How vulnerable are nuclear research reactors to terrorist attacks? An ABC News investigative report that aired last night claimed that many university reactors, including MIT's, need to take stronger security measures to protect their uranium stocks. ABC's report, which wades into the highly technical and classified topic of nuclear reactor security, has encountered controversy over some of its claims. The report often elides important differences between the reactors that would influence the risk levels of certain attacks.

There are three major ways in which the uranium used by a reactor could play a role in a terrorist attack: theft for use in a weapon, a bomb detonated outside the reactor, and a bomb exploded near the reactor core.

In ABC's investigation they were able to park a large truck about 30 feet from MIT's reactor. However, that distance is not significantly less than the distance to Albany Street, and is still larger than the reactor's security perimeter, said Nuclear Reactor Laboratory Director David E. Monson PhD '75. Considering the broader context of terrorist attacks, MIT's reactor poses relatively little threat, said Police Chief John DiFava.

For example, he said, there is a 800-900 foot long liquid natural gas tanker that docks in Boston Harbor regularly. "I don't think anybody really knows what would happen if that hull would breach," he said, noting divergent studies that suggest the fuel may just burn or could result in a 3-mile radius explosion.

Regarding MIT's reactor, he said, "Is it a real risk — is it a perception issue, or is it just people who are hostile to nuclear power?"

The MIT reactor is used for research, and is still larger than the reactor's security perimeter, said Nuclear Reactor Laboratory Director David E. Monson PhD '75. Considering the broader context of terrorist attacks, MIT's reactor poses relatively little threat, said Police Chief John DiFava.

By Beckett W. Sterner

A study published in the journal Nature in late 2005 reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new spending initiative from MIT will commit $250,000 to building community in fraternities, sororities, and independent living groups — an effort with uncertain benefits, said Interfraternity Council President Christopher P. Child '06.

The new plan, called the Recruitment and Retention Initiative, is intended to help FSLG members become more financially self-sufficient. It will allocate money for workshops and grants designed to educate FSLG members, develop chapters, and strengthen alumni community relations.

Stephen D. Immerman, senior associate dean for student life, said he did not know exactly how the $250,000 RRI figure was determined, but that most likely it was calculated by taking the fixed cost per person, $5,000, and multiplying it by the number of beds open, then subtracting savings from the FSLILGs cooperative and various grants.

"We want to focus on how we can enhance a chapter's ability to be competitive instead of just pay for empty beds," said Stephen D. Immerman, senior associate dean of student life, this summer. Unlike its predecessor, the Financial Transition Plan, RRI funds will not be directed directly to houses. Instead, chapters can apply for hard-ship grants funded within the RRI allocation if they have made efforts to improve their financial situation but continue to struggle, said David N. Rogers, director of FSLILGs.

A student operator, whose name MIT refused to release citing security reasons, sits at the control board for MIT's nuclear reactor. The operator, who is responsible for the reactor's operation, said he was not aware of any security issues.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.

By Beckett W. Sterner

A new study has found that the probability of a nuclear reactor being attacked by a terrorist is very low, with the probability of an attack on a reactor being less than one in a million.

The study, published in the journal Nature in late 2005, reviewed the potential risk of terrorist attacks on the nation's nuclear reactors. The study concluded that the risk of a nuclear explosion from a terrorist attack is low, and that the reactors are well protected by security measures.

The study examined 160 reactors in the United States and found that the likelihood of a terrorist attack on a reactor was very low, with the probability of an attack on a reactor being less than one in a million.

The study also examined the potential consequences of a nuclear explosion and found that the economic and environmental costs of a nuclear explosion would be significant, but that the risk of a nuclear explosion was low.
Chechenyan Insurgents Attack Police in Coordinated Strike

By C.J. Chivers

The New York Times

Islamic insurgents attacked at least nine police and security build-
ings on Thursday in the southern Russian city of in coordinated daylight raids, witnesses and the author-
ities said, following Russia’s battles within its own support of the region, creating a situation where the Russian official’s said at least 85 people died, most of them insurgents.

One band of the masked gunmen overpowered a police station and captured hostages, including po-
lice officers, and held them into the night. The authorities said they had entered negotiations to try to get the hostages free. Two gun shops were also attacked.

Russian officials cautioned that the military operation was continu-
ing and the death toll could rise. According to initial tallies, 12 police officers and 12 civilians were among those killed.

There were also signs of a planned Russian sweep of areas suspected to hold more gunmen, as a senior government official announced that President Vladimir V. Putin had told the authorities to block the routes in and out of the city, and ordered the destruction of any insurgents who resist. A local radio station called on residents to stay in their homes.

“The president has ordered us to keep every militant within Nalchik and to eliminate any armed person resisting détente,” said First Depu-
ty Interior Minister Alexander Chukalt-
in, who ordered the police and military to fulfill its.

Armed vehicles and a heavy presence of Russian troops set up checkpoints. The city, which was almost fully under the authorities’ control by late afternoon, fell mostly quiet at night.

The attacks, in Russia’s Caucasus region, took place in a city that had remained free until now of the worst violence that has stalked southwestern Russia since began in nearby Chechnya in 1994, and cast fresh doubts on the Kremlin’s insistence that the region has been stabilizing and returning to its control. Violence this year had already flared anew in Dagastan, where insurgents have been killing police officers and sol-
diers with near regularity and last year guerrillas and terrorists con-
ducted large operations in the nearby republics of Ingushetia and North Os-
etia, where 371 people were killed in the school siege in Beslan.

The fresh attacks sent ripples through the tropics. The president of the Kremlin-dominated government in Chechnya announced that his local forces had been put on alert, as did leaders in Ingushetia. Ramzan Kady-
tov, the leader of an irregular force of former Chechens guerrillas that is not publicly loyal to Moscow, offered to send his fighters to Nalchik’s aid.

Nalchik itself, a city of about 275,000, is the capital of the inter-
national Russian republic of Kabardino-
Balkaria, crowded with reinforce-
ments, including special Russian army units. Late on Thursday night convoys of trucks carrying soldiers and an armored personnel carrier were also visible on the roads north of the city heading toward it. Although it was not immediately evident who was responsible for the attacks, a Web site that often carries messages from Chechen terrorist Shamil Ba-
gayev, who planned the school siege in Beslan, said the attackers were Is-

Chechnyan fighters aligned with Chechen separatists.

Pentagon Says Iraqi Forces Are Improving, But Still Can’t Fight

By David S. Cloud and Eric Schmitt

The New York Times

Iraqi security forces are growing steadily more capable, a Pentagon report made public on Thursday said. But senior American officials say the Iraqis remain at least a year away from being able to take over pri-
mary responsibility from American troops for fighting the insurgency.

The report, a quarterly assessment required by Congress of the ca-
pabilities of the Iraqi armed forces and police, concludes that there has been “steady progress” toward getting Iraqi forces “to undertake counterinsurgency operations with minimal direct support” from American forces.

But a senior American officer in Iraq, while acknowledging that cooperation in combat is improving, said that other shortcomings pre-
vented the Iraqis from operating with the help of American troops.

“Our assessment is that the Iraqi Army will not be ready for autono-
mous operations for at least another year,” said the officer, speaking on con-
dition of anonymity because his views are less optimistic than those of his superiors. “We are very, very effective in combined opera-
tions, but that is because we can compensate for their lack of capability in critical areas and provide them with leadership, mobile protected firepower, command and control and logistics that are lacking in their formations and still under development.”

U.S. Trade Deficit Continues to Grow

By Viiva Bajaj

The New York Times

The nation’s trade deficit worsened in August, but remains a threat to the U.S. economy’s growth. The deficit in August was $59 billion in August, up 1 percent from July, with the growth largely driven by lower oil prices and a surge in energy imports.

