MIT Endowment Has 3.2 Percent Yield, Even As U.S. Markets Slide

By Emily Prentice

MIT's endowment increased by $88 million, or 3.2 percent, according to figures for fiscal year 2008 released by the Massachusetts Institute of Technology Investment Management Company. The endowment now stands at $10.1 billion as of June 30, 2008.

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Emerging Markets Find They Feel Wall Street’s Pain

By Alexei Barrionuevo
THE NEW YORK TIMES
BAGHDAD, IRAQ

Emerging markets took one of their biggest collective tumbles in a decade Monday as stock markets from Mexico to Indonesia in South America were gored by fears of a meltdown in Europe’s banking system and concern that a global recession may drag down the price of commodities, forcing a steep slowdown in emerging-market growth.

Many of the world’s fastest-growing economies thought they had insulated themselves from the developed world. But economists said that simultaneous turmoil in Europe and the United States would test their potential as a source of strength if the global economy should experience a downturn. In particular, the risk of a global recession is the next big worry for emerging markets.

At the beginning of the global trading day, Asian markets were hit by fears that weakening economies in the United States and Europe would increase the chances of a downturn in Asian exports. The Standard and Poor’s/Asian Stock Exchange 200 Index in Sydney declined 3.3 percent, the Nikkei 225 Index dropped 4 percent in Tokyo, and the Hang Seng in Hong Kong fell 5 percent.

Bush Offers an Implicit Campaign Message: ‘Judges Matter’

By Sheryl Gay Stolberg
THE NEW YORK TIMES
WASHINGTON

When he ran for office in 2000, President Bush vowed to appoint “judges who will interpret the Constitution — not use taxpayer dollars at risk, it underscores the growing sense of urgency felt by policymakers in a climate where lending has virtually dried up.

The plan was being formulated amid cascading losses in global stock markets, as the banking crisis spread across Europe and investors feared dire consequences for the world economy.

The Dow Jones industrial average fell as much as 800 points before a late recovery, finishing down 369.89, below 10,000 points for the first time since 2004.

Even before bank failures on Wall Street reached their desks, European banks were plundering. The Russian stock market dropped 19.1 percent, the biggest decline since the fall of the Soviet Union. Major indexes in London and Frankfurt lost more than 7 percent in stocks in Paris fell by 9 percent. Stocks in Latin America and other emerging economies were the worst collective stumble in a decade.

Volatility reached the highest level in two decades, and oil prices fell below $80 for the first time since February.

“There is a growing recognition that not only has the credit crunch refused to be contained, it continues to spread,” said Yadaren, an investment strategist. “It’s gone truly global. Investors are worried about what the evaporation of credit will do an already-weakened global economy. In the United States, economists appear to be significantly curtailing spending, last month, employers cut more jobs than any month in five years. The 56 decline in oil prices, which settled at $78.11 a barrel, stemmed in part from fears that demand will slacken in the face of a deteriorating economy.

The Fed plan is intended to renew the flow of credit on which the econ- omies depend. Under the plan, the central bank would buy unsecured commercial paper, short-term IOUs issued by banks, businesses and municipalities.

The market for that kind of debt but shuddered in the last week, with many major corporations unable to borrow for longer than a day at a time. The volume of such debt totaled about $1.6 trillion as of Oct. 1, down 11 percent from three weeks earlier.

A healthy world economy relies on the easy flow of such short-term loans among banks, businesses and consum- ers, a stream that has been choked as banks become more fearful of giving out cash.

Those fears persisted over the weekend despite the $700 billion bailout package that Congress approved last week. The cost of borrow- ing from banks and corporations remained high on Monday, increased in part by a series of high-profile bank bailouts in Europe, where govern- ments scrambled to save several major lenders from collapse.

Iraqi Christians Protest Election Law

By Mark Landler
THE NEW YORK TIMES
BAGHDAD

About 75 Christians and others gathered at a church here on Mon- day to demand that the Iraqi parliament ratify a section of an earlier version of the proposed elections law that ensured political represen- tation for Iraq’s minorities.

The provision, which provided council seats for Christians and other minority groups, was dropped before the parliament approved the elections law on Sept. 24.

Premier Nouri al-Maliki’s office said this past week that the law might be a question mark at this point about why our govern- ment is rejecting us,” said Thair al-Sheekh, a priest at Sacred Heart Church in Baghdad, who attended the late afternoon gathering.

The central bank would come closer than ever to lending directly to businesses.

While the move would put more taxpayer dollars at risk, it underscores the growing sense of urgency felt by policymakers in a climate where lending has virtually dried up.

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The Alasos-Moselle region is the great French exception. Having been variously French and German in the last few centuries — annexed, promised, foreclosed, foreclosed — it is today, after World War II — Alasos-Moselle still has a German feel, with rounded edges.

Richard S. Fuld Jr. blamed the new scrutiny on the cash he had borrowed from the secondary market, which continues to thrive. "We cannot stop the scrutiny," he said. He said that Lehman's management had not been able to "OpenHelper" its suppliers, private placements, and other lenders around the world. Lehman's management had not been able to take advantage of established peer relationships, providing a wide variety of subsidies and even religious education in the public schools.

