Initial Dining Proposal Includes Possible Automatic Meal Charge

By Austin Chu

The MIT Student Senate plans to request the option of an automatic meal charge in the proposals to the MIT Corporation for the 2008-2009 academic year.

Some Floor Plans Gone; Issue 49 of 'The Tech' Was Stolen

By Nick Semenkovitch

The MIT Student Senate has confirmed that a series of floor plans had been removed from MIT’s listing of floor plans at https://floorplans.mit.edu. The sensor and security personnel were notified, and what ever happened to Issue 49 of The Tech?

Six floor plans removed from web

Earlier this year, The Tech noticed that a series of floor plans had been removed from MIT’s listing of floor plans at https://floorplans.mit.edu. In addition to the nuclear reactor, an X-ray source does not have plans available on the facilities website: Floor 8 of Buildings 16 and 56, Floor 7 of Building 46, Floor 06 of Building 68, and Floor 6 of Buildings E17 and E18. The plans for those floors have been replaced with PDFs that request users contact the Drawing Information Notes group.

It is not clear exactly when the floor plans were removed, although the “last modified” date returned by the server indicates that the plans may have been pulled as early as Jan. 16, 2007.

It is also unclear why the floor plans were taken down. The plans may be removed because of security concerns or Nuclear Regulatory Commission requirements.

At least some of the floors are likely to contain highly radioactive Cerium-137 sources that are part of Gammacell irradiators used in biology research. Documents from MIT’s Environmental Health and Safety Office imply that MIT owns multiple irradiators, and indicate that additional training is required for “radiation workers who will use the Gammacell Irradiators in the Center for Cancer Research, Department of Biology, or the Biological Engineering Division.”

Issue 49 stolen from stands

If you missed the Tuesday, Oct. 21 issue of The Tech, you aren’t alone. Many copies of Issue 49 were stolen from the stands. This is likely because of an article regarding delayed renovations of the W1 dormitory. The article, “W1 Dorm Project Delayed As Funds Dry Up,” detailed how MIT, weighing its financial liquidity, decided to postpone $90 million remo-

Tuition Announcement Will Come Sooner Than Usual

The Institute will announce its 2008-9 tuition and financial aid budget sooner than usual, said Secretary of the Corporation Kirk D. Kolenbrander after the Friday, Dec. 5 MIT Corporation meeting. The tuition announcement is usually made in March. At its meeting, the Corporation also discussed tuition and financial aid along with the provost’s first report on diversity, intended to be an annual report similar to that presented to the faculty each year. But the majority of the time at the meeting, which keeps private minutes, was spent discussing the coming budget cuts, Kolenbrander said.

Meet JoVE: The YouTube Of Scientific Journals

By Zeina Siam

Science journal meets YouTube in the Journal of Visualized Experiments, an open-access peer-reviewed online journal, accessible at jove.com, that has been publishing videos of biological research from labs across the country, including many from MIT. One of the journal’s goals is to provide an effective means of communicating advanced lab techniques that would be more difficult to communicate in a traditional text journal. Research videos range from “Microcontact Printing of Proteins for Cell Biology,” to “Obtaining Eggs from Xenopus Laevis [African clawed frog] Females.” JoVE featured a project by MIT biology graduate student Randal Halfmann, in July. In his video, Halfmann demonstrated a protocol he developed for screening hundreds of proteins at once for their potential to form amyloid in cells. Halfmann explained that his lab is interested in amyloid

This is the last issue of The Tech for 2008, we will return Jan. 7, 2009, and publish each Wednesday during IAP. Good luck on finals!
As Denny Fitzpatrick, a Chevron-Hummer dealer near Oakland, Calif., has watched the top Detroit auto executives plead for money from Congress, he has been rooting for them — but with no great conviction.

With a bullish move through Capitol Hill, "we have a chance of being hung with a softer rope," said Fitzpatrick, chairman of the California New Car Dealers Association.

His gallows humor is typical of dealers these days who believe they are on the chopping block, whatever happens to the Detroit automobile companies. All three carmakers have told Congress they need to cut their dealer networks as a fundamental element of their survival plans. Even as Congress works on a bailout for Detroit, many dealers are still likely to be hedged, or forced, out of business.

It is possible fights could erupt between some dealers and the auto companies. Virtually every state has stringent laws that make it difficult for manufacturers to alter dealer contracts, even when they abandon brands, as General Motors is talking about in the past. These laws have been a big impediment to auto companies in the past as they sought to cut their dealer networks.

But at this time, many analysts say the sheer scale of the economic downturn is reducing the likelihood that many dealers will fight to stay in what has become a money-losing business for them.

The National Automobile Dealers Association has predicted that 90% of the nation's 20,770 new-car dealers will have gone out of business by the end of this year, and many automobile industry experts say that estimate will rise to thousands in 2009.

Auto dealerships are an economic force everywhere in the country, employing some 1 million people. In the past, their sales accounted for as much as 20% of sales tax revenue for state and local governments.

The prospective dealer shutdowns would be an acceleration of a trend that goes back a decade. General Motors, which had 15,105 dealerships in 2000, has pared that number to 6,400 as its share of the car market has shrunk. In the plan that Rick Wagoner, GM's chief executive, presented to Congress last week to save the company from bankruptcy in a Delaware court, with the urging of some of its major creditors who met with Tribune representatives over the previous three days, the New York Times By Angela Zalucha

Tribune Co., the newspaper and television chain that publishes The Los Angeles Times and The Chicago Tribune, filed for bankruptcy protec-
tion on Monday.

The company came less than a year after Sun Zell, a Chicago real estate tycoon took control of the Tribune chain and took on $13 billion in debt that threatens to cripple it in the face of a sinking economy and a colossal debt burden.

Zell said the company had enough cash to continue operating its 12 newspapers, its television stations, its cable channel and assorted other media holdings, and the company insisted that the fumbling would have no effect on employees' paychecks and benefits, or on the vast major-
ty of its retiree medical benefits.

But in light of its shrinking cash flow, Tribune decided to file for bankruptcy in a Delaware court, with the urging of some of its major creditors who met with Tribune representatives over the previous three days.

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Liberal wondering when Obama's team will reflect them

By Peter Baker

President-elect Barack Obama's appointments have tilted so much to the political center that they have drawn praise from the likes of Karl Rove and Rush Limbaugh. That alone would seem enough to set off a revolt in liberal blogland. But the transition to Obama's Transition, many on the political left are trying to hold their tongues.

In assembling his team to date, Obama has largely passed over progres-
sives, opting to keep President Bush's defense secretary, tapping a retired general close to Sen. John McCain and recruiting economists from the middle and right.

It is the left-leaning former Treasury Secretary Robert Rubin who is the closest to the ideological center. Rubin is in line to lead the Treasury Department, which has traditionally been a bastion of liberal values.

The choices have deeply frustrated liberals who thought Obama's campaign signaled the rise of a new progressive era.

"So far, they are making my protest, clinging to the belief that Obama still means what he said on the campaign trail and remaining wary of understanding what they see as the most liberal presi-
dent sent to the White House in a generation. They are quietly lobbying for more liberals in the next round of appointments, seeking at least some like-minded voices at the table. And they are banding on the idea that no matter what he installs under him, Obama will be the driving force for the change they seek."

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Military jet crashes in San Diego, killing three on the ground

By Will Carless and Sharon Otterman

A military aircraft crashed into a residential neighborhood here on Monday, igniting a intense fire that killed three people in one house and destroyed at least one other home and two cars, fire and police officials said.