The country’s trade deficit worsened in August, but remains a threat to the U.S. economy’s growth. The deficit in August typically is the cost of the oil and natural gas and other energy products pumped into the United States.

The trade deficit in August was $59 billion in August, up 1 percent from July, with the growth largely driven by lower oil prices and a surge in energy imports.

The nation’s trade deficit in August, but remains a threat to the U.S. economy’s growth. The deficit in August typically is the cost of the oil and natural gas and other energy products pumped into the United States.

The trade deficit in August was $59 billion in August, up 1 percent from July, with the growth largely driven by lower oil prices and a surge in energy imports.

The nation’s trade deficit in August, but remains a threat to the U.S. economy’s growth. The deficit in August typically is the cost of the oil and natural gas and other energy products pumped into the United States.

The trade deficit in August was $59 billion in August, up 1 percent from July, with the growth largely driven by lower oil prices and a surge in energy imports.
Firms to Close for Lack of Cash

Drop by the Thousands From Disease if not hundreds of millions of animal next stop for the virus would probably in the U.N. Food and Agriculture Organization definitely the H5N1 virus," said Dr. James Jutzi, who is the head of the United Nations' Food and Agriculture Organization. "We can now say that it was more likely than not that this virus will become a pandemic."

If the virus were to become a pandemic, it could have devastating effects on the global economy. "The virus could potentially cause up to 1 million deaths and cause up to $500 billion in economic losses," said Dr. Jutzi. "This is a very serious situation that we must address as a global community."

Many businesses are already feeling the effects of the pandemic. "We have seen a sharp decline in sales, and our profits have taken a hit," said a spokesperson for a small business. "We are doing everything we can to weather this storm, but it is clear that we will need government assistance to survive."
Learning How To Drink
Not As Easy As You Might Think

Aditya Kohli

Seven-year-old Tommy has dreams of becoming a pilot. There are two ways he can achieve this goal. He could go to flight school and learn from a professional, or he could teach himself through experimentation. The former is the prudent choice. Imagine what a seven-year-old child would do with an airplane, a curious mind, and no formal training. Now, imagine what an 18-year-old college freshman would do with an abundant supply of alcohol, peer pressure, and no prior drinking experience.

There have been nine alcohol-related incidents on campus involving the MIT Police since Sept. 1, the majority involving freshmen. Alcohol use on campus is no small matter, as it is not just a新鲜man feeling nauseous because he had one too many. The authorities are involved for a reason. These events reveal a serious glitch in MIT’s alcohol policies — they are muted and misdirected.

It is too easy to place the burden of excessive drinking on the backs of the freshmen, and it must therefore feel established that the heavy-hearted drinking is in fact not taking place at fraternities, but rather, in dorms. The majority of freshman alcohol abuse this year took place during Orientation — a time when fraternities were fielding questions and prohibited freshmen from entering.

Logic follows fact. In a dorm, a group of freshmen will drink together. Many upperclassmen leave the dorms to drink, for many can go to bars and have friends at fraternities. Because all freshmen live in dorms, they drink in dorms. Especially early on in the semester, there are no other options for freshmen. Conversely, in a fraternity house, a group of both upperclassmen and freshmen will drink together. Freshmen will often live in the house, so they would not be there alone. While there is no shortage of alcohol consumed at the fraternity, freshmen are surrounded by experience.

Unlike other activities (such as flying), drinking is not best learned from the prior experience; freshmen need direction. “How much is too much?” is often a question without an answer for freshmen. A group of inexperienced drinkers putting away shots is not the best scenario. The solution is not a naive and punitive measure to stop underaged drinking on campus, for the inevitable cannot be stopped.

MIT understands this notion and has implemented an alcohol awareness program solely for affiliated freshman males. However, since

Right to Privacy?

The media attention surrounding the Supreme Court nominees has found the phrase “right to privacy” thrown around a lot. But what is this “right to privacy”? According to Richard Glenn, author of “The Right to Privacy,” it is “the right of the individual to be free from unwanted and unwarranted government surveillance in matters affecting fundamental rights.”

In the 1973 case of Roe v. Wade, the justices applied this reasoning to deny the state the ability to limit abortion. Yet this right is only applicable if there is no third-party who can also claim to have any but his or her rights protected. The justices in this decision acknowledged this and said that since there was a “wide divergence of thinking” on the issue of when life began, they would not decide the matter. Now, imagine what a seven-year-old child would do with an airplane, a curious mind, and no formal training. The former is the prudent choice. Imagine what a seven-year-old child would do with an airplane, a curious mind, and no formal training.

But consider for a moment the statement — I don’t mean to imply that MIT must become a liberal arts college. That would be unfathomable and highly unlikely. But Harvard’s decision the other day stating that MIT can somehow change its philosophy slightly, so that it creates not only raw talent but also sharp, informed, cultured students, I believe that we can take over the world. Or in other words, we can become the new MIT.

I know that my last sentence is scandalous. But I don’t want to see drinking on the backs of the fraternities, and it may direct the way you think about the future of MIT. Why am I here? I was discouraged from every publication.

The Tech reserves the right to edit or condense letters, shorter letters will be given higher priority. Once submitted, all letters become property of The Tech, and will not be returned. The Tech makes no warranties or guarantees on the correctness of the letters received. Guest columns are opinion articles submitted by members of the MIT local community and have the author’s name in italics. Columns without italics are written by Tech staff.

Letters To The Editor

Editorials

The editors of The Tech are responsible for the editorial content of the newspaper. They are the official opinion of The Tech, and every editorial is signed by a member of the editorial board.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily the opinion of The Tech. If a letter is signed, it should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to The Tech, PO Box 720729, Cambridge, MA 02139-7229, or sent by interdepartmental mail to Room W20- 483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must be signed by the authors, signatures, addresses, and phone numbers. Unsigned letters will not be accepted.

Preprints made possible by funding from the National Center for Research Resources, National Institutes of Health, grant number 5P20RR16458-12. Full text of this article is available online at http://the-tech.mit.edu and is protected by copyright laws. The text may be downloaded for personal, non-commercial use. Access to the full-text of all articles published in The Tech is available to subscribing members of the MIT community, alumni, and friends of the newspaper. The Tech does not assume responsibility for the accuracy, or copyrighted work. Permission for reuse must be obtained from the owner of copyrighted material. To request permission to reproduce The Tech content, send a request to reprints@thesystem.mit.edu.


**Distractibility, part one**

**By Natal Vyas**

In his 2005 Inaugural Address, President Bush said, "All who live in tyranny and hopelessness? can know: the United States will not

...
**Trio**

Character profiles: ALUM.MIT.EDU/WWW/EMIE

- Oh, this is wonderful. The number of women watching Oprah in my apartment has doubled.
- Well, UNLIKE you too, I actually live here! Therefore, I should have more say on what will or will NOT be watched on MY television!
- Well, technically, Bobby lives here, too. So, he gets as much say as you do. What'll it be, Bobby? Oprah in the hizzy.

**One Screw Loose**

by Josie Sung

**Moons of Uranus**

by Juan Pablo Mendieta

**Fvcked**

finally, there is an invisible f inscribed on the shank...

we will now demonstrate proper use of your brass rat.

to symbolize that you have just been fvcked!

**Go!**

Φ! θ!
Fill in the grid so that every column, row, and 3 by 3 grid contain exactly one of each of the digits 1 through 9.
Solution on page 21.
Murakami Delights Large Audience in Rare Reading

LITERATURE READING

Murakami Delights Large Audience in Rare Reading

By Benjamin P. Gleitzman

CULTURAL EVENT

Night Market a Festive Foray Into Asian Culture

Several Student Groups Provide A Night of Affordable Fun

Pho Pasteur

Pho Pasteur, a local Vietnamese chain with branches in Harvard Square, Chinatown, Allston, Chestnut Hill, and Newbury Street. As the name suggests, they specialize in pho, or Vietnamese noodle soup, with beef, chicken, vegetable, and seafood varieties. The soups are simple and fresh, and they come with a side plate of crisp bean sprouts, mint, and lime. The sizes range from small (a meal in itself) to extra-large (bracing some friends) and are a real bargain at $4.50-$7 (depending on the soup and restaurant location).