And the state not only helps to finance the construction of places of worship but also approves the appointments of clergy members and even pays their salaries. Before independence, there was a region in this country of 2 million people, and there is considerable debate about whether or not to create a new political entity in it. The question varies from Muslim education in the public schools to the established religions, providing a wide variety of subsidies and even religious education in the public schools.

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For most politicians, especially those facing an election in less than a month, looking good to the public is a top priority. Anyone familiar with the Presidential and Vice Presidential debates knows how elected officials love to boast about their achievements, saving taxpayer money, and most directly, recently directing anodyne dis\r\nrubrics in their speeches — figuratively and literally. Fortun\r\nately for the market, Wall Street has never been all that popular with “Joe Six-Pack.”

Of course, the idea of a “common good” ignores the basic capitalist tenet that serves as the foundation for the financial system — the idea that “money makes the world go round.”

Perhaps these claims are true; however, I’m more inclined to believe that Wall Street did not implode without some reason.

Fundamentally, the subprime mortgage bubble of last year and last month’s liquidity crisis do not exist to address the housing needs of the lower and middle classes, the people who failed this year were among the most reckless deregulation. Instead, they just realize that Wall Street what the HUD had done to Fan and Fred, and it will be di\r\n
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Finally, capitalism is still our best and only hope. It may have allowed Wall Street to make a fortune, or published in any other format or medium now known or later that will be di\r\n
The Pot Calling the Kettle Black

The Underlying Cause of the Crisis Stems from Last Year’s Subprime Mortgage Fi\r\n
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Florence Galvez

The "You" of YouTube is beautiful (who is immune to a bit of attention?), and the "We" of Wikipedia has become a powerful force for sharing the latest laws of progress and development ... but such a self-centered, citizen-powered forum is not the current culture of community love, care, and cooperation that the shared digital spaces of our homes, our offices, and our Internet initiatives claim to foster. The focus and sociality of Facebook, MySpace, and their kin, the somewhat narcissist self-display and self-promotion they facilitate, are not the "me-centered," personalized relationship with the community, or what Manuel Castells, professor of communication and technology at the University of Southern California in Los Angeles, calling professor the MIT "call networked individualism." When, perhaps navigating the plethora of opportunities for participation and cooperation that the Internet and new media technologies present us with, it is important that we actually take the time to know and care about whom we interact with, so that this participation doesn’t end up being exercise in self-promotion, or serving personal leisure purposes with no broader implications.

To cite just a few cases at the top of my head: Many Americans’ inability to place the nation of Georgia on a map (following Katrina) speak volumes about how disconnected and ill-informed we still are as members of what is supposed to be a community of engaged, knowledgeable global citizens. Even a small move towards world literature, “community,” and “multiculturalism” but a quick walk through Central Square is all it takes to reality culture you’re not as much as you do in our imagination.

We seem unable (or unwilling?) to imagine socio-economic conditions different from our own and the constraints and values of the latest cool tools or ideas for making our own high-end technologies.

We should, however, at least make an effort — we might as well acknowledge it. And understand ourselves, in body and mind. “Me” phases come and go in cycles, like trends and fashion styles. Just spread the meme, and the lone lab rat—researcher may be the meaning of current affairs. It’s mind-numbingly easy to be so caught up in this so-called connected planet.

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Maggie Liu

Having attended a boarding school for the last four years, I am altogether too familiar with the "Me" culture that pervades our school that they became isolated from the "real world." This "Me-centric" mentality is still a very real epidemic. It’s mind-numbingly easy to be so caught up in school that one completely loses touch with the world at large. I think this holds true especially at a place like MIT where one’s weeks usually are not counted by dates but deadlines for p-sets.

There’s also an unassuming aversion to doing things like watching or reading about the news because it is too overwhelming. For me, the logic behind what MIT’s Comparative Media Studies Director Henry Jenkins calls in his book Convergence Culture “affection economics” — the close, cooperative relationship between producer and consumer that sustains engagement by making one’s initial enthusiasm for Facebooking and networking on social media models have emerged as they engage in digital media consumption. I cannot help but notice that these inventive collective commercial initiatives often in- tuitively focus on individual consumption, such as when friends in a network chat about the latest music and gadgets and thus seem rooted in a material, individualistic culture.

Which brings us back to my initial point that “Me” still makes up a truly collective culture is partly responsible for all our one-first actions. But I also think that these “You,” “We,” and “Me” phases come and go in cycles, just as examples. Computer-mediated social organization has produced a form and level of public mobilization and activism which are not only impossible any more, but a new ‘era of engaged, knowledgeable global citizens.’

The logic behind what MIT’s Comparative Media Studies Director Henry Jenkins calls in his book Convergence Culture “affection economics” — the close, cooperative relationship between producer and consumer that sustains engagement by making one’s initial enthusiasm for Facebooking and networking on social media models have emerged as they engage in digital media consumption. I cannot help but notice that these inventive collective commercial initiatives often intuitively focus on individual consumption, such as when friends in a network chat about the latest music and gadgets and thus seem rooted in a material, individualistic culture.