The aircraft, in the University City suburb of San Diego, occurred as the plane, an F/A-18D, was preparing to land at Marine Corps Air Station Miramar about two miles away, the Federal Aviation Adminis-
tration said. The pilot ejected from the aircraft and was transported to a local hospital in stable condition, said Spf. Sgt. Leonard Langston, a public affairs officer with Marine Forces South.

Witnesses said they heard two booms, the second louder than the first, and ground, resulting in a flare-up of smoke. The pilot, they said, parachuted to the ground, apparently land-
ning in a local high school playing field.

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Five charged in 9/11 attacks seek to plead guilty

By William Gladstone

The five Guantanamo Bay detainees charged coordinating the Sept. 11 attacks told a military judge on Monday that they wanted to confess in full, that moved to challenge the government's case against them and death and injected new complications in the Bush administration's military commission system.

The request, which was the result of hours of private meetings among the detainees, appeared to intend to undercut the government's plan for a high profile trial while drawing in
formed attention to what some of the five men have said as a desire for martyrdom. The military judge, Col. Stephen R. Henley of the Army, said a series of legal questions about how the commissions are to deal with capital cases had to be resolved before guilty plea could be accepted.

The case is likely to remain in lim-
bo for weeks or months, presenting the administration with a new issue involving detainees at the naval base at Guantanamo Bay to resolve when it takes office next month.

At the start of what had been laid out as a routine proceeding Monday, Henley said he had received a written statement from the five men dated Nov. 4 that said the five planned to stop filing legal motions and "to announce our confessions to plea in fall."" Speaking in what has become a familiar high-pitched tone in the cavernous courtroom here, the most prominent of the five, Khalid Shaikh Mohammed, said, "we don't want to waste our time with motions."

“All of you are paid by the U.S. government,” continued Mohammed, who has described himself as the mastermind of the 2001 attacks. “I’m not trusting any American.”

Mohammed and the others pre-
tended that they would work with the U.S. government. When Henley raised questions about the procedure for imposing the death penalty after a guilty plea, some of the detainees reportedly suggested they might change their minds if they could not be assured they would be executed.

The announcement Monday sent shockwaves through the biggest case in the war crimes system here, which some government officials say the system was designed to be. With the 9/11 case suddenly at a critical junc-
ture, the new administration in Wash-
ington will likely find it more compli-
cated to carry out Obama's pledge to close the detention camp here. Brooke Anderson, a spokeswoman for the presidential transition office, declined to comment.

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Extended Forecast

Today: Cloudy with temperatures steadily increasing. Autumn tempera-
tures around 40°F (4°C).

Tonight: Cloudy with temperatures steadily increasing. Chance of rain show-
eries late. Temperatures reaching 50°F (10°C) by early morning.

Tomorrow: Rain. High 57°F (14°C).

Tomorrow night: Rain, possibly freezing rain or snow late. Low 34°F (1°C).

Thursday: Partly cloudy. High 38°F (3°C). Low 26°F (-3°C).

Friday: Sleet and snow. High 35°F (2°C).
Pakistan Raids Militant Camp Imploded in Mumbai Attacks

By Anthee Carassava and Salman Massoud

NEW YORK TIMES

After mounting pressure from the United States, Pakistani authorities raided a camp run by the Lashkar-e-Taiba in the north of the country, the Pakistani authorities said Monday.

It was the first time that the Pakistan authorities used helicopters to strike a militant camp, which had been the site of a February 2008 attack that killed about 166 people.

The operation, carried out in the early hours of the morning, was aimed at neutralizing the group, which has been blamed for the Mumbai attacks in November 2008.

The raid was carried out in the town of Attock, in the eastern part of Pakistan, where Lashkar-e-Taiba has its base.

The raid involved the use of helicopters and ground troops, according to the Pakistani authorities.

The operation was a blow to the group, which has been designated a terrorist organization by the United States and other countries.

The raid also indicated that Pakistan was stepping up its efforts to confront the militants, who have been blamed for a series of attacks in recent years.

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Response to “Trust the Police?”

The “Wannabe Hackers,” in a Letter to the Editor from December 4, 2008, described their “experiment” that they performed to test the trustworthiness of DiFava’s word, and the MIT Campus Police. A good experiment is based on valid assumptions, and uses sound logic to draw a conclusion. The wannabe hackers’ experiment did neither.

The wannabe hackers say that “they decided to take DiFava at his word,” based on an earlier article in The Tech. What The Tech print is not necessarily DiFava’s word, especially when he made it clear during his meeting with the students at East Campus that it was not to be considered so.

That was the first failed assumption of the wannabe hackers.

If they were serious about testing DiFava’s word, they should have tried to contact DiFava — not whoever happened to be on CP duty that night. “Informing the TSE immediately” was not the same as “talking to” the Campus Police. To influence policy, you need to have any sort of dialogue with the Campus Police. Merely telling a police officer that you consider him to do something is neither credible or practical approach.

The wannabe hackers say that “this was a perfectly legal observational exercise.” False. Calling in a hoax is against the law. They assert “that this is something we’re going to keep being arrested until we’ve achieved our goal.” This is a claim without any real supporting evidence, since no hack-

Corrections

For an editorial published in the December 4, 2008 issue of The Tech. The headline was incorrect. Students have been arrested on a roof or the dome recently.

Robert J. Thompson’s statement was incorrect. Information about MIT Police is available at: http://www.its.mit.edu/security/department/ptd.html. The officer that estudiantes doesn’t have to be present.

To Reach Us

The Tech’s telephone number is (617) 253-1541. E-mail is the easiest way to contact the staff. If you are unsure whom to contact, send mail to general@thetech.mit.edu, and it will be directed to the appropriate person. You can reach the editor in chief e-mailing eic@thetech.mit.edu. Please send press releases, requests for coverage, and information about errors that call for correction to news@thetech.mit.edu. Letters to the editor should be sent to letters@thetech.mit.edu. The Tech can be found on the World Wide Web at http://www.thetech.mit.edu.
**Always Skillful, Often Breathtaking**

Celebrated Emerson Quartet Performs at NEC’s Jordan Hall

By Joyce Kwan

**Emerson String Quartet**

**New England Conservatory**

**Jordan Hall**

**December 5, 2008**

The much-celebrated Emerson String Quartet performed in Boston last Friday, playing a mostly Dvořák concert that, through the juxtaposition of blasé and breathtaking, demonstrated concert magic.

The concert, held by the Celebrity Series of Boston in New England Conservatory’s Jordan Hall, opened with an interpretation of Dvořák’s tenth quartet, also known as the “Slavonic,” which proved to be the only setback of the evening. The Emerson exuded all of its impressive technical unity, and none of its signature insightfulness and energy, leading to a disappointingly lackluster performance of a piece Dvořák composed during a particularly happy period in his life. As suggested by the quartet’s nickname, the piece incorporates elements of Czech national music, conjuring jovial, earthy dance rhythms, which, among other aspects, the Emerson failed to bring to life.

They quickly revived the mood, however, with the beloved Ravel quartet, a piece of wide emotional range that varies between reflective calm and unrestrained rapture, and evokes the sound of a Javanese gamelan orchestra. The performance was typical of Emerson excellence: tight and absorbing in its perfect subtlety.

Following intermission welcomed Webern’s Six Bagatelles, a very unusual piece not only because of its tonality, but also because at fifty-seven measures and about three minutes to perform, it is one of the shortest quartet pieces ever written. It is possible Webern intended to be as frugal as possible in expressing himself. The result is a piece of sharp dissonances and breathy harmonics that suggest profoundness, as realized by the Emerson’s precise playing.