Equally popular are the Goi Cuon ($3.50-$4), or fresh summer rolls, which consist of shrimp and/or pork (vegetarian ones are also available), vermicelli (or rice noodles), lettuce, and mint wrapped in rice paper and served with peanut sauce. I’ve been eating these three for years now, and I’m never disappointed. The Goi Cuon come with a sauce that is unexpectedly good, and the rice paper is thin and tender. If you are not in the mood for soup, I would recommend their Pad Thai ($8). You might not expect a Vietnamese restaurant to serve good pad Thai, but Pho Pasteur’s is amazing. One of the large portions of vermicelli with onions and oil, and the sauce is flavorful and well-balanced. For $11, you get a side of fresh, crispy, and crunchy bean sprouts.

If you are interested in trying Vietnamese food, I would recommend visiting Pho Pasteur. The food is delicious, and the staff is friendly and welcoming. Whether you are looking for a quick lunch or a more relaxed dinner, Pho Pasteur has something for everyone.
FILM REVIEW ★★★

In Her Shoes
Directed by Curtis Hanson
Based on the novel by Jennifer Weiner
Screenplay by Susannah Grant
Starring Cameron Diaz, Toni Collette, Shirley MacLaine, Mark Feuerstein, Brooke Smith, Raul Esparza

It’s a recipe for “that chick flick” race to make girlfriends cry and boyfriends speak the title in that slightly condescending tone of voice. “In Her Shoes” shows in a mix of stellar acting, subtle and sophisticated character development, creative cinematography, and a few critical plot twists to take the movie from mediocre chick flick to a heart-warming tale of human relationships.

Maggie (Cameron Diaz) is saucy, fiery, and sarcastic, willing to let her looks pay her way through life. Her sister Rose (Toni Collette) is a self-conscious workaholic who tries to be responsible enough for both herself and Maggie. Maggie’s disarray for Maggie’s disorder of roses with being a lawyer, and the already fragile faceto-face off inevitably leads to a faisceau with the same ingredients.

The fall out puts Maggie to visit a grandmother she had thought was long dead, and both sisters try to recover the missing pieces of their lives without each other. Both women are faced with character development through their relationships with others, Rose learns to have a little fun, while Maggie learns to find meaning in life. The story is punctuated by poignant scenes, such as Maggie reading a poem for a blind retired professor, and moments of absurdity, such as Rose waiving a kitchen knife at her stepmother in a moment of frustration. When the two sisters finally find each other again and come to terms with their different personalities, they both realize that it’s their sisterly love for each other and learning to grow outside each other’s shadows.

Through their rough times, Maggie and Rose take the audience with them as they discover the truth behind their mother’s death, the reasons for the lack of contact with their grandmother, and the undeniable fact that everyone has his own demons to battle, even those who seem to skip across the surface of their lives.

As might be expected, shoes play both a cinematic and cinematographic part in this movie. Rose owns a massive collection of shoes that any girl watching would die for, and yet she never wears them. Maggie finally takes the one to take these fabulous shoes into the world, tells Rose that such shoes shouldn’t be hid, at the closest thing to a life of scandal.”

When asked why she buys shoes she never wears, Maggie says, “I think you must not look good on her, or that may not be healthy, shoes always fit; they never let her down.” The two sisters both enjoy each other and see that the other is feeling it. Isn’t until they learn to step into each other’s shoes and understand their relationshio from the other’s perspective that they can truly appreciate their sisterhood.

Cameron Diaz plays Maggie with a delightful mix of panache and subtle inner insecurity, while Toni Collette brings to Rose a dry sense of irony and cynicism, throwing in several moments of physical comedy that are truly memorable. A stellar supporting cast helps to create this believable sisterly universe, including Shirley MacLaine as Ella, their strong-willed and somewhat crotchety grandmother, and Cameron Diaz plays Maggie with a delightful mix of panache and subtle inner insecurity, while Toni Collette brings to Rose a dry sense of irony and cynicism, throwing in several moments of physical comedy that are truly memorable. The two sisters discover a unique relationship among their many differences in “In Her Shoes.”

**EGG DONORS NEEDED**
$20,000 (PLUS ALL EXPENSES)
We are seeking women who are attractive, under the age of 29, non-smoker, SAT 1300+, physically fit and maintaining a healthy lifestyle. If you have a desire to help an infertile family and would like more information please contact us:

Email: darlene@aperfectmatch.com
www.aperfectmatch.com 1-800-264-8828

**Musical Overinterpretation**
Andras Schiff Delivers a Sparkling Haydn, Meditative Beethoven
By Bogdan Fedele

Last Friday, pianist and piano music lovers alike had the opportunity to hear Andras Schiff, one of the star pianists of his generation, in a recital offered by the Bank of America Celebrity Series. The Hungarian pianist delivered a recital alternating Haydn pieces (“Capriccio in G Major”), “Sonata No. 33 in E minor”, “Variations on ‘La Cuccagna’” with Beethoven “Sonata Op. 31 No. 1 in G Major” and “Sonata Op. 53 in C Major” (“Waldstein”), topped with two Schubert encores. Schiff’s characteristic and ethereal tone yielded a sparkling mix with Haydn’s music but didn’t work nearly as well with Beethoven’s sonatas, which sounded constricted and static. Nevertheless, the encore sequence was Rohingya redeeming, showing that romantic music best suits Schiff’s style of playing, or perhaps that his Beethoven remains an acquired taste.

Andras Schiff’s works for piano are vast, his writings only occasionally make their way into piano recital programs, as pianists usually favor Haydn’s more famous classical colleagues and pupils. Mozart and Beethoven. Yet Haydn’s musical world, especially when it comes to writing for strings, the composer himself was not a renowned virtuoso) is quite distinct — witty, unexpected, and ethereal. Haydn’s music but didn’t work nearly as well with Beethoven’s sonatas, which sounded constricted and static. Nevertheless, the encore sequence was Rohingya redeeming, showing that romantic music best suits Schiff’s style of playing, or perhaps that his Beethoven remains an acquired taste.

Still, the low point of the program came with the most anticipated piece, Beethoven’s “Waldstein” sonata. Schiff suddenly switched to the highest gear, delivering a breathtakingly fast, super-stylistic rendition in which even fermatas were rushed. And since fast playing comes with technical difficulties, everything was smashed in torrents of pedaling, even more than Beethoven’s controversial indications in the Rondo. Articulation had little clarity, the dynamics were unusual, and the notes indicated effect and the interrupted trills in the third movement were definitely not pretty. Ultimately, the performance started sounding like an amateur student recital.

My impression was that Schiff tried to present a stripped-dow version of “Waldstein,” highlighting the main material and airbrushing the details; to me, this interpretation was ineffective. Beethoven’s “Waldstein” is all about integrity and details. The main themes are too prominent to need more emphasis; it is the small changes that carry the struggle of the piece.

Nevertheless, the audience received the performance enthusiastically, applauding fran- tically while the somewhat disgruntled Schiff moved on and off stage several times. Schiff’s discomfort was probably not because of self-critical thoughts but rather because of the audience’s inconstant pesky coughing that had elicited signed dis- comfort even while he was playing. Curiously, older people (and with the most respiratory problems) form the majority of the attendees at clas- sical music recitals.