One thing is for certain: this is partly an epidemic is still a very real epidemic. It’s mind-numbingly easy to be so caught up in school that one completely loses touch with the world at large. I think this holds true especially at a place like MIT where one’s weeks usually are not counted by dates but deadlines for p-sets.

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How can we help but notice that these inventive collective commercial initiatives often intuitively focus on individual consumption, such as when friends in a network chat about the latest music and gadgets and thus seem rooted in a material, individualistic culture. How does one have to understand and know of some- thing it is in the content of the indi- vidual? This thought strongly disturbs me. It’s mind-numbingly easy to be so caught up in school that one completely loses touch with the world at large. I think this holds true especially at a place like MIT where one’s weeks usually are not counted by dates but deadlines for p-sets.
Sarah Palin — after the Katie Couric interviews, people were likely not to vote for the GOP ticket simply because of her and a majority believed she was too inexperienced for vice president. According to consensuses, the debate was to be Palin’s last stand, a chance to stage a comeback and redeem herself of her gaffs in the most public of arenas. Expectations were low and people were anticipating a train-wreck performance.

Palin and Senator Biden strode onto the stage with the Governor looking simultaneously funny and precious in an all-black power dress suit topped with a bow-tie belt. (And while we’re on fashion, what in the world was moderate Green Jill being with that sun-green fluffy suit?) Before Palin even made it to her podium, she thanked the audience and the moderator one too many times and looked little like a national politician out to win.

As the debate started, Palin wasn’t shaky. She spoke confidently and sternly about deregulation and the economy, but not comfortably. However, as the evening wore on, Palin raced into her stride and turned on the high-voltage charm. Her responses were fluid and easy as she proclaimed that she already knew which candidate was to talk straight to the American people; that portion of the country that resided on a Main Street consisting of hockey moms and “Joe Six-Pack.” This evening turned out to be a proxy fight for the presidential candidates’ stances on the middle class. Old grizzled Senator Joe Biden was afraid to directly attack the pretty, winning lady across the stage and he laid into John McCain’s record as often as he could. Palin deflected easily and worked up her smile when quoting Reagan about the “city on the hill” and “government being the problem.” She tried to connect with the audience through her experiences as a busy mom and succeeded.

Palin spent the night straddling the edge between being too folksy and being too cute. During the first half hour, it worked. I couldn’t concentrate when Palin barely contained a snicker during Biden’s response after he flubbed Obama’s name for McCain. Only when the camera finally cut away from both candidates could I stop wondering what was going on in her head.

Afterwards, Palin was sun-fooled and in her element when talking about Alaska and energy policy. You could tell by the casual head-waving near-wink she gave to the camera, letting the nation know that “I’ve got this.” It was only after her second actual wink and remarking about “Wasilla, Main Street” did the audience in the bar let off a groan. (The line also prompted someone to call out “Bingo” as they opened the drinking game “Palin Bingo.”) Palin may have slightly overplayed her informality and congeniality but she flubbed less often than Biden and exceeded the low expectations of her critics. While we’re on fashion, what in the world was going on in her head.

The country already viewed Alaskans as distancing their state with oil pipelines and over-fishing. In their opinion, calling a public works project “The Bridge to Nowhere” was an insult to a state whose capital was land-locked and required a flight or a boat ride to get to. As the shipping guy said, “There’s a huge divide between rural America and urban America.” And with that, Palin was gone. It’s no wonder then that Sarah Palin smiled her way through the debate. She succeeded in connecting with that portion of rural americans that MIT students just don’t see in Cambridge or Boston. And by that measure, Palin had won over Alaska.

Gary Shu is a graduate student in the Engineering Systems Division.

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Dispatches From Alaska
Watching the VP Debate From Palin’s Home State

Sarah Palin: An Exercise in Mediocrity

Dan Yelin

News coverage leading up to Thursday’s Vice Presidential debate had us all believing Alaska Governor Sarah Palin would be a force to be reckoned with and knowledge necessary to run for national office. She proved us right. Palin did an impressive job at not doing much of anything, except being able to repeat talking points.

I come from a home full of school teachers. My grandmother, who was in the audience today, he’s a schoolteacher, had been for many years. My mother, who I think is our best schoolteacher in the year, and here’s a shout-out to all those third graders at Gladys Wood Elementary School. You get extra credit for watching the debate. Self-pity is the greatest sin. America has been in some sense in some of our states just accepted for a little bit of a loss and we have got to increase the standards.

“No Child Left Behind was implemented. It’s been done.” I don’t think it’s ever been done. We need flexibility in No Child Left Behind. We need to put more of an emphasis on the proliferation of teaching. We need to make sure that education in either one of our agendas, I think, absolute top of the line.

“We kids as public school participants right now, it’s near and dear to my heart. I’m very, very concerned about what we have with education and we have got to ramp it up and put more attention in that arena.”