Finally, upon the somber opening lines of the closing piece — Dvořák’s Fourteenth quartet — it became apparent this interpretation would not suffer from the lack of intensity that blighted his tenth quartet at the start of the concert. That said, this quartet renounces any obvious inclination toward the American or Slavonic styles Dvořák so often integrated into his earlier music, making this refined piece more difficult to interpret than the tenth quartet.

The Emerson delivered the piece in such a way that brought me to my knees in admiration of its artistry, no surprise given the acclaim and veneration the ensemble has garnered over its thirty-two year marriage. Particularly memorable were moments when the first violin soared in the upper register while grounded by the remaining instruments, suggesting inspired hope and optimism. Every note, every phrase, received the attention it deserved, and the concert closed to enthusiastic applause.

The Jordan Hall, considered to have one of the best acoustics in America for classical music, was adequately suited for the performance. Chamber music, originally conceived to be performed for friends in intimate drawing rooms, requires a much smaller venue for its complete effect. Although the Emerson sounded distant at times, its compelling nature nonetheless absorbed the audience. Its members (except the cellist, for practical reasons) anomalously stood to allow maximum freedom for expression.

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**Concert Choir Performs**

The MIT Concert Choir held their annual fall concert in Kresge Auditorium this past Sunday, Dec. 7. The choir directed by Dr. William Cutter featured “Alexander’s Feast (The Power of Musick)” by G. F. Handel and “Peaceable Kingdom” by Randall Thompson.

(Left to right) Ian Olsen of Boston Conservatory, Elisabeth Hon Hunt G, Pauline A. Sliwa G, and Daniel P. Cunningham ’07 join the MIT Concert Choir on Dec. 7 in performing “Alexander’s Feast (The Power of Musick)” by G. F. Handel.

Photography by Yuanyu Chen
A Cappella Groups Hold Fall Concerts

(clockwise from top left)
Priscilla W. Army ’10 of the Mus-es gets the audience going with Natasha Bedingfield’s “I Wanna Have Your Babies” during the Chorallaries’ fall concert last Friday.
Stephanie Senna ’12 closes the concert with “All Things Are Possible” by Darlene Zschech on Saturday, Dec. 6 during the Cross Product’s Winter Concert in 54-100.
John C. McGonagle ’09 rick-rolls the audience during a skit at the MIT/Wellesley Toons Fall Concert last Saturday in 10-250.
Cecilia R. Louis ’10 and Thomas M. Ciesielski ’11 of the Chorallaries sing “American Boy” by Estelle Feat and Kanye West during the MIT/Wellesley Toons Fall Concert on Dec. 6.
Tiffany K. Cheng ’12 of the Chorallaries sings “Hot ‘N’ Cold” by Katy Perry during the Chorallaries’ “A Concert We Can Believe In” on Dec. 5 in 10-250.
Dance Troupe Moves To Different Rhythms At ‘Insomnia’

The Dance Troupe fall performance, “Insomnia”, features several different dance styles choreographed by students. The show plays on Wednesday, Dec. 10 at 8pm, Thursday, Dec. 11 at 5pm and 8pm, and Friday, Dec. 12 at 5pm and 9pm in Kresge Little.

(clockwise from right)
Rachel N. Peterson ’09 moves to the beat.
Amelia L. Laughton ’06 and Thaddeus R. Cybulski ’10 command the stage.
(Left to right) Jason A. Scott ’10, Kamo Jurn ’10, and Adlai R. Grayson ’10 get their groove on.
Stephen G. Goodman ’12 and Elizabeth M. Kimball ’11 move to the beat.
Dana B. Sulas ’10 belly dances.
Ylaine L. Gerardin ’10 performs a ballet.
Photography by William Yee
By Michael Lin

Editor’s Note: This column was originally intended for publication on December 2nd, but due to the lateness of submission, it was pushed back until this issue.

It is with varying degrees of shame that I admit that I’m a chronic procrastinator. Ask my editor, and he can tell you that I always cut it close. Whether or not I finish my article on time is often a matter of typing speed. I realize that procrastinating is a terrible work habit, but I hope you won’t blame me too much for being less than enthusiastic to leap full-faced in front of the fire hose. As it happens, I’m about to make an earnest effort to be more responsible in the future, which is why I’m linking this common thread with much of the rest of humanity for one more article while I’ve still got the chance. 23 hours after my soft deadline, we had a holiday — totally not my fault.

It is perhaps more accurate than quaint to say that blood runs through my procrastination, and what with the recent blood drive on campus, the latter is feeling even thicker than water as usual. It’s hard to know what to make of the practice of putting work off until the last minute. On the one hand, you have people who argue that they do their best work under pressure, which if you think about it, is sort of like a pilot saying he does his best flying at an altitude of 50 feet. Sure, it might be true, but no matter how many times he claims to be a leaf on the wind, good luck getting anybody to be his co-pilot. At the same time, though, as my attention span continues to diminish for reasons I don’t fully understand, even that excuse is getting hard to use.

Sober, I had to alt-tab out and reply to my Facebook messages. As I was saying, even that excuse is getting hard to fall back on. On the other hand, it’s not that big of a stretch to say that I’m getting the low-impact all-nighter (if such a thing exists) down to an art form, which is not easy, since I refuse to use the assistance of caffeine or energy drinks (I’m something of a purist). The trick is to take a 15-30 minute nap roughly every two to three hours, depending on your latency period between getting up and becoming alert. I find that it helps to remain fully-dressed and leave your room lights on, to ease the transition from sleeping to waking. Top it off with an hour or two of real sleep before class (assuming you’ve finished that which you had to pull the all-nighter to finish), and hopefully you won’t feel too binary during the day, at least for a while.

Obviously, all-nighters should be used sparingly, if at all, to get things done — like the Ghostbusters crossing the streams of their proton packs. You could solve all your problems and be the big hero, or you could go to class feeling like every particle in your body is simultaneously exploding at the speed of light — which is probably not quite as awesome as it sounds. I suppose there’s only one way to find out: think several dozen espresso-Red Bull cocktails, but frankly, I like keeping the blood vessels in my brain intact.

Mind you, using frequent powernaps to stave off the onslaught of slumber carries with it its own risks. I don’t know about yours, but as my body runs lower and lower on fuel, it becomes harder and harder to convince it that the wailing alarm clock is an adequate reason to get up. As you might imagine, it wasn’t long before I started sleeping through my alarm clock, mostly because the fade-up from silence isn’t quite as persuasive kick I needed to jolt me out of bed in the mornings.

Fortunately, I’ve managed to fix that problem with a little electronic twiddling. Now, instead of using my alarm clock, I set the alarm to play the William Tell Overture, hook it up to my desk speakers, and crank up the volume. Up until recently, I set the alarm to play the Top Gun soundtrack, but when you really absolutely have to get up on time — like, for example, when you have to catch an early train to go on vacation — there’s nothing quite as explosively effective as the William Tell Overture at 120 decibels. Now, if you’ll excuse me, I have to go down to the hardware store and pick up some glass panes. I certainly managed to catch my train, but … I miss having a window. And neighbors.