**Star pianist Andras Schiff boasts fantastic technique, but his interpretation of Beethoven’s “Waldstein” Sonata disappoints.**
**By Natania Antler**

Elizabethtown

Starring: Orlando Bloom, Kirsten Dunst
Written and Directed by Cameron Crowe
Paramount Pictures
Rat in a Maze

Drew (Orlando Bloom) and Claire (Kirsten Dunst) share an unexpected bond in the charming new movie, "Elizabethtown." The performances I found most lacking in the first movie where audiences have not seen him carry a sword. I found that the script tried to make Claire into an Amelie-like character and didn’t quite succeed, making Dunst’s performance the best.

This movie is rare because it is neither a straight romantic comedy, nor a very serious romantic comedy, but at times it drag, moving too slowly for comfort. The movie seems real, but like real life, it has its awkward moments and boring bits. "Elizabethtown" is a charming new movie, and make sure to not miss Route 60B!

Talking With Director Cameron Crowe

Man Behind ‘Jerry Maguire’ and ‘Vanilla Sky’ Discusses Latest Film ‘Elizabethtown’

**By Natania Antler**

Cameron Crowe is director of the newly-released "Elizabethtown." He previously directed "Jerry Maguire," "Almost Famous," and "Vanilla Sky." He was interviewed in a phone call with The Tech and other newspapers.

I heard that Billy Wilder influenced the idea for the genesis of the film, and it also came out of you dealing with your father’s passing away. I was wondering how much both of these played into the genesis of the film.

Well, the latter really was the original inspiration. I was traveling through Kentucky, and I had not been back there since my own father’s funeral years earlier, and so the whole kind of elixir of Kentucky and that feeling is in the air there and remembering my dad in a state that was so much a part of my family’s history. That really was the inspiration. Billy Wilder is a real charm of a film... and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I was really knocked flat by the power of that site, and what got me most of all was the strength and the repetition of the words “I’m taking the big step.” And right about that time, we did the crying scene, too, and I felt like [Orlando’s] character was just in his soul at that point, and he was able to kind of stay in that groove for the rest of the movie and feel raw enough emotionally to tell the rest of the story in the perfect way, so I was very happy that we actually ended up doing that earlier rather than later.

At a point when Oklahoma City was still in mourning, it seemed really universal because that happens a lot where people expect you to cry but you cannot. So I was curious if you shot in an unfeigned form?

Well, I finished a cut that was accepted and I... into the unfeigned form.

Why did you pick the bombing memorial as one of the landmarks that Drew visits in the movie?

Well, I visited the memorial because I was passing through Oklahoma City and was really taken aback at how powerful the memorial was, so I made a trip to the Oklahoma City bombing memorial. It was real, but like real life, it has its awkward moments and boring bits. “Elizabethtown” is a charming new movie, and make sure to not miss Route 60B!

Talking With Director Cameron Crowe

Man Behind ‘Jerry Maguire’ and ‘Vanilla Sky’ Discusses Latest Film ‘Elizabethtown’

By Natania Antler

Cameron Crowe is director of the newly-released “Elizabethtown.” He previously directed “Jerry Maguire,” “Almost Famous,” and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I heard that Billy Wilder influenced the idea for the genesis of the film, and it also came out of you dealing with your father’s passing away. I was wondering how much both of these played into the genesis of the film.

Well, the latter really was the original inspiration. I was traveling through Kentucky, and I had not been back there since my own father’s funeral years earlier, and so the whole kind of elixir of Kentucky and that feeling is in the air there and remembering my dad in a state that was so much a part of my family’s history. That really was the inspiration. Billy Wilder is a real charm of a film... and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I was really knocked flat by the power of that site, and what got me most of all was the strength and the repetition of the words “I’m taking the big step.” And right about that time, we did the crying scene, too, and I felt like [Orlando’s] character was just in his soul at that point, and he was able to kind of stay in that groove for the rest of the movie and feel raw enough emotionally to tell the rest of the story in the perfect way, so I was very happy that we actually ended up doing that earlier rather than later.

At a point when Oklahoma City was still in mourning, it seemed really universal because that happens a lot where people expect you to cry but you cannot. So I was curious if you shot in an unfeigned form?

Well, I finished a cut that was accepted and I... into the unfeigned form.

Why did you pick the bombing memorial as one of the landmarks that Drew visits in the movie?

Well, I visited the memorial because I was passing through Oklahoma City and was really taken aback at how powerful the memorial was, so I made a trip to the Oklahoma City bombing memorial. It was real, but like real life, it has its awkward moments and boring bits. “Elizabethtown” is a charming new movie, and make sure to not miss Route 60B!

Talking With Director Cameron Crowe

Man Behind ‘Jerry Maguire’ and ‘Vanilla Sky’ Discusses Latest Film ‘Elizabethtown’

By Natania Antler

Cameron Crowe is director of the newly-released “Elizabethtown.” He previously directed “Jerry Maguire,” “Almost Famous,” and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I heard that Billy Wilder influenced the idea for the genesis of the film, and it also came out of you dealing with your father’s passing away. I was wondering how much both of these played into the genesis of the film.

Well, the latter really was the original inspiration. I was traveling through Kentucky, and I had not been back there since my own father’s funeral years earlier, and so the whole kind of elixir of Kentucky and that feeling is in the air there and remembering my dad in a state that was so much a part of my family’s history. That really was the inspiration. Billy Wilder is a real charm of a film... and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I was really knocked flat by the power of that site, and what got me most of all was the strength and the repetition of the words “I’m taking the big step.” And right about that time, we did the crying scene, too, and I felt like [Orlando’s] character was just in his soul at that point, and he was able to kind of stay in that groove for the rest of the movie and feel raw enough emotionally to tell the rest of the story in the perfect way, so I was very happy that we actually ended up doing that earlier rather than later.

At a point when Oklahoma City was still in mourning, it seemed really universal because that happens a lot where people expect you to cry but you cannot. So I was curious if you shot in an unfeigned form?

Well, I finished a cut that was accepted and I... into the unfeigned form.

Why did you pick the bombing memorial as one of the landmarks that Drew visits in the movie?

Well, I visited the memorial because I was passing through Oklahoma City and was really taken aback at how powerful the memorial was, so I made a trip to the Oklahoma City bombing memorial. It was real, but like real life, it has its awkward moments and boring bits. “Elizabethtown” is a charming new movie, and make sure to not miss Route 60B!

Talking With Director Cameron Crowe

Man Behind ‘Jerry Maguire’ and ‘Vanilla Sky’ Discusses Latest Film ‘Elizabethtown’

By Natania Antler

Cameron Crowe is director of the newly-released “Elizabethtown.” He previously directed “Jerry Maguire,” “Almost Famous,” and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I heard that Billy Wilder influenced the idea for the genesis of the film, and it also came out of you dealing with your father’s passing away. I was wondering how much both of these played into the genesis of the film.

Well, the latter really was the original inspiration. I was traveling through Kentucky, and I had not been back there since my own father’s funeral years earlier, and so the whole kind of elixir of Kentucky and that feeling is in the air there and remembering my dad in a state that was so much a part of my family’s history. That really was the inspiration. Billy Wilder is a real charm of a film... and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I was really knocked flat by the power of that site, and what got me most of all was the strength and the repetition of the words “I’m taking the big step.” And right about that time, we did the crying scene, too, and I felt like [Orlando’s] character was just in his soul at that point, and he was able to kind of stay in that groove for the rest of the movie and feel raw enough emotionally to tell the rest of the story in the perfect way, so I was very happy that we actually ended up doing that earlier rather than later.

At a point when Oklahoma City was still in mourning, it seemed really universal because that happens a lot where people expect you to cry but you cannot. So I was curious if you shot in an unfeigned form?

Well, I finished a cut that was accepted and I... into the unfeigned form.

Why did you pick the bombing memorial as one of the landmarks that Drew visits in the movie?