Moderator: “Everybody gets extra credit tonight, so what exactly did you say?” First, she unambiguously said Biden to “say it ain’t so” because he kept using McCain’s track record in the Senate against her. Second, she gave a compliment (†) to Joe Biden’s wife. Third, she said the teachers need to focus on that. She was winking her way through the debate as she attempted to prove that she was just like an average American. Truth be told, I don’t want an average American to be one heartbeat away from the presidency of the United States. I want a competent leader with depth and breadth of knowledge on the issues. Joe Biden put out a cool, commanding performance, giving reasonable and informed answers to the questions he was asked. Palin gets it.

Dan Yelin is a junior in the Department of Political Science.
The songs from Tetris get old fast. I used to listen nearly as much. But I have to tell you, they doesn’t appeal to me the way “Chopin this” and “Rachmaninoff that,” Liszt is my favorite composer. Everyone’s musical preferences, which tend to skip merrily broken light fixtures or ankles). Cardiovascular health (in spite of the risk of they’re just in an achy-breaky mood in general. Pressed to find anyone who doesn’t like music, you’d probably be hard-pressed to find anyone who doesn’t like music. If some people enjoy country music because they really like hearing songs about women wreaking feminine vengeance on their feckless significant others (with the collateral damage being a poor, innocent 4x4), or because they’re just in an achy-breaky mood in general. Others like music can swing glowsticks to or hop on arrows to, which is great for their cardiovascular health (in spite of the risk of broken light fixtures or ankles). As you might expect, I have my own musical preferences, which tend to skip merely across the spectrum landing where they may. I don’t really listen to classical, as it makes me drowsy, but I will gladly tell you that Franz Liszt is my favorite composer. Everyone’s always “Chopin this” and “Rachmaninoff that,” but I have to tell you, they don’t appeal to me nearly as much.

I like certain songs that fall under video game music, although this does not extend to the entirety of the Brawl soundtrack, because the songs from Tetris get old fast. I used to listen ten almost entirely to music made before 1980, in no small part influenced by rummaging through my parents’ CD collection because I wanted to spend my money on Pokemon cards instead of CDs. As time went on, my preferences shifted slightly to include early Michael Jackson and some of the best 80s soundtracks of all time. No points for guessing which Kenny Loggins song I like best, although it’s probably not the first one you’d think of. Then I played the first Guitar Hero. The first thing I did was listen to “Sharp-Dressed Man” and “I Love Rock and Roll” repeatedly online, and the second thing I did was to wonder why on earth nobody had ever mentioned the greatness of the guitar solo. I mean, I’d already graduated from the Oldies School of Air Guitar, but I had no inkling whatsoever that the Master’s program even existed. I fixed that problem fairly quickly with an interest in Poison and Bon Jovi on top of Orleans and The Eagles. Oh, and ob- viously the King of the Weird Al Yankovic parodies thereof.

In a phenomenon that I seriously doubt is limited to me, almost every major rock-based rhythm game of the past several years has influenced the collection on my mp3 player in some way or another, simply because I have a weak spot for electric guitar. Mind you, I still have tastes in music that I consider strange but probably aren’t — ask the average person on the street, and chances are high that they’ll tell you that their taste is “eclectic,” meaning that it dabbles in just about everything. It’s been my experience that people generally don’t like to pigeonhole themselves nearly as much as they do others, and if you’re in a college environment where horizons get the living daylights broadened out of them, you’ve probably sampled new flavors of music whether you wanted to or not. Thankfully enough, the music-blaring residents of Bexley tend to ally hunting down any interesting songs I hear at dances or on television. Putting together a music collection this way tends to make for a pretty nice collection, but then, I’ve always been the kind to listen to music based on the merit of the song rather than the artist. I love the guitar solo in “Free Bird,” but having been raised in New Jersey, I don’t think I iden- tify strongly enough as a Southerner to buy a Lynyrd Skynyrd album.

As far as music is concerned, I’m more than happy to listen to what I have, occasionally hunting down any interesting songs I hear at dances or on television. Putting together a music collection this way tends to make for a pretty nice collection, but then, I’ve always been the kind to listen to music based on the merit of the song rather than the artist. I love the guitar solo in “Free Bird,” but having been raised in New Jersey, I don’t think I identify strongly enough as a Southerner to buy a Lynyrd Skynyrd album. Now, if you’ll excuse me, I need to go see if I can hunt down the soundtrack to the motion picture *Hook* — because nothing reduces stress like pretending you can fly, and watching Nike’s Brett sail off a motorcycle at high speeds in Grand Theft Auto IV just isn’t the same.
Steal My Comic

by Michael Ciuffo

...YEAH, AND WHO DOES HE CALCULATE HE IS? SO I SAY-

WHAT THE HELL?

WAS THAT... AN ORANGE?

Blobbles

by Jason Chan

Wanna be cool?

Send me a caption! blobbles@tech.mit.edu and I'll draw a comic to go along with it!

---

Doonesbury

BY GARRY TRUDEAU

Dilbert®

by Scott Adams

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 14.