Nanomechanics of Materials and Biomaterials

Spring 2009 Undergraduate Course Offering
Credit Hours: 3-0-9, TR 12pm-1pm, F 2pm-3pm
Preregister online for a guaranteed slot; for more information: Prof. Christine Ortiz (cortiz@mit.edu)

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- Single cell mechanics (e.g. malaria, stem cell-based tissue engineering)
- Fundamentals of biocompatibility (e.g. vascular grafts, heart valves, tissue engineering, hip implants)
- Nanoscale design of natural exoskeletons
- Biosensors (e.g. heparin)
- Single molecule tensile testing (e.g. DNA, protein unfolding)
- Biological and biomimetic adhesion (e.g. geckos)
- Lubrication control via polymer brushes and nanostructured surfaces
- Nanostructured composites for military applications

Campus Life

Waiting Until the Last Instant

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MIT Museum
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3,052
Nanomechanics of Materials and Biomaterials

Featuring the NanoNewton Podcasts!

Discussions between MIT students and top scientists from around the world on their recently published nanotechnological discoveries.
http://web.mit.edu/cortiz/www/Nanonewton.html
By Ben Shank and Dugan Hayes

15 — High Places — a3
“Dude.” — Ben
“Disgussuuuuun.” — Dugan

14 — Ordered Collapse — Bits
If you're going to freshmen reunion this year, hopefully you got to see this band rock the stage with their brand of high energy rock. It’s really kind of hard to describe their music but basically it sounds like some sludgy rock, but somehow manages to manage to stand out and are far more than most of their contemporaries.

This year, the band brought in another guy with a good voice and the guy with a bad voice, or maybe it’s the awesome bass lines that give equal time to all four strings. Either way, the songwriting is still incredible. A bit more refined than some of their earlier works, but still rocking. The marimba hook on the slow repetition of two notes on their new album, Get Awkward/Get Damaged, has to be one of the best things we’ve heard all year.

13 — Ravensettas — Last Last Last
Who knew Rachel Ray was so damn hip? This Danish duo, hand-picked by the chef/author/speaker/columnist for her SXSW party, writes simple rock songs. Then they drown them out in distortion. Together with some filthy lyrics and naive female vocals, it makes a good formula — although I’m not sure I’ll ever be able to look at Rachel Ray the same again after listening to “You Want the Candy.”

12 — TV on the Radio — Dear Science.
Stereo Jak’s choice for worst album title of the year, enough has been written about TV on the Radio that we probably don’t have to give you much background — hell, even Entertainment Weekly gave this album an A-. So, let’s summarize what we’ve learned from this album: President Bush still has the approval of “Young Love Deliverers” and the harder edge of “For the Winter Coats” are standouts, while “I Hate Nobody” manages to stand out in my head — in the best way possible — for weeks on end.

11 — Lil Wayne — Tha Carter III
Dwyer and Brigid Dawson sing the entire album in duet throughout what sound like telephones, both of their voices sooked in reverb, while the drummer pounds out killer grooves that never go out of style. Oh, and put on a goddamn shirt.

10 — The Fiery Furnaces — Remembering What Never Came Out
At least Lil Wayne came out and said it: now this is by far my favorite band ever, and anything they release is, in my mind, better than anything by anyone else on record in 2008. The Fiery Furnaces live show; the songs cut through and out of each other totally unpredictably. So we end up getting the calypso arrangement of the entirety of “Bitter Tea,” the grandmothers extreme pop arrangement of “Rebozos For Our Lives,” and the chopped-up blue-twinged-hard-rock-arrangement of favorites from their other studio albums: the album art includes the warning “Do not attempt to listen to all at once,” but I’ve broken that rule more times than I can count.

9 — Stereolab — Chemical Chords
So this is supposed to be Stereolab’s Motown record, but I don’t doubt anyone would have thought that if Tim Dwyer hadn’t said it himself. In practice, that’s exactly what Stereolab does with this hour and a half long album you’ve heard before.

The Fiery Furnaces might still have a leg up on Stereolab and while they are all reiterations of albums both, most have entirely different melodies and instrumentations, leaving only the lyrics of the originals intact — for example, the Fiery Furnaces live show; the songs cut through and out of each other totally unpredictably. So we end up getting the calypso arrangement of the entirety of “Bitter Tea,” the grandmothers extreme pop arrangement of “Rebozos For Our Lives,” and the chopped-up blue-twinged-hard-rock-arrangement of favorites from their other studio albums: the album art includes the warning “Do not attempt to listen to all at once,” but I’ve broken that rule more times than I can count.

8 — Spiritualized — Songs in A&E
Jason Pierce has a man-crush on Jesus. No, not in the “Lord-and-Savior” sense, but more as a result of total

7 — Fucked Up — The Chemistry of Common Life
Let’s face it. Punk and the day Dookie came out. But this album may have done more to revive hardcore as a respectable genre than any other since ‘94. The lyrics are great, and go back to the old hardcore standards: sex, drugs, and hating religion. Brutal lead vocals and standard power chords are backed by sounding — and, as far as punk goes, unconventional — instrumentation (flutes?!). This is the best thing to happen to hardcore since Jawbreaker came out with Uniform.

6 — No Age — Nouns
“L.A. Art-Punk” is the most annoying sub-genre moniker since “funk,” but damn it if No Age doesn’t just transcends the awful label. These guys are a drum and guitar duo that inject samples until their music is incredibly dense. Sorting it all out can be a daunting task, but in the end a rewarding one it just takes a few listen. Now we can only hope they海军nmnization
doesn’t go to their heads. (The nod is for Best Album Packaging.)

5 — They Oh Sees — The Master’s Bedroom Is Worth Spending a Night In
This one definitely came out of nowhere. John Dwyer, for- merly of noise-rock groups Pink and Brown and the Hospitals, decided to transform his solo project They Oh Sees into a band and release — a 1950s rock album? It sure sounds awesome on paper, and it sounds even better on record. Sure, half the songs are standard exactly like that of that part of the fun, but as soon as we hear them, this album is an absolute stomper.

Dwyer and Brian Dawsone sing the entire album in duet through what sound like telephones, both of their voices soaked in reverb, while the drummer pounds out killer grooves that never go out of style. Oh, and put on a goddamn shirt.

4 — Be Your Own Pet — Get Ashwuck/Get Damaged
BYOP (2003-2008, RIP) achieved what every awesome high school garage band dreams of — getting signed by motherfucker Thurston Moore. And then this year they proved just how punk they are when they were having sex in the audience! (1) during their Boston show at the Paradise and (2) by having the label executives make them cut songs from their album for being too violent. I guess the idea of the ferocious (and ferociously hot) vocalist Jemima Pearl singing about “watch[ing] with knives after class” and killing her ex-BF provided too many images of women in revolution. The counterpart “Watch[ing] with knives after class” and killing her ex-BF provided too many images of women in revolution.

3 — Crystal Bands — We Are...Or...We Are
What could be worse than listening to a bunch of shitty top 40 bands? Hearing a bunch of them all at once. “Oohh, he’s a biographical engineer” you say. “Oohh, has he ever even sung!” Gregg Gillis, we have 4 words for you: STFU. Oh, and put on a goddamn shirt.

2 — Lil Wayne — Tha Carter III
3) The next three Los Campesinos! albums. If they can put out another one on a label other thanrdg, they’re on my favorite list of albums full of this stuff in this year (the other is named We Are...Or...We Are...Or...We Are). Incidentally, of the seven of them, six are gorgeous — just watch out for the drummer.

1 — fucked Up — Do Not Attempt to Listen
Over the past four years, Fucked Up have written a million songs, of which people that times New Vi-

king is the best band in the world. Now that I’ve had time to see the hyperbole subsides, I still think they might be. What makes them so great? Well, they write perfect pop songs and then re- cord on them the cheapest possible equipment so everything is surrounded by a ton of noise, fuzz, and tape hiss. The vocals are usually split between the (male) drummer and the (female) keyboard player, who alternate screaming back and forth at each other and singing together in something that vaguely resembles harmony. And when they play live, instead of having a planned setlist, the drummer just shouts out whatever he wants to play between taking swigs of Jack Daniels. It really doesn’t get any better than that.