Well, I visited the memorial because I was passing through Oklahoma City and was really taken aback at how powerful the memorial was, so I made a trip to the Oklahoma City bombing memorial. It was real, but like real life, it has its awkward moments and boring bits. “Elizabethtown” is a charming new movie, and make sure to not miss Route 60B!

Talking With Director Cameron Crowe

Man Behind ‘Jerry Maguire’ and ‘Vanilla Sky’ Discusses Latest Film ‘Elizabethtown’

By Natania Antler

Cameron Crowe is director of the newly-released “Elizabethtown.” He previously directed “Jerry Maguire,” “Almost Famous,” and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I heard that Billy Wilder influenced the idea for the genesis of the film, and it also came out of you dealing with your father’s passing away. I was wondering how much both of these played into the genesis of the film.

Well, the latter really was the original inspiration. I was traveling through Kentucky, and I had not been back there since my own father’s funeral years earlier, and so the whole kind of elixir of Kentucky and that feeling is in the air there and remembering my dad in a state that was so much a part of my family’s history. That really was the inspiration. Billy Wilder is a real charm of a film... and “Vanilla Sky.” He was interviewed in a phone call with The Tech and other newspapers.

I was really knocked flat by the power of that site, and what got me most of all was the strength and the repetition of the words “I’m taking the big step.” And right about that time, we did the crying scene, too, and I felt like [Orlando’s] character was just in his soul at that point, and he was able to kind of stay in that groove for the rest of the movie and feel raw enough emotionally to tell the rest of the story in the perfect way, so I was very happy that we actually ended up doing that earlier rather than later.


**Domino’s**

By Danboe Kim

Domino

Directed by Tony Scott

Screenplay by Tony Scott, Richard Kelly

Directed by Tony Scott

November 1, 2005

**★ ★ ★**

Yong-yi Zhu

Mr. Scott’s Hollywood directed a woman who had history, but not so wonderful to think about. (Yong-yi Zhu)

**The 40-Year Old Virgin**

Andy Stitzer (Steve Carell) is the middle-aged, unmarried, sexually inexperienced office worker who finally hits on the idea of selling his virginity.

**★★★**

Kapil Amarnath

Humor, adventure, and a few unexpected twists make for an entertaining film. (Kapil Amarnath)

**★★**

On October 14, 2005

**Screen**

By the Tech Arts Staff

**ARTS**

Not-So-Faithful Biography Nonetheless Hunts Audiences’ Attention

**★★**

Beauvoir’s story, as told by those who know her, has the simplicity of a fairy tale. But the reality of her career as an activist and writer is far from the fairy tale. (Beauvoir’s story, as told by those who know her)

**★★★★**

Kevin Der

Two for the Money

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der

Kevin Der
Royal Bengal
Boston’s only authentic Bengali Cuisine restaurant
313 Mass. Ave., Cambridge
(617) 491-1988
T: Red Line, Bus #1 – Central Square

Open Daily Except Monday
11:30 am – 11:30 pm
Lunch Buffet $6.95
Reasonably Priced Dinners

Unique Bengal fish dishes include:
Paabdamaachher jhol, Ruimaachher kalia, Moehargauto, Shorshe Ilish

Take-out, platters, and catering available. Delivery with minimum order.
10% Discount on $30 (or more) order with MIT ID.
The Sim, Hye-Kyung Dance Company, based in New York, brought a host of musicians and dancers to perform at the Korean Culture Show, held last Sunday, Oct. 9 in Kresge Auditorium.

(This page, clockwise from top)
Daeseok Jeong, Joo Yun, Nara Seol, and Solip Kim play traditional Korean instruments in a performance entitled “Pangut.”
A dancer shows off her elaborate costume during a Mu Yong dance called “Chongryn Flower.”
A dancer poses during a Mu Yong performance called “Scent of Korean Woman.”
Four dancers pose during “Scent of Korean Woman.”
Two dancers perform a sword dance entitled “Sin-Jong-Dae-Up-Ji-Moo.”

(Opposite page, clockwise from top right)
A group of dancers form a circle during a performance simply called “The Fan Dance.”
A musician shouts while playing a Jang-Go drum during a performance called “Sound of Jang-Go.”
Another musician plays a gong for a performance entitled “Korea’s Samulnori.”
A dancer poses during “The Fan Dance.”

Photography by Omari Stephens
Nightmarket Celebrates Asian Culture

Nightmarket, a festival of Asian cultures, was organized by the Chinese Students Club and was held in Lobdell Food Court on Friday, Oct. 7. Clockwise from top left:

Gloria C. Chao '08 performs a Chinese dance with ribbons.
A henna artist draws patterns and designs onto Night Market visitors.
Bao H. Truong '07 takes a break from serving Vietnamese food to eat.
Gloria C. Chao '08 and Jason Pan of Dance Revelasian put on a performance.
Jessica K. Lee '08 tries her hand at the Chinese Yo-Yo.

Photography by Christina Kang
MIT Refutes ABC Reactor Safety Claims.

Reactors, from Page 1

cial and nuclear power research, said
Vice President for Research Alice F
Gast. Nuclear power is likely to play an
increasingly important role in America’s energy supply as gas re-
duces and fuel prices rise, as stated by a report on nuclear power
released by MIT in 2003.

Down and with difficulty
MIT’s reactor runs on highly
enriched uranium (HEU), a pos-
able ingredient for nuclear weapons.
The fuel can also be used in “dirty bombs” that disseminate vaporized
harmful radioactive material over a large area.

Most research reactors have
converted to low enriched uranium (LEU) in a slow process funded by
the Department of Energy, and MIT
will follow suit when the DOE pro-
vides funding, Gast said. LEU fuel
must undergo a complex reaction to
be turned into weapons-grade ma-
terial, but can still be used in dirty
bombs.

Attacking a nuclear reactor is
not as simple as blowing it up or walk-
ing in with guns blazing, however.
MIT’s reactor is shielded by many
layers of metal and concrete, making it difficult for an external explosion
to vaporize the radioactive material inside. ABC’s report raises questions
over what security measures are
needed to deter attacks and also over what scenarios pose a signifi-
cant danger.

The Nuclear Regulatory Com-
mission, which oversees security requirements at research reactors,
is examining the evidence provided by
ABC to see whether further action
needs to be taken at any facility, said
Elliot Brenner, director of the NRC
Office of Public Affairs.

“Nothing about the access or tour
has been criticized by ABC,” Monc-
ton said, referring to the undercover
tour taken by two ABC journalists.
MIT has more security mea-
sures in place than many reactors, and
ABC found that MIT’s reactor was
one of only two with armed
guards.

ABC Media Relations spokes-
person Adam Pickeros did not respond
to questions submitted on the story
yesterday.

ABC reports weak security
The report relied on information
during which journalism intern
traveled to the 25 reactors on college


camps across the country. ABC
reported finding “unattended guard
booths, a guard who appeared to be
dude, unlocked building doors and,
in a number of cases, guided tours
that provided easy access to control
rooms and reactor pools that hold ra-
dioactive fuel.”

The story also highlighted the is-
sue that “many of the schools permit
vehicles in close proximity to the
reactor buildings without inspection
for explosives.”

Whether or not an external explo-
sion could release radioactive mate-
rinal into the atmosphere depends on
the design of the reactor.

“A pretty big plane could fly into it
and not damage it,” Moncton said,
referring to MIT’s reactor core.

In the “worst case scenario, that
building is going to implode, not explo-
de,” DiFava said.

On the other hand, the televised
investigation reported that the interns
were able to walk up to another col-
lege’s open water reactor with large
tote bags that were not searched by
staff.

The two major concerns raised by
the investiga-
tion regard-
ing MIT’s
reactor in
particular did
not involve
direct access
to the reactor,
but rather ac-
cess to online
information and
the abil-
ity to drive a truck to within 30 feet
of the reactor building.