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

by Ben Peters

October 7, 2008

Crossword Puzzle

Solution: p. 14

ACROSS
1 Alone
2 Also
3 Coll. sports grp.
4 Mini-racer
5 Bene
6 Hasty retreat
7 Cause friction
8 Composer of “The Nubians of Plutonia”
9 Traditional stories
10 Part of U.A.E.
11 Short section of track
12 Evening party
13 Battery terminals
14 Actor Morales
15 Godfather
16 Heavenly hunter
17 Wernher von Braun?
18 Actor Morales
19 Brit’s wireless
20 Quick/flash connection
21 Cageless Canary?
22 Pool spin
23 Shoshone
24 Weakly colored: pref.
25 Poisel
26 __ Park, NJ
27 Born in France
28 When scores are served
29 Group in “The Godfather”
30 Sacred River of India
31 Check fig.
32 Japanese drama
33 Part of a wd.
34 San __, CA
35 Check fig.
36 Water pitchers
37 Pilot’s request?
38 Bossy’s bellow
39 Coastal eagle
40 Track gathering
41 To be, in Tours
42 Ripken’s team
43 UFO pilots
44 Mini-racer
45 Geisha garb
46 Hasty retreat
47 Brandy’s sitcom
48 Card poets
49 Puppy bark
50 Posted
51 Lennon’s beloved
52 Give guff to
53 Hanging open
54 Cut sheep
55 Diner
56 Elevens, not ones, in blackjack?
57 Elide
58 That woman’s
59 City near Essen
60 Smooth cotton thread
61 British flyer?
62 Check fig.
63 Santa __ winds
64 And also not
65 Superlative suffix

DOWN
1 Camera letters
2 Ripken’s team
3 Coll. sports grp.
4 Mini-racer
5 Bene
6 Hasty retreat
7 Cause friction
8 Composer of “The Nubians of Plutonia”
9 Traditional stories
10 Part of U.A.E.
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37 Pilot’s request?
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41 To be, in Tours
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43 UFO pilots
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46 Hasty retreat
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48 Card poets
49 Puppy bark
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51 Lennon’s beloved
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55 Diner
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58 That woman’s
59 City near Essen
60 Smooth cotton thread
61 British flyer?
62 Check fig.
63 Santa __ winds
64 And also not
65 Superlative suffix

Theory of Pete

by Cai GoGwilt

ACROSS
1 Alone
5 Acronym before the World Series
9 African fever
14 Unhinged
15 Honolulu’s Island
16 Heavenly Hunter
17 Werner von Braun?
19 Brit’s Wireless
20 Quick/flash connection
21 Cageless Canary
23 UHF word
26 Have in mind
27 Born in France
28 When scones are served
30 Sacred River of India
33 Part of E.U.
34 San __, CA
37 Pilot’s request?

DOWN
1 Camera letters
2 Ripken’s team
44 Old pol. unit
45 Furry Marsupials
46 Carve
47 Brandy’s sitcom
48 Card poets
49 Puppy bark
50 Posted
51 Lennon’s beloved
52 Give guff to
53 Hanging open
54 Cut sheep
55 Diner
56 Elevens, not ones, in blackjack?
57 Elide
58 That woman’s
59 City near Essen
60 Smooth cotton thread
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Solution: p. 14
The Sigma Kappa sorority presented their “I Love the 90s” themed Late Night event on Saturday evening in the Kresge theater. Proceeds from the event went towards Alzheimer’s Disease research.

(Clockwise from top-left)
Zeta Psi brothers Manuel Cabral ’12 (top) and Conor R. O’Rourke ’11 perform a flip.
Xudan Liu ’10 and Ainsley K. Braun ’10, both of Pi Beta Phi, performed as the dolls Ken and Barbie.

(From left) David A. Croom ’09, Kamo Jum ’10, Jason A. Scott ’10, Ayaboe K. Edoh ’10, and Tarikh C. Campbell ’09 perform as the dance crew Back Bay Boys.

Daniel Chen ’11 and Tiffany W. Guo ’09 perform as Aladdin and Jasmine in the IFC/Panhel act. This act won the crowd favorite award after a vote by the audience at the end of the show.