Worst Album Titles
1) Atmosphere — When Life Hands You Lemons, You Paint That Shit Gold
2) Marnie Stern — This Is It And I Am It And You Are It And So Is That And He Is It And She Is It And That Is That
3) TV on the Radio — Dear Science.
4) Stereolab — Songs in A&E
5) Marnie Stern — Dots and Loops

Most Amazing Musical Trends
3 — Crystal Bands
For whatever reason, indie music goes through cycles where every single new band uses one word in its name. This year it’s Crystal Airheart, Crystal Stills, Crystal Castles. While I am surprised no one has used Crystal Wolf yet, this needs to stop.

2 — New Disco
How did this even get popular? It sucked in the 70s, and it sucks more now. End of story.

1 — Girl Talk
What could be worse than listening to a bunch of shitty top 40 songs? Hearing a bunch of them all at once. “Oohh, he’s a biographical engineer” you say. “Oohh, has he ever even sung!” Gregg Gillis, we have 4 words for you: STFU. Oh, and put on a goddamn shirt.

 Albums We’re Excited for in ’09
5) Fiery Furnaces. Dugan won’t let me not include this.
4) The second Tha Carter III. That’s right, he’s making another one, and naming it the same thing. That’s what you get to do when you’re the rapper alive.
3) The next three Los Campesinos! albums. If they can put out another one in their first year, we expect no fewer than four in ’09.
2) The Thermals. With their new drummer, J.B. King.
1) My Bloody Valentine. Reunited and looking to put out their first album since 1991’s INCREDIBLE Lovelife, dear god, our hopes are so high for this. Kevin Shields, please don’t disappoint.

Get beef. Shoot us an e-mail at gnu@wmbrr.com and we will roll you show the error of your ways.

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CAMPUS LIFE

December 9, 2008

THEShE

WMBR Our Year in Lists

The Best and Worst of ’08

All we want is
http://www.mbl.org/lemb
Steal My Comic
by Michael Ciuffo

The Daily Blunderbuss
by Ben Peters

EMBARRASSMENT
If I were near this building, I would hide under an umbrella too.

su | do | ku
© 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 13.

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

PhD
Piled Higher and Deeper

WWW.PHDCOMICS.COM
Doonesbury
BY GARRY TRUDEAU

Dilbert®
by Scott Adams

Crossword Puzzle
Solution, page 13

ACROSS
1 Cowardly Lion portrayer
10 Creative work
14 Chills and fever
15 Communicate by PC
16 Marlon’s “The Godfather” role
17 Kennel sound
18 Chicken Little’s friend
20 Market
21 PM value
22 Impulses
23 Traffic order
25 Dress
27 Map key
29 Terrifying
33 Occupied
34 Very long story
35 Sandy hill
36 Lon of Cambodia
37 Service sector
38 Lic. to pull teeth
39 Corner joints
41 Witter Murdoch
42 News services
44 Mornings and afternoon
46 “Buffy the Vampire” role
47 Freshly
48 Scottish landowner
49 Gulf of Bothnia island
52 Devour
53 Bonkers
55 Sandy hill
56 Kipling bear
58 Mil. entertainers
60 Honor student’s grades?
61 Wickerwork willow
62 Minn. neighbor
63 Operates
64 “How I Play Golf” author
65 Physique workshops

DOWN
1 Deposits eggs
2 1958 Pulitzer novelist
3 Frug relative
5 To and _!
6 Make revisions
7 Highway division
8 Extended family
9 Foy
10 Excessive offer, perhaps
11 Metallic sound
12 The _ Reader
13 Oriental sauces
14 Chills and fever
15 Creative work
16 Communicate by PC
17 Kennel sound
18 Chicken Little’s friend
20 Market
21 PM value
22 Impulses
23 Traffic order
25 Dress
27 Map key
29 Terrifying
33 Occupied
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58 Mil. entertainers
60 Honor student’s grades?
61 Wickerwork willow
62 Minn. neighbor
63 Operates
64 “How I Play Golf” author
65 Physique workshops

1 2 3 4 5 6 7 8 9 10 11 12 13
14 15 16 17 18 19 20 21 22 23 24 25 26
27 28 29 30 31 32 33 34 35 36 37 38 39
40 41 42 43 44 45 46 47 48 49 50 51 52
53 54 55 56 57 58 59 60 61 62 63 64 65
Grad Student Receives Pretrial Probation After Assault Charge

By Michael McGraw-Herdeg
EXECUTIVE EDITOR

A graduate student has received pretrial probation, effectively halting the four charges filed against him in connection with an incident at the List Visual Arts Center in October 2007. If Leonardo Bonanni G stays out of trouble for nine months, the charges of assault and battery on a police officer, resisting arrest, disorderly conduct, and marijuana possession will be dropped.

As a condition of Bonanni’s probation, he was required to write letters to The Tech and to the officer who arrested him. “Despite recent articles in The Tech regarding the MIT Police Department,” Bonanni wrote in his Nov. 17 letter to The Tech, “I want to assure the student body that the officers I dealt with were courteous throughout the court proceedings. I was able to resolve my case earlier this week and I would not have been able to do so were it not for the professional approach taken by the police officers in question.”

Bonanni was arrested at a film screening at the List Center in the Media Lab, after a police officer’s request to examine a marijuana cigarette behind his car turned into a physical altercation involving multiple police officers.

MIT Police officer Joseph West was later treated at Cambridge City Health and Alliance Hospital for an injury to his left hand that resulted from the arrest. The police report can be found among records filed with the police’s criminal complaint, available at http://tech.mit.edu/V128/N49/arrest/.

“The Tech could contact only one witness to the arrest, Cambridge resident Andrew Richardson, who said that the police’s ‘efforts to subdue the kid seemed uncalled-for, an overreaction’.”

But MIT’s de facto police chief, John DiFava, said in October 2008 that he stood by his officers’ training and that they had responded with appropriate force to subdue a belligerent suspect.

Bonanni’s attorney, Viktor Theiss, said he was pleased by the outcome. “The system did what it was supposed to do,” he said. They “took a time out, and if nothing further happens, then the case is dismissed.”

“I want to assure the student body that the officers I dealt with were courteous throughout the court proceedings. I was able to resolve my case earlier this week and I would not have been able to do so were it not for the professional approach taken by the police officers in question.”

Very truly yours,
Leonardo Bonanni

This letter was mailed to The Tech from the Cambridge District Court. “As a condition of a Pre-trial Probation, Leonardo Bonanni was required to write a letter to your newspaper and to the Police Officer involved in his case — I hope this provides resolution to the matter,” wrote probation officer Marie Burke. (She was unavailable for comment on Monday; a reporter left a telephone message.)

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Letter From Bonanni to The Tech

November 17, 2008
167 Erie Street
Cambridge, MA 02139

Nick Semenkovich, Editor in Chief
The Tech
84 Massachusetts Avenue
Suite 483
Cambridge, MA 02139

Dear Editor in Chief Semenkovich,

As you are no doubt aware, I was arrested by the MIT Police Department in 2007. Despite recent articles in The Tech regarding the MIT Police Department, I want to assure the student body that the officers I dealt with were courteous throughout the court proceedings. I was able to resolve my case earlier this week and I would not have been able to do so were it not for the professional approach taken by the police officers in question.