Given that the reactor is about 50 feet
from Albany Street and about 300 from Massachusetts Avenue,
regular traffic passes nearly as close
as the ABC track had reached. A
large bomb would have to be closer
to significantly damage the building,
Moncton said.

He said a study on the effect of
an explosion on the reactor was
conducted by Lincoln Laboratory
scientists with consultation of MIT
faculty shortly after 9/11. The report
proved that the reactor would not
be significantly damaged by a large
track bomb at the distance of the se-
curity perimeter.

DiFava said that explosions from
large bombs carry most of their
force upwards, rather than outwards,
leaving the impact on the reactor
building.

“There wouldn’t be any dispersal
of material,” Moncton said, and that
to be a dirty bomb, the explosion
must vaporize the uranium instead of
just blowing apart chunks of it.

Another problem ABC investiga-
tors reported was that they were able
to find floor plans for the reactor us-
ing computers in Barker Library.

Moncton said that these plans are
out of date and do not list the loca-
tion of guards or security cameras.

Director of Reactor Operations
John A. Bernard Jr. said that many
nuclear engineering dissertations
have the same diagrams as those
available at Barker. The floor plans
had been publicly available before
Sept. 11, 2001, but were taken off-
line afterwards by MIT.

The final criticism leveled at MIT
by ABC was that the schedule for the
reactor was available online.

Moncton said that the availabil-
ity of the schedule had been under
discussion with the NRC for several
months before ABC’s investigation
began. The schedule is used by off-
campus researchers who use the re-
actor, he said.

Bernard said that about one
month ago, after ABC’s visit, the
NRC decided to stop publicly
listing times when the
reactor was inactive for
fuel delivery, thus making
it impossible
to tell when fuel deliveries were be-
ing received based on the activity of
the reactor.

Some confusion seemed to prevail
on NRC’s awareness of the schedule
being online. “That something I’d
want us to pursue, and we will,” said
Ray Zimmerman, director of the Of-
ciel of Nuclear Security and Incident
Response for the NRC, after learning
about the online schedule from ABC
lead investigator Brian Ross.

Debate over fuel safety heats up
Perhaps the best recognized secu-

ity threat posed by research reactors
is the possibility that a terrorist could
steal highly enriched uranium for use
in a nuclear weapon.

Once HEU is placed in a reactor,
however, it acquires a lethal level of
radioactivity that would incapacitate
a person in a few minutes. Accord-
ingly, someone trying to steal active
fuel would need extremely strong

protective shielding.

Before being placed in the re-
actor, HEU is both safe enough to
hold in your hands and immediately
usable for a nuclear weapon. MIT’s
reactor has at most two kilograms of
fresh HEU on site at any time, Monc-
ton said, a small fraction of what is
needed for a bomb. He said the fuel
is delivered on a just-in-time basis,
so that the reactor does not need to
stockpile fuel.

Transporting spent fuel is de-
pendent on a political balancing act
between the danger of storing fuel at
the reactor and the danger of trans-
porting it long-distance to another
site.

“Being able to ship is a complicat-
ed alignment of a number of stars,”
Moncton said. The MIT reactor has
sometimes been unable to send away
its fuel for multiple years at a time,
said, although the current amount being stored is at a historical low.

“We could probably smooth out
the bureaucratic process,” Gast said.
“I think nationally we need to deal
with spent fuel as a national priori-
ty.”

The difficulty of a terrorist trans-
porting spent fuel is under debate.
Moncton said that spent fuel can still
incapacitate someone trying to carry it
without shielding.

The international definition for
what level of radioactivity is incor-
porating is too low for a suicide
terrorist, though, said Matthew G.
Bunn, a senior research associate
at Harvard who studies nuclear non-
proliferation measures. “One person
can pick it up and carry it away,” Bunn
said, referring to spent fuel from a reactor like MIT’s. Bunn,
is also finishing his thesis in the Engi-
neering Systems Division at MIT.

The effort needed to turn spent
fuel into weapons material is not
nearly as significant as that to pro-
duce enriched uranium from scratch.

“The difficulty in shipping away
spent fuel has been a problem for
MIT in the past. Moncton said that
reactor staff were unable to ship
away fuel for long enough that last
year, they were forced to pay the
imposed by the NRC on how much
total uranium could be stored on site,
requiring MIT to notify the NRC of
a regulations infraction.

One of the most significant sec-

ity issues facing reactors, however,
is required to have the NRC issue
and federal regulators, as well as the
vigilance of reactor staff.

Next House Hosts Benefit Dinner

Next House held a service dinner last Oct. 10 in Next House dining. Proceeds from the event, $413, were donated to the Boston Food Bank.

Ray C. Lee ’09 fills a plate with chilli made by Next House residents.

Jessica K. Lee ’08 prepares to serve a chocolate cake made by Housemaster Liba Mikic, one of several homemade dishes made by Next House residents.

Photography by Christina Kang
A panel of experts convened by the National Academies, the nation’s leading science advisory group, called Wednesday for an urgent and wide-ranging effort to strengthen scientific competitiveness.

The 20-member panel, reporting at the request of a bipartisan group in Congress, said that without such an effort the United States “could soon lose its privileged position.” It cited many examples of emerging scientific and industrial power abroad and said the United States should take steps now to maintain its global lead.

“Descriptive action is needed now,” the report warned, adding that the nation’s old advantages “are eroding at a time when many other nations are gathering strength.”

The proposed actions include creating scholarships to attract 10,000 top students a year to careers in teaching math and science, and 30,000 scholarships for college-level study of science, math and engineering; expanding the nation’s investment in scientific awareness of the trend or its implications for jobs, industry, national security or the vigor of the nation’s intellectual and cultural life.

The panel cited many examples:

- Last year, more than 600,000 engineers graduated from institutions of higher education in China, compared with 350,000 in India and 70,000 in the United States.

- Recently, American 12th graders performed below the international average in science and math.

- Chemical companies last year shut 70 facilities in the United States and marked 40 for closure. Of 120 large chemical plants under construction globally, one is in the United States.

- America must act now to preserve its strengths in economic security, the panel’s chairman, Norman R. Augustine, retired chairman of Lockheed Martin, said in a statement. “The building blocks of our economic leadership are wearing away. The challenges that America faces are immense.”

The underlying goal, the panel said, is to create high-quality jobs by developing new industries and new sources of energy based on the bright ideas of scientists and engineers.

The panel included Nobel laureates, university presidents, corporate chairmen and former presidential appointees. Their report, “Raising Above the Gathering Storm,” said the proposed actions would require changes of law and new or reallocated funds.

A summary of the report and a list of the 20 members is online at http://www.nationalacademies.org. At a news conference in Washington, panel members estimated the cost of the new recommendations at $10 billion a year, a figure that may prove daunting to Congress in a time of tight budgets.

Nevertheless, two senators who helped initiate the effort — Lamar Alexander, R-Tenn., and Jeff Bingaman, D-N.M. — praised its findings.

“This report shines a spotlight on the fact our country is losing its competitive edge,” Bingaman said. “Clearly there are steps we can take to regain our competitiveness, and the recommendations outlined in this comprehensive report give us a good place to start.”

Increasingly, experts say, strides of other nations whose economies are growing. “The underlying goal, the panel said, is to create high-quality jobs by developing new industries and new sources of energy based on the bright ideas of scientists and engineers.

The panel included Nobel laureates, university presidents, corporate chairmen and former presidential appointees. Their report, “Raising Above the Gathering Storm,” said the proposed actions would require changes of law and new or reallocated funds.

A summary of the report and a list of the 20 members is online at http://www.nationalacademies.org. At a news conference in Washington, panel members estimated the cost of the new recommendations at $10 billion a year, a figure that may prove daunting to Congress in a time of tight budgets.

Nevertheless, two senators who helped initiate the effort — Lamar Alexander, R-Tenn., and Jeff Bingaman, D-N.M. — praised its findings.