Photography by William Yee
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sin(x) = ?
\frac{1}{2}a t^2 + v t + x_0 = ?
limit_{n \to \infty} \int_0^n d t = ?
```

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Biogen Idec Leaving Cambridge; Suburbs Feature Lower Costs

By Todd Wallack

Biogen Idec Inc., one of Massachusetts’ largest biotechnology companies, is considering moving its corporate headquarters from Cambridge to Weston, which would add it to a growing list of Cambridge biotech firms that have jumped to the suburbs because of lower rents and more options for office space.

“It’s sort of the natural evolution of these things,” said Biogen Idec chief executive Jim Mullen. “The cost of running a business in Cambridge is pretty high.”

Mullen said it makes sense to move corporate jobs to the suburbs, wherever rents are half as much as in Cambridge and workers would have an easier commute from Worcester, southern New Hampshire, and other areas where housing costs are lower.

“It’s an employee attraction,” he said. “If you want to live in the city, you still can.”

But Mullen added that it is vital to keep Biogen Idec’s research operations in Kendall Square, near the Massachusetts Institute of Technology, to make it easier to retain and recruit scientists. It also plans to keep a small drug manufacturing plant in Cambridge.

In the past a year, more than a half dozen Cambridge biotech firms have moved to the suburbs. Amag Pharmaceuticals Inc. moved to Lexington last month. Altus Pharmaceuticals Inc. plans to move to Waltham later this month. And earlier this year, Shire Human Genetic Therapies said it will build a headquarters and manufacturing plant in Lexington.

Mullen said Biogen Idec is in “reasonably well advanced” negotiations to lease a 350,000-square-foot building scheduled to be built on Route 128 and 20 interchange in Weston. The company is also considering other options, such as expanding in Cambridge or moving to an alternate site in Waltham. But for now, Mullen said, “The Weston site looks like it is the best fit for what we are doing.” The company plans to make a final decision by the end of the year.

Biogen Idec has 1,600 employees in Cambridge and another 200 in Waltham. If the company goes forward with the Weston site, Mullen said, it would likely shift a few hundred corporate jobs from Cambridge and Waltham to the new offices. The new site would also provide space for new employees.

But the move probably wouldn’t take place for about two years. “There’s nothing there,” Mullen said of the Weston location. Boston Properties Inc., which owns the site, declined to comment. But Susan Haber, Weston’s town planner, said the company has secured the necessary permits to build.

Another prominent Cambridge biotech, Vertex Pharmaceuticals Inc., has been considering moving its corporate headquarters to a new building in Boston’s growing Fan Pier neighborhood as the company outgrows its campus in Cambridgeport. Joshua Boger, Vertex chief executive, said the company plans to make a decision about where to expand by the end of the year.

While Cambridge and Boston remain desirable for companies, companies often have more options if they are willing to move farther out. Commercial real estate firm Colliers, Meredith & Grew estimated that as of the third quarter, there was a 17.8 percent vacancy rate in the suburbs, compared to 12.2 percent for Cambridge and 9.3 percent in Boston. Rents averaged around $24 per square foot for most office space in the suburbs, compared with $43 in Cambridge and $51 in Boston.
Reid Served as Dean, Advisor to Minority Student Organization

Reid, from Page 1

playing a role in interaction in the classroom,” he said. “It can have the power from influencing how professors structure class and who they hire as TAs (teaching assistants) to what examples they give in class. Like President [Susan] Hockfield has said, professors need to internalize and institutionalize the belief that diversity makes everyone better,” said Reid. During his tenure at MIT, Reid also served as Acting Director of Undergraduate Education, Assistant to the Chancellor for Diversity, and advisor to the MIT chapter of the National Society of Black Engineers, and to the Chocolate City Living Group. Reid also led the freshman advising seminar, “Race, Identity, and Achievement.”

“In every aspect, he will be missed. Karl … ingrained his name into the success of many of the minority student groups on campus,” said Jarrell Johnson ’09.

from Page 1

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What is a locker?

Lockers organize files and software on Athena, and allow you to quickly run programs without needing to know exactly where they are located.

How do I use a locker?

The most common way to use a locker is through the add-outland command. This will attach the locker — make it available through /mit/lockers/ — and add the locker to your path. For example, to run the mplayer program in the outland locker, type:

```
athenak add outland athenak mplayer
```

You can put a line in a text file called .enviro in your home directory to add lockers automatically whenever you log in. Programs such as pico (terminal-based) and gedit (GUI) allow you to edit text files. For example, you may add a line such as:

```
add 6001 spib outland matlab
```

The second way to use a locker is the attach command. This will make a locker accessible at /mit/lockers/lockers Addison, but will not add the locker to your path.

The Tech

Page 13

THE TECH

October 7, 2008

Sharon M. Bridburg, Director of Human Resources in the Office of the Dean for Undergraduate Education, says that MIT plans to launch a national search for a new Director of the OME. The search committee, led by Professor Robert P. Redwine of the Department of Physics, will include faculty and staff members, as well as student and alumni representatives, who will be aided by consultants from headhunting firm Isaacson, Miller.

J. Miller Johnson, one of the student representatives on the search committee, “hopes that Reid’s improvements and community impact will be maintained. "The dedication to positively establishing a connection with faculty and staff for incoming freshmen through the Interphase Program and allowing student groups to have a strong voice in the inner workings of the Office of Minority Education are two of the primary aspects of the Dean role that I would like to continue to see," said Johnson. “I hope the new Dean will be able to continue to lead a positive projection of the OME programming,” he added.

Julie B. Norman, Director of the Office of Undergraduate Advising and Academic Programming, noted that Reid "serve as the interim director of the OME during the search for Reid’s replacement.”

Members of the service fraternity Alpha Phi Omega paint a bench on the bank of the Charles River as part of the Smoot 50th Anniversary Celebration on Saturday afternoon.

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Energy Debate, from Page 1

Although McCain strongly supports local decision making in re-
gards to energy policy manifesta-
tions, Woolsey noted that McCain is opposing his own platform with
detailed proposal for the federal
government to manage the con-
struction of forty-five nuclear power
plants.

While both representatives agreed that the country’s dependence on for-
eign oil poses security risks, Grumet said that the industry must be urged to
switch to breakthrough fuels by
forcing fuel economy standards to
increase by about one mile per gal-
on a year.

Woosley agreed that oil alternativa-
tives such as biofuels are the future,
but argued that oil will still be rel-
ant in the near future — along
with all the political and economic
issues attached. He promoted Mc-
Cain’s offshore drilling policy, which he said would help
take money out of the pockets of oil
dicators.

Grumet said Obama has other plans for reducing energy depen-
dence, including the production of 60 million gallons of advanced bio-
fuels and commitments to increasing
efficiency, such as maintaining optim-
ized tire pressures.

Other topics that dominated the
debate included the various technolo-
gies that could be transitioned into.

The electricity grid came up as an
area requiring immediate improve-
ment. “We have a dumb grid. We
have a grid that does not tap the pow-
er of the sunny and windy cities of
the country,” said Grumet. Instead of
a power grid that uses new electricity
technologies, the current system has
numerous security vulnerabilities
and lacks in protection against iso-
lated incidents of power outages that
can disable the grid over large areas,
such as the August 14th, 2003 East
Coast blackout.

“We have to make the grid far
more resilient. We have a lot to do
and the grid is a key part of that,”
said Woosley. Grumet mentioned
that Obama would invest in the Smart
Grid, a novel system that signifi-
cantly improves the security against ter-
norist attacks and would facilitate the
solar and wind-based production of
electricity.

While the presidential candi-
dates support the implementation of a national cap and trade program
that limits pollution by forcing com-
panies to pay for exceeding the cap
and rewarding companies that stay
under, Grumet also said, “We have
to pull technologies forward with
neutral performance standards and
support regulations with significant
incentives” that will encourage new
energy industries to flourish.

According to Grumet, Obama be-
lieves that new technology will never
triumph unless all subsidies are re-
tracted and the resources are divert-
ed toward backing new technology.

Following a less drastic approach,
Woosley said, “McCain supports re-
ducing subsidies for fossil-fuel-based
technology.”

The economic crisis became in-
tertwined with the energy debate as well. Grumet believes that new
energy technologies will “form the
backbone for economic recovery.”
Obama’s $15 billion investment will
provide more jobs and serve as a stimulus for an economic comeback.

Woosley explained that “Drill, Baby,
Drill” endeavor will reduce the coun-
try’s financial dependence and has
the potential to increase jobs.

Although crises for reducing en-
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over the years, the country’s depen-
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Despite promises of energy in-
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pendent. A successful president will
bend those curves, and at the end of
the Obama presidency we will be us-
ing less oil than before and be cre-
ating less carbon than before,” said
Grumet.

Investment in Energy Research
Should Bring More Jobs to U.S.

MITIMCo’s President
Came From Yale’s Own
Investment Company

Endowment, from Page 1

that serves to oversee and manage
the foundation’s investment of its en-
dowment, the sixth largest univer-
sity endowment in the nation, after
Harvard, Yale, Stanford, and Princ-
eton Universities and the University
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endowment.

MITIMCo also manages MIT’s
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The Goldwater Program provides scholarships of up to $7500 per academic year. Goldwater Scholarship recipients will be eligible for two years of scholarship support. Junior scholarship recipients will be eligible for one year of scholarship support.

Nominations must be from YOUR DEPARTMENT and are due at The School of Engineering, Dean’s Office, 1-206, by November 24, 2008.

For further information, contact your Undergraduate Officer, http://www.act.org/goldwater/ or http://web.mit.edu/engineering/goldwater.html
School of Engineering contact: Maria Marangiello (x3-8012, mariam@mit.edu)