Very truly yours,
Leonardo Bonanni

This letter was mailed to The Tech from the Cambridge District Court. “As a condition of a Pre-trial Probation, Leonardo Bonanni was required to write a letter to your newspaper and to the Police Officer involved in his case — I hope this provides resolution to the matter,” wrote probation officer Marie Burke. (She was unavailable for comment on Monday; a reporter left a telephone message.)
MIT plans to cut spending from its general funds by five percent in 2008-9 and 10-15 percent within three years. The MIT community will have some voice in how those cuts are carried out, in a process to be announced in a letter from Provost L. Rafael Reif and Executive Vice President Theresa M. Stone SM ’76, Ph.D., Kolenbrander said. “Everything is on the table,” Kolenbrander said, including layoffs.

Cost-cutting may affect experimentation in teaching by limiting high per-capita costs, Kolenbrander said. Many new, experimental subjects like the “Elements of Design” class in new General Institute Requirements proposal might fall into this category. Despite the recession, donations are still “solid so far,” Kolenbrander said.

Donations for the Campaign for Students fundraise, which hopes to raise $500 million by 2011 and claimed $277 million in October 2008, are “right on track,” he said.

The student activist group also calling itself the Campaign for Students distributed flyers to Corporation members at Friday’s meeting; a similar version of their flyer is available as a guest column on page four of today’s issue. Students talked to Corporation members in the morning and met with Institute student life administrators in the afternoon, said group member Christopher J. Vannhoot ’09.

—Michael McGraw-Herdeg

New Panhel Exec to Take Office

The MIT Panhellenic Association, the governing council for the six sororities on campus, chose their new executive council on October 19. The new council will take office this Thursday.

The new president, Minh Huynh-Le ’10, said she hopes to better unite all the women on campus through leadership initiatives. The new board will also work to support the new sorority, Pi Beta Phi, during its first year on campus.

“One of our goals is to incorporate Pi Beta Phi into recruitment since next year is their first year in full fall formal recruitment,” said Huynh-Le. “We hope to have a smooth integration.”

Pi Beta Phi, which currently has 41 members is also in search of a new chapter house.

Huynh-Le also wants to improve Panhel’s philanthropic efforts. She said she hopes to have a larger impact this year.

—Omar Abudayyeh

Solution to Sudoku

From page 10

6 9 7 4 8 2 5 1 3
2 1 3 9 6 5 8 4 7
4 8 1 3 7 9 2 6 5
9 3 1 8 5 4 7 6 5
5 2 6 3 7 9 1 8 4
8 7 4 2 1 6 3 9 5
7 4 9 5 2 1 6 3 0
3 5 2 6 9 8 4 7 1
1 6 8 7 4 3 2 5 0

Solution to Crossword

From page 12

Across

A final destination (8)
Bite the bullet (11)
Choral group (6)
Citizen (4)
Clown (5)
Flap (5)
Hand (12)
Musing (7)
Number (4)
Piece (12)
Pot (2)
Quickly (5)
Rabies (6)
Rise (7)
Snatch (6)
Stock (4)
Tide (4)
Under (4)
Victim (7)
Wrong (7)
Year (7)
Zero (7)

Down

A house (8)
A night (8)
A pinch (6)
A trip (5)
An effort (5)
An eye (6)
A look (6)
A month (5)
A party (5)
A shirt (5)
A stitch (4)
A town (5)
An arm (4)
A coat (4)
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An eye (4)

—Michael McGraw-Herdeg

MIT AV Seeks to Stop Off-Hours Lecture Hall Broadcasts

MIT Audio Visual staff have implemented “a technical protocol” to prevent broadcasts like the Nov. 24 late-night showing of a couple chatting in the back of 10-250 on channel 11.

The broadcast was a “technical oversight,” MIT AV manager Louis W. Graham Jr. said in an e-mail.

Lectures and speeches from 10-250, and other rooms, have been regularly broadcast live on channel 11 for the past semester. Before the protocol change, the video cable connecting the 10-250 video signal to MIT Cable was left plugged in, and sometimes broadcasts stayed on after lectures ended.

Now, Graham wrote, “The video switching equipment will be powered down at the conclusion of classes and events which require the recording or streaming services. In addition, the video patch cable will be disconnected from the signal path at the conclusion of each event.”

During the Nov. 24 broadcast, which had no sound, a couple was clearly visible at the back of the room; they talked for about ten minutes until a Tech photographer entered and told them they were on TV.

MIT AV expects “there will be no repeat of the inadvertent broadcast of video signals from 10-250 in the future,” Graham wrote.

—Michael McGraw-Herdeg

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Proposed GIR Changes Receive Mixed Reactions from Students

The ECS recommended that both the SME Foundations and Elements of Design classes undergo experimental and assessment stages before being considered as required elements of the curriculum, an estimated time of approximately two to three years. Pertaining to the introduction of SME Foundations, students responding to the survey were generally neutral, with 39 percent of sophomore saying they would value the flexibility it offered.

Fifty percent of upperclassmen and 58 percent of freshmen supported the introduction of Elements of Design, but concerns were raised that the classes would lose relevance if not major-specific, and that the lab requirement would be better suited for science students. There was general agreement — 70 percent upperclassmen, 76 percent freshmen — that exposure to design methods would be beneficial, but there were opinions that it could be fulfilled through other venues like internships and existing classes, and thus should not be a requirement.

Students support HASS-D restructuring

The ECS recommendations for the modifications to the HASS requirement are to develop First Year Focus (FYF) subjects, which are targeted at freshmen and have central “human” themes such as poverty or justice, and to eliminate the HASS-D system, to be replaced with a three-category system.

The goal of the FYF subjects is to help students to think critically and across disciplines in the humanities and to foster a sense of community among students, particularly freshmen. As such, students would be “highly encouraged” to take the subjects freshman year, but could choose to wait until later. New FYF classes will be developed in the next two years, and some current HASS classes will be adapted into FYF subjects.

The elimination of the HASS-D categorization would be effective for the Class of 2014. Instead of the HASS-D requirement, in which students must take three classes from five HASS-D designations, students would be required to take a class from each of the Arts, Humanities, and Social Sciences. The ECS recommended grouping HASS classes by subject, not by department, to allow students to fully explore the distribution of the categories within a subject that incorporates all three. The concentration component of the HASS requirement and the Communications Requirement would not be modified.

Reception of the FYF subjects was not as well received as other aspects of the GIR reforms, with 56 percent of freshman and 62 percent disagreeing with the idea that an FYF class would foster a sense of community. Many students valued the upperclassmen-freshmen interaction in HASS classes (57 percent of upperclassmen and 53 percent of freshmen), and others thought that freshman year is already too restrictive.

Among students, there was overwhelming support for a restructuring of the HASS-D system. 61 percent of upperclassmen and 62 percent of freshmen found the system confusing, and only 29 percent of upperclassmen and 31 percent of freshmen found it understandable. The proposed system was deemed clear by 79 percent of upperclassmen and 74 percent of freshmen, and students generally thought that the new system was more flexible than the current one.

The ECS was founded last October to refine and revise the recommendations made by the 2006 Task Force on the Undergraduate Educational Commons. The Task Force recommendations were more radical than the current proposals, suggesting including having students select five classes from six SME categories and only having single and multi-variable calculus, along with mechanics, as requirements. A recent implementation of a Task Force recommendation is the move from double degrees to double majors.
supposed to publicly discuss details of its meetings or recommendations. The results of the campus-wide survey conducted by the committee in the spring are also being kept secret.