“This report shines a spotlight on the fact our country is losing its competitive edge,” Bingaman said. “Clearly there are steps we can take to regain our competitiveness, and the recommendations outlined in this comprehensive report give us a good place to start.”

Increasingly, experts say, strides of other nations whose economies are growing. “The underlying goal, the panel said, is to create high-quality jobs by developing new industries and new sources of energy based on the bright ideas of scientists and engineers.

The panel included Nobel laureates, university presidents, corporate chairmen and former presidential appointees. Their report, “Raising Above the Gathering Storm,” said the proposed actions would require changes of law and new or reallocated funds.

A summary of the report and a list of the 20 members is online at http://www.nationalacademies.org. At a news conference in Washington, panel members estimated the cost of the new recommendations at $10 billion a year, a figure that may prove daunting to Congress in a time of tight budgets.

Nevertheless, two senators who helped initiate the effort — Lamar Alexander, R-Tenn., and Jeff Bingaman, D-N.M. — praised its findings.

“This report shines a spotlight on the fact our country is losing its competitive edge,” Bingaman said. “Clearly there are steps we can take to regain our competitiveness, and the recommendations outlined in this comprehensive report give us a good place to start.”

Increasingly, experts say, strides of other nations whose economies are growing. “The underlying goal, the panel said, is to create high-quality jobs by developing new industries and new sources of energy based on the bright ideas of scientists and engineers.

The panel included Nobel laureates, university presidents, corporate chairmen and former presidential appointees. Their report, “Raising Above the Gathering Storm,” said the proposed actions would require changes of law and new or reallocated funds.

A summary of the report and a list of the 20 members is online at http://www.nationalacademies.org. At a news conference in Washington, panel members estimated the cost of the new recommendations at $10 billion a year, a figure that may prove daunting to Congress in a time of tight budgets.

Nevertheless, two senators who helped initiate the effort — Lamar Alexander, R-Tenn., and Jeff Bingaman, D-N.M. — praised its findings.

“This report shines a spotlight on the fact our country is losing its competitive edge,” Bingaman said. “Clearly there are steps we can take to regain our competitiveness, and the recommendations outlined in this comprehensive report give us a good place to start.”

Increasingly, experts say, strides of other nations whose economies are growing.
Empty Beds Remain a Financial Burden for FSILGs

October 14, 2005

RRI will be successful if it becomes more than just a one-year fix and effects a long-term increase in financial viability, he said.

Empty beds an ongoing problem

Looking for an Opportunity to Make a Difference?

CIA's Directorate of Intelligence will be interviewing candidates for Analyst Positions.

MIT

Emile Bustani Middle East Seminar

Presents

Ambassador Barbara Bodine
Executive Director, Middle East Governance Initiative
John F. Kennedy School of Government
Harvard University

"REFLECTIONS ON THE ARAB WORLD: FROM BAGHDAD TO SANAA AND BACK"

Tuesday, October 18, 2005
4:30 – 6:30 p.m.
ES1-095
70 Memorial Drive
Cambridge

OPEN TO THE PUBLIC
Sponsored by the Center for International Studies

Get free music without breaking the law.

LAMP has 1,840 CDs.

http://lamp.mit.edu/

This space donated by The Tech

Interested in studying the environment or sustainable development?

Columbia University has many programs for you.

At The Earth Institute’s Environmental Open House you can ask us about our programs and how they can help you reach your goals.

Whether you are interested in learning about global poverty alleviation, sustainable development, ecology, or environmental policy, Columbia University can help you.

Open House
October 18, 4–7 p.m.
The Faculty Room of Low Library
Columbia University
Located at 316th and Amsterdam.

For more information or to RSVP please e-mail Louise Rosen at lr46@columbia.edu or call 212-634-3142.

www.earthinstitute.columbia.edu/education

Undergraduate majors in environmental science, ecology and environmental engineering • Summer programs that enable undergraduates to study ecology in the Dominican Republic, Brazil, and upstate New York • Graduate programs ranging from an MPA in Environmental Science and Policy, to a Master’s in Climate and Society, to a new PhD in Sustainable Development • For lifelong learners we also have a noncredit certificate program in Conservation Biology.
Healthy Volunteers
Male or Female
Ages 20-55

You may be eligible for a research study to evaluate the effects of a medication on body composition and glucose metabolism at the Massachusetts General Hospital and Massachusetts Institute of Technology.

Subjects receive a comprehensive evaluation and up to $750 stipend for participation in a month long study. Please call Stine Johnsen at 617 724-9027 or Amy Fleischman, MD at 617 724-3572 MGH Program in Nutritional Metabolism

THANK YOU M.I.T.

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

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

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

Bose Corporation
1-800-444-BOSE

©2004 Bose Corporation. Patent rights issued and/or pending. Delivery is subject to product availability.

Students Fly Cheaper

Sample roundtrip Student Airlines from Boston to:

<table>
<thead>
<tr>
<th>City</th>
<th>Fare</th>
<th>City</th>
<th>Fare</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wash., D.C.</td>
<td>$139</td>
<td>Rome</td>
<td>$358</td>
</tr>
<tr>
<td>Detroit</td>
<td>$188</td>
<td>Nice</td>
<td>$412</td>
</tr>
<tr>
<td>San Diego</td>
<td>$263</td>
<td>Barcelona</td>
<td>$476</td>
</tr>
</tbody>
</table>

FREE + TICKETS

Text “LONDON” to 22122

It’s your chance to win one of ten pairs of roundtrip tickets to London

StudentUniverse.com

©2004 Balfour Education Company, Inc. Balfour is a registered trademark of Balfour Education Company, Inc. All other trademarks are the property of their respective owners.
Residents’ Reactions To Tax Rates Differ

Taxes, from Page 1

sachusetts. The windfall for taxpayers is being funded in large part by $10 million from reserve accounts, which total $53.3 million this year, up from $35 million last fiscal year.

“I’ve been really happy with my taxes,” said Cambridge resident Maura Kilcommons. While Cambridge is an affordable place to live, “I’m lucky, I bought my house 15 years ago,” she said. As for the free cash reserves, “if they can use some of that money to alleviate the pressure on those who are old, who can’t afford the high payments — I think that’s great.”

Lawmakers cited increases in non-property tax earnings, such as the motor vehicle excise tax, hotel taxes, and interest earnings as resources that allowed them to minimize the percentage of the annual tax levy that fell on residential property owners.

Anticipated future sources of income include the newly-negotiated Payment in Lieu of Taxes agreements with Harvard and MIT.

In particular, rises in a recovering commercial real estate market mean that new commercial property will account for 63.2 percent of the city’s operating revenue, while fines, licenses, and the PILOT agreements with Harvard and MIT together account for under 7 percent. The City Council also projects next year’s residential property tax levy to be low.

“Property taxes represent almost 60 percent of the city’s operating revenue, while fines, licenses, and the PILOT agreements with Harvard and MIT together account for under 7 percent. The City Council also projects next year’s residential property tax levy to be low.”

The city’s property database has recently been enhanced to show assessed values for residential units based on sales of similar units in the same neighborhood. In a meeting on Sept. 26, councillors said they hope this information will improve the transparency of the assessment process and convince residents that their taxes are fair.

Cambridge resident Elie Yarden said he was concerned about inflated property values, which in turn drive taxes higher, potentially driving people from their homes.

John Moot, president of the Association of Cambridge Neighborhoods, said that the City’s free cash might be used for the West Cambridge Youth Center and other large capital projects, rather than for what are essentially tax rebates, to make up for the hike last year.

Stash Howitz, vice president of the association, said the low tax rate might be unsustainable “if commercial value doesn’t continue to rise,” and said the city should try to reduce expenditures rather than dig into reserves.