School of Science contact: Brooke Pilawa-Podgurski (x3-5090, brookep@mit.edu)

MIT Faculty Representative: Professor Cynthia Barnhart
Associate Dean for Academic Affairs, School of Science

Bentley College.

Field Hockey Falls at Springfield, 3-1

The Springfield College field hockey team netted a goal in the first four minutes of play and never looked back en route to a 3-1 victory over MIT in NEWMAC play on Saturday morning.

The Pride jumped on the board first as Becca Gamble took a feed from Alexia Carlson during a scramble in front of the goal and slipped the ball past MIT goalie Keni A. Dixon ’12 just 3:40 into the contest.

Morgan Reim gave the Pride a 2-0 advantage scoring a shot from seven yards out into the back of the goal after she received a pass from teammate Meg Bradley.

MIT cut the Pride’s lead to one with just over 10 minutes remaining in regulation as Ekhalti Mushi ’10 finished a pass from Anna H. Teyoja ’12 on a penalty corner.

However, Springfield, which applied constant pressure throughout the contest, put the game away two minutes later as Jane Kelleher netted her team-leading seventh goal of the year.

Carlson finished the game with two assists for Springfield, while Allison McCarthy recorded the win in goal, making just one save on four shots faced.

The Pride outshot MIT 29-4 in the game as goalie Dixon made five stops for the Engineers.

The Engineers will look to pick up their first conference win Tuesday, Oct. 7 when they travel to Babson College.

—Greg McKeever, DAPER Staff

alexandria c. hall ‘12 smacks a backhand return in the women’s tennis team’s win over clark university on saturday afternoon at the duPont tennis courts. for more details about the match, see article on page 16.
Unbeaten Men’s Soccer Defeats WPI, 1-0

Senior netminder Thomas S. Caldwell ’09 turned away four shots on route to his Institute-record 15th career shutout as the MIT men’s soccer team edged out WPI, 1-0, in a NEWMAC contest on Saturday evening. With the win, MIT remains unbeaten and is now 10-0-1 overall and 2-0 in conference play while WPI dropped to 5-4 on the year and 0-3 in NEWMAC action.

Jason Zhu ‘11 knocked home a deflection with just 3:10 left in the game to help lift MIT to the dramatic victory. The match was a tightly contested defensive battle with WPI enjoying a small advantage in shots (10-6) while MIT had a slight edge in corner kicks (6-3).

Zhu’s goal, his third of the season, gave MIT its sixth straight victory. The Engineers were ranked ninth in New England in the latest National Soccer Coaches Association of America (NSCAA) regional poll and, along with defending national champion Middlebury College, Salem State College, and Norwich University, are one of only four undefeated teams in the region.

MIT Edges Out Salve Regina, 5-4

In the inaugural meeting between both programs, the MIT men’s tennis team posted a 5-4 victory over visiting Salve Regina University on Saturday. The Seahawks established a 2-1 edge following doubles play, but the Engineers countered by winning four singles matches to clinch the team victory.

Salve Regina’s Andrew Martin and Trey Van Baiskirk held off Kevin Pang ‘11 and David E. Iba ‘09, 8-6, in the top doubles spot. Ken Van Tilburg ‘11 and Brian J. Wei ‘12 captured MIT’s lone doubles point by defeating Stephen Boreen and Charles Nommington, 8-6, in the next slot. Steve Masso and Collin Cunningham wrapped up doubles play with an 8-5 decision over Peln P Nichol’s ‘09 and Elia S. Harmatz ‘12. Pang led off singles action with a 6-2, 6-1 win over Martin in the No. 1 position. Van Baiskirk topped Van Tilburg, 6-2, 6-4, in the next spot.

MIT President Susan J. Hockfield is presented with a tie-dye style T-shirt from members of the crew team as part of the Crew Alumni Association’s boat dedication at the Boathouse on Saturday morning.

MIT’s women’s tennis team received their first loss of the season this Thursday to nationally ranked Tufts University, 7-2.

The doubles teams played first. Melissa A. Diskin ‘11 and Karina N. Pikhart ’09 fell first with a score of 8-2. The next two matches were extremely close. Leslie A. Hansen ’10 and Anastasia Vishnevetsky ’12 defeated their opponents 9-7 for one of only two wins for MIT. The team of Yi Wang ’09 and Alexandra C. Hall ’12 lost their match in the tie breaker with a score of 9-8 (3). This left MIT down 1-2 going into singles matches.

Vishnevetsky started singles play and won her match 6-3, 6-0, the second and final win for MIT. Hansen fell 6-1, 6-3 to her opponent. Diskin was defeated in one of the longest matches of the year, 5-7, 6-4, 19-17. Wang lost her match 6-2, 6-1, and Pikhart fell as well by a score of 6-3, 6-2. Hall was defeated 7-5, 6-2.

On Saturday, however, MIT earned a commanding 9-0 victory over Clark University, not dropping a single set to the team.

As usual, the doubles teams started play first. The first three matches all ended with the same score of 8-2 and finished at about the same time. Hansen and Hall, Wang and Pikhart, and Diskin and Jennifer A. Rees ’11 were the first three teams finished, and all won their matches despite not playing with their typical doubles partners. This left Emily J. Onufer ’10 and Katherine M. Smyth ‘10 on court. Their exciting match marked the first time that Onufer and Smyth were reunited as a doubles team after Onufer’s elbow injury last year.

The team finished off their opponents 8-4, leaving MIT with a lead of 7-0 going into singles play.

In the singles matches, Rees and Kerry R. Weinberg ’10 finished their match first. Weinberg defeated her opponent without yielding a single game, 6-0, 6-0. Rees won her match 6-1, 6-0. Next off was Kimberlee Boonhansdri ’11, playing with 4-6, 6-4. Wang finished soon afterwards with an amazing rally. She ran her opponent off the court and hit a winning volley to decide the match 6-1, 6-1. Shema Bhalla ‘11 was off next, defeating her opponent 6-1, 6-0. Pikhart finished her close match next. She outlasted her opponent to win 6-4, 6-1, leaving Diskin front and center. Diskin ran down ball after ball to win her match 6-2, 7-5.

The MIT women’s tennis team will face Wellesley College at home on Tuesday, Oct. 7.

Women’s Tennis Falls to Tufts 7-2, Rebounds to Overpower Clark 9-0

By Jennifer Rees

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Royal Bengal

Royal Bengal

The MIT sailing team competes in the Smith Trophy last Saturday on the Charles River.