In an e-mail, Donna M. Denoncourt, associate dean of Residential Life and chair of the Blue Ribbon Committee on Dining, said that “the committee has forwarded to the consultant preliminary recommendations based on the data collected thus far.” She noted that “our hope is to have an open avenue for reactions to the recommendations after the Blue Ribbon committee and senior leadership have had an opportunity to review the findings from the consultant.”

Though the idea of a “minimum nutritional fee,” along with many others, has been sent to the committee’s outside consultant for feasibility evaluation, it is still in its early stages. Committee member and UA V-p President Michael A. Bennie ’10 said that he expected the current set of proposals to go through many more iterations before the committee finishes its work. “The student representatives aren’t going to let something happen that will present an unreasonable burden on students,” he said.

Bennie also emphasized that all of the proposals thus far were being considered independently, and that this mandatory dining fee was one of many ideas being considered. For example, James Torres ’10, president of the Dormitory Council and also a member of the Blue Ribbon Committee, noted that one initiative that has broad support from the committee is the possibility of adding more breakfast options on campus.

Nevertheless, on Monday night, the UA Senate passed a bill without opposition directing its representatives on the Blue Ribbon Committee on Dining to begin reporting publicly on the activities of the committee. In part, the bill directs the UA student representatives to the committee to “publish summaries of all meetings, past and upcoming, to ‘make public any proposals that leave the committee,’” and to “fully report on all discussions held, all proposals written, and all data considered by the committee to the UA.” The bill was co-sponsored by 13 UA Senators, officers, and other representatives. A copy of the bill is available online at: http://tech.mit.edu/V128/NS/dining/

According to Torres, the committee spent much of its first year gathering data from which to draw its recommendations. Much of fall 2007 was spent with focus groups, while spring 2008 was centered around a detailed campus-wide survey of students and faculty. According to Bennie, that survey received about 3,900 responses and resulted in a 108-page report.

The recent proposals represent the next stage for the committee, in which the committee will iterate through various versions of recommendations, comparing their ideas against the previously gathered data. To help with the work of sifting through the all of the data, the committee has hired the consultant firm Envision Strategies.

According to Denoncourt’s e-mail, Envision Strategies “specializes in strategic planning and operations consulting for restaurants, food service and hospitality, and retail enterprises.” Denoncourt also wrote in her e-mail that the committee’s principal consultant “has conducted studies at 5 of MIT’s peer institutions.” Envision Strategies lists consulting for Harvard University, the University of Washington, Princeton University, the University of North Carolina at Chapel Hill, and Ohio State University among its recent projects on its website.

Envision Strategies should return their evaluations in early January, in time for the next committee meeting later that month, according to Bennie. The committee has not set a deadline for its final recommendations yet, said Bennie. “I think we’re definitely in the beginning stages,” said Torres. Bennie forewarned the committee working at least until May 2009.
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Their Endowments Crumbling, Schools Make Contingency Plans

By Peter Schworm

THE BOSTON GLOBE

December 9, 2008

Many colleges said it seemed simple: Donations rolled in, the boldest stock market multiplied them, and college presidents felt confident that the wealthiest schools, millions becoming billions, would weather the worst of the skewed. Now, with Wall Street collapsing this fall, colleges across the country are in the unfamiliar situation of trimming budgets and freezing hiring to offset large endowment losses. Even more worrisome, colleges are questioning whether the recession will — after years of tuition increases — push their cost base beyond the means of many families.

"It's a sea change," said Molly Corbett Broad, president of the American Council on Education, the nation's primary higher education advocates group. "There is a lot of soul-searching going on." Colleges are wondering if their student financing models had plunged 22 percent, or $34 billion, in three months to $3.4 billion. Williams College's drop of $500 million to about $1.3 billion. Many other schools, while declining to provide specifics, have acknowledged substantial losses. In response to the downturn, colleges have cut their budgets in search of savings. MIT, whose enrollment has been worth nearly $34 billion but has not said how much it has fallen, said it would trim its budget by $50 million in lost income next year, and suspend new capital projects this fall. The university may also be forced to abandon its policy, in some cases, of waiving student assessments toward their ability to pay, Bacow said.

Brown University announced a hiring freeze through January and is considering, whether it can afford, a quick fix. "With endowments, colleges are suddenly finding themselves on the front lines," said Bob Zehr, a finance professor at the University of Minnesota. "The best way to do a project is to do it with someone, and JOVE somehow comes in the middle, because you get to watch someone doing it." Zehr said. "It is very happy with the project. I have my work has gotten with this publication formar."

The Sloan Subject Bidding (SloanBid) System

https://sloanbid.mit.edu

First time logging in? Use your MIT ID as both your log in and password. Follow instructions on the site to change your password or retrieve lost passwords. Once logged in, make sure and check that your information (i.e. program of study and graduation date) is correct.

Institute-wide bidding for Sloan subjects:

Opens 9:00 a.m., Friday, December 19

Closes 5:00 p.m., Monday, December 29

Waitlist Round for closed Sloan subjects:

Opens 9:00 a.m., Friday, January 2

Closes 5:00 p.m., Friday, January 2

Section Swap Round for seasoned Sloan subjects:

Opens 9:00 a.m., Wednesday, January 13

Closes 5:00 p.m., Tuesday, January 20

Please contact Scott Alessandro, salesman@mit.edu, if you have questions regarding Sloan Course Bidding.

Successful bids will appear on your Registration Form on February 2 and will be posted on the bidding website as of January 2 — write down your password to check results!
The Product Engineering Process (2.009) final presentations took place on Dec. 8 in building 34. Students spent the semester developing and prototyping products for “the home,” the theme of this year’s class, and showcased them to faculty, students, and corporate sponsors.

(clockwise from top left)

Jared A. Sartoe ’09 unfolds “elixa,” the Green Team’s collapsible designer coffee table. The table featured carbon fiber and stainless steel components, and folded flat with a twisting motion, permitting it to be slid under a couch or hung on a wall.

Professor David Wallace PhD ’95 (center) and several members of the Silver Team stand behind the team’s “Infinite Range” prototype. This cooktop featured a touchscreen interface and an array of 95 independent heating and sensing elements intended to accommodate various pieces of cookware placed at arbitrary locations on its surface.

Members of the Yellow Team take down their ModuWall do-it-yourself wall system. The wall system used vertical posts, composite panels, and flexible strips with industrial mushroom-head Velcro (used to attach armor to tanks) to provide privacy and sound isolation for roommates.

Michael L. Stern ’09 discusses the Red Team’s fire safe microwave. The microwave, shown partially disassembled here, contains built-in spark and fire detection systems, as well as an automatic, reusable fire suppression system built around commercially-available 50¢ carbon dioxide cartridges.

(clockwise from top left)

J. Kim Vandiver PhD ’75 and Wenxian Hong ’10 play with a prototype of the Blue Team’s “DOT It” portable Braille label maker. The label maker used battery powered electronics and servo motors to emboss Braille characters onto commercially available Braille labeling tape.

