramirez hit his 500th, and not to be outdone, Ken Griffey, Jr. became only the fifth player in history to reach 600. The All-Star game in Kansas City, provided a spectacle as the Royals played host to the Cubs and the All-Star game in St. Louis. The All-Star game in St. Louis came only the 6th player in history with 2,000 hits. The All-Star game in St. Louis reached 3,000 career home runs. Ichiro reached 3,000 career home runs.