Photography by Martin Segado
## Scoreboard

### Men's Basketball
- **Thursday, Dec. 4, 2008**
  - MIT (5-3) 76
  - Lesley University (2-6) 43
- **Saturday, Dec. 6, 2008**
  - Tufts University (4-3) 79
  - MIT (6-3) 66

### Women's Basketball
- **Thursday, Dec. 4, 2008**
  - Albertus Magnus College (5-3) 60
  - MIT (2-4) 64
- **Saturday, Dec. 6, 2008**
  - Bay Path College (2-5) 43
  - MIT (3-4) 50

### Men's Fencing
- **Sunday, Dec. 7, 2008**
  - Brown University 20
  - MIT (3-6) 7
  - St. John's University 15
  - Yale University 15
  - MIT (3-9) 12

### Women's Fencing
- **Sunday, Dec. 7, 2008**
  - Brown University 16
  - MIT (6-4) 11
  - Cornell University 11
  - MIT (7-4) 16
  - St. John's University 14
  - MIT (7-5) 13
  - Yale University 16
  - MIT (7-6) 11

### Men's Ice Hockey
- **Friday, Dec. 5, 2008**
  - MIT (3-3-1) 5
  - Westfield State College (4-2-1) 4

### Women's Ice Hockey
- **Thursday, Dec. 4, 2008**
  - College of the Holy Cross (8-0-1) 6
  - MIT (1-4-0) 3
- **Saturday, Dec. 6, 2008**
  - Manhattanville College (7-1-0) 6
  - MIT (1-5-0) 0

### Rifle
- **Friday-Saturday, Dec. 5-6, 2008**
  - Virginia Military Institute 4331
  - Massachusetts Maritime Academy 4030
  - Wentworth Institute of Technology 4316
  - MIT (16-6) 4449

### Squash
- **Saturday, Dec. 6, 2008**
  - Tufts University (2-5) 6
  - MIT (5-3) 3

### Men's Swimming
- **Friday-Saturday, Dec. 5-6, 2008**
  - MIT Invitational 1st of 7

### Women's Swimming
- **Friday-Saturday, Dec. 5-6, 2008**
  - MIT Invitational 3rd of 7

### Wrestling
- **Saturday, Dec. 6, 2008**
  - RIT Tournament 10th of 13

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## College Students

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### Boston Chamber Music Society

**Holiday Concert: An Evening with Mozart**

2 tickets per MIT student ID

Friday, December 12, at 7:30pm
First Church in Cambridge, Congregational, 11 Garden Street, Cambridge

Duo for Violin and Viola in B-flat major, K. 424
Oboe Quartet in F major, K. 370
Divertimento in E-flat major for String Trio, K. 563

Peggy Pearson, oboe
Ida Levin, violin
Marcus Thompson, viola
Rhonda Rider, cello

### Boston Modern Orchestra Project

**Boston ConNECtion**

2 tickets per MIT student ID

Saturday, January 17, 2009, at 8:00pm
Jordan Hall at New England Conservatory

Featuring work by New England Conservatory Composers: Kati Agocs, Peter Maxwell Davies, Michael Gandolfi, and John Heiss

Tickets available at the MIT Office of the Arts (E15-205)
Monday - Friday, 2 - 5:30pm in person, first-come, first-served only

http://web.mit.edu/arts/see/freetickets/index.html

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SPORTS

The Tech’s Athlete of the Week: Jimmy Bartolotta ’09

On Saturday, December 6, James M. “Jimmy” Bartolotta ’09 scored 31 points, leading the men’s basketball team to a 79-66 victory over the Tufts University Jumbos. This impressive performance put Bartolotta’s career total at MIT over 1,700 points, making him the first Institute basketball player to reach that mark. The previous record, which had stood unchallenged for 32 years, was held by Campbell Lange ’76, who finished his career at MIT with 1,699 points.

Bartolotta has been having a streak of successful games, Saturday’s match-up with Tufts marked the fourteenth 30-point game of his career, and the fourth this season. His previous three 30-point games this year came back-to-back against Curry College, Suffolk University, and Salem State College. Additionally, Bartolotta has now netted at least 12 points in 38 consecutive games, an impressive streak that dates back to his sophomore year.

In the Engineers’ game against Curry on November 25, Bartolotta scored 43 points to set another Institute record for points scored in a single game. That record had stood for 46 years, having been set by David H. Koch ’62 against Middlebury College. Koch is of course better known for his presence on the MIT corporation and as the principal donor to the David H. Koch Institute for Integrative Cancer Research. —Aaron Sampson, Sports Editor

Men’s Ice Hockey Defeats Westfield State in Shootout

Three weeks after the teams skated to a 3-3 tie, MIT and Westfield State again needed extra time with the Engineers prevailing, 5-4, Friday night. Three regulation periods and one overtime could not break the 4-4 tie and the teams headed to a shootout. Dustin P. Kendrick ’10 was the only player to score in the shootout, securing the win for MIT.

The Engineers captured the lead courtesy of three unanswered goals in the first nine minutes of the third period. Nick R. LaBounty ’09 (from Ryan W. Ballentine ’09) scored first, with Kevin M. Farino ’10 adding his second goal with 13:50 left in regulation with help from LaBounty and Michael C. Kozlowski G. Jeremy D. Myers G gave MIT its first lead of the game just 1:05 later, hooking up with Kendrick and Kozlowski.

Myers’ goal appeared to be enough to secure the win for the Engineers until Joshua Almedia tied the game at four with 6:40 to go. Neither team was able to break through in the overtime period and the teams headed to a shootout.

Each team was denied in the first three attempts, as goaltenders Stephen L. Yahmons ’11 and Dyland Wood stood tall. Kendrick finally broke through on the fourth penalty shot to give MIT the win.

—Greg McKeever, DAPER Staff

Women’s Basketball Rallies Past Bay Path, 50-43

A key 11-2 spurt that spanned seven minutes in the second half helped propel the MIT women’s basketball team to a 50-43 victory over Bay Path College on Saturday. Cheryl M. Kwinn ’09 posted 13 points, 11 rebounds, and four steals for the Engineers.

Bay Path gradually established an 11-6 lead midway through the opening half before MIT fought back to even the contest at 12 on a jumper by Kwinn. The Wildcats notched 11 unanswered points for a 23-12 advantage with 29 seconds on the clock. With four seconds left, Kwinn hit the front-end of her free throws as Kristen E. Whaley ’11 gathered the offensive board and scored a layup to cut the deficit to 23-15 at the break.

The Engineers opened the second stanza with 10 straight points, including a pair of layups by Emily A. Prentice ’11 that put MIT ahead by two (25-23) at the 14:23 mark. Three ties ensued before a free throw from Jessica Hunt gave Bay Path a 29-27 edge. The Engineers responded by scoring 11 of the next 13 points, capped by a three-pointer from Jamie L. Simmons ’12 with 3:50 left to play. The Wildcats narrowed the gap to six on three occasions, but four free throws by Simmons coupled with a layup by Kwinn maintained MIT’s lead.

—James Kramer, DAPER Staff

Upcoming Home Events

Tuesday, Dec. 9, 2008
Men’s Basketball vs. Emerson College 7 p.m., Rockwell Cage

Saturday, Dec. 13, 2008
Pistol USA Shooting Junior Olympics 9 a.m., duPont Athletic Center

Saturday, Jan. 3, 2009
Women’s Basketball vs. Simmons College 1 p.m., Rockwell Cage

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Willard J. Johnson ’09 (center) and James M. Bartolotta ’09 fight for the rebound during the Engineers’ game against Tufts on Dec. 6. The two seniors led MIT to a win with a final score of 79-66.

Daniel E. Klenk ’09 swam the 200 yard butterfly at the MIT Invitational this past Saturday. The men’s team came in first out of seven teams, and the women’s team finished third.

Samir Zaidi ’09 stretches for a shot in MIT’s game against Tufts University on Dec. 6. Tufts won the match 6-3. MIT wins went to John Kucharczyk ’11, Robert Habib ’11, and Ned Carpenter CME ’10.