The city budget has been rising by about $20 million per year for the last five years, while the property tax levy has been increasing by about half that.

Other sources of income for Cambridge include charges for services transferred from the state government.

Property taxes represent almost 60 percent of the city’s operating revenue, while fines, licenses, and the PILOT agreements with Harvard and MIT together account for under 7 percent. The City Council also projects next year’s residential property tax levy to be low.

The city’s property database has recently been enhanced to show assessed values for residential units based on sales of similar units in the same neighborhood. In a meeting on Sept. 26, councillors said they hope this information will improve the transparency of the assessment process and convince residents that their taxes are fair.

“I’ve been really happy with my taxes.”
—Maura Kilcommons

The following incidents were reported to the MIT Police between Oct. 5 and Oct. 11. This summary does not include incidents such as suspicious activity, false alarms, general service calls, medical shuttles, or isolated incidents of theft.

Oct. 5: Zeigler Center Parking Lot (125 Vassar St.), malicious damage to a vehicle (incident occurred Sept. 30).
Oct. 6: Lambda Chi Alpha (99 Bay St. Rd.), two laptops stolen.
Oct. 8: Phi Kappa Sigma (580 Beacon St.), 3:25 a.m., student assaulted by second student; victim transported to MGH for treatment.
Oct. 10: Burton Conner (410 Memorial Dr.), 12:25 p.m., female reports unusual person in hallway; tall, older black male hides and ducks down when residents come out of rooms; suspect gone on arrival.
Oct. 11: E17 (40 Ames St.), larceny of construction materials (incident occurred Sept. 29).
Compiled by Marjan Rafat and Tai DaCosta with assistance from other members of the MIT Crime Club.
Want to earn $100 in one weekend?

Will you have a bit of extra time on the weekend of October 22-23? You could help UA SCEP improve the educational experience here at MIT and earn $100 along the way!

We need volunteers to:
- Pick up packets of filled out midterm feedback forms on Friday, October 21.
- Read and enter students’ comments on their classes.
- Grade a report using templates we will provide.
- For larger classes, summarize students’ comments for the professor.
- Return the forms, report, and summary to us on Monday, October 24.

If you’re interested, email mff.apply@mit.edu.

Undergraduate Association Student Committee on Educational Policy

Hear from MIT community members who taught in low income communities before entering doctoral programs in science and engineering

FEATURING:
- Dr. Mitch McVey, Ph.D., Biology
- Dr. Ayana Chakrabortty, Ph.D., Mechanical Engineering
- Nala Radhakrishnan, 4th year Ph.D., Chemistry
- Darcy Thompson, Teach For America, Director of Math and Science Recruitment, Moderator

TUESDAY OCTOBER 18, 7:00PM
ROOM 4-153 • FREE FOOD!

TEACHFORAMERICA
www.teachforamerica.org

Free dinner on Thursday and Sunday nights.

We’re searching for you.

It’s no secret that the perks at Google are wonderful – but the real benefit is working with really smart people on challenging (but fun!) problems.

If a technical position at Google sounds interesting, don’t miss this event.

MIT Education Hall, Room 34-101
Tuesday, October 18, 2005
7:00pm

Google

© Copyright 2005. Google and the Google logos are trademarks of Google Inc.

THE MIT PRESS BOOKSTORE
Fall 2005
LOADING DOCK SALE

Saturday, October 15th
Sunday, October 16th
10:00 am - 7:00 pm

Books up to 95% off! Huge savings on:
- MIT Press overstock • out-of-print books
- journals back-issues • other publishers’ books
- damaged books • plus food, prizes, and more!

The MIT Press Bookstore
Kendall Square Subway Stop
292 Main Street, Cambridge
(617) 253-5249
books@mit.edu

“a feeding frenzy for the brain!”
Participants Wanted for Research Study

Do you have Bipolar or Schizoaffective illness?

Are you between the ages of 18 and 54?

Do you take Lithium to help with your Bipolar or Schizoaffective illness?

If you answered yes to the above questions, you may qualify for a neuroimaging study being conducted at the Boston Medical Center and McLean Hospital. Participants will be compensated for their time.

Please call 617-638-8046 for more information

Authentic Indian Food

Come and bring your friends to experience the wide variety of authentic North Indian Cuisine and relaxed atmosphere of India Quality Restaurant. Tandoori specialties and breads from Tandoor are also available. Lunch specials vary from $4.95–$6.95 (11:30am-3pm) and Daily Dinner Specials from $7.95–$11.95 (3pm-11pm). Special Breads $1.95–$3.95 (stuffed with spinach, potatoes, roast, garlic, onion, mint). Great selection of beer and wine.

Dine in or take out!

10% off all Entrees with Student I.D.!

Top Rated Indian Restaurant in the Boston Area

Zagat’s Survey 2002/03/04/05

Serving the Kenmore Square area for the past 20 years

http://www.indiaquality.com

INSTITUTE ALUMNUS WINS NOBEL

Aumann, from Page 1

The best part about winning was hearing from old friends from as many as 60 years ago — “it’s too bad that I lost touch with those people, and here they are,” he said. According to a news release from the Israel Ministry of Foreign Affairs, Aumann immigrated to Israel in 1956 and became an instructor at the Hebrew University, where he eventually rose to the rank of professor emeritus in 2000. He has also served as a visiting professor at many American universities, including Princeton, Yale, and Stanford. Aumann has authored nearly 100 scientific papers and six books.

Solution to Sudoku from page 7

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

Even EZ-er than 1040EZ.

Introducing TeleFile from the IRS. If you are single and filed Form 1040EZ last year, you can file your tax return in ten minutes by phone. Anytime.

Check your tax booklet for information.

MIT ALUMNUS WINS NOBEL

Aumann, from Page 1

The best part about winning was hearing from old friends from as many as 60 years ago — “it’s too bad that I lost touch with those people, and here they are,” he said. According to a news release from the Israel Ministry of Foreign Affairs, Aumann immigrated to Israel in 1956 and became an instructor at the Hebrew University, where he eventually rose to the rank of professor emeritus in 2000. He has also served as a visiting professor at many American universities, including Princeton, Yale, and Stanford. Aumann has authored nearly 100 scientific papers and six books.

Solution to Sudoku from page 7

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

Spring Break 06

Now booking trips to: Cuba, Spain, Brazil, & Argentina! Book early for Spring Break! If you miss the early booking deadlines, call for availability.

www.samarilatintravels.com

1-800-428-2710

Asha for Education MIT/Boston presents penn MASALA

Making of the soundtrack of “Amar Desi”

Kresge Auditorium, Cambridge, MA

Oct 16, 6pm

General $25/$50 (check)
Student $16/$22 (check)
MIT ID $10/$22 (check)

EXPECTED TO SELL OUT!!!

FREE PARKING

web.mit.edu/ashamit组织 www.ashamit@mit.edu

0172.208.2911

The CCRR Grants Program funds events and activities that bring together racial, ethnic, and cultural groups to provide forums for addressing problems and concerns associated with race relations, to celebrate different cultures, and to increase awareness of the diversity that is MIT.

www.mit.edu/ccrr

Next Grant Application Deadline

1 November 2005

Committee on Campus Race Relations
Your vision: To reach for the top.
Our promise: Lifting you even higher.

You thrive on success and you know just how far your talent will take you. We do too. That’s why, at Deutsche Bank, you’ll be given the opportunity to realize your greatest ambitions. As one of the world’s leading financial institutions, we have the platform to take your career higher. You will be part of an innovative, modern culture that celebrates achievement.

Expect the better career.

To learn more about Global Markets and Asset Management, please join us for a:

**Event:** 1st Year MBA Presentation
**Date:** Thursday, October 20, 2005
**Time:** 6:30 PM
**Location:** MIT Faculty Club

[www.db.com/careers](http://www.db.com/careers)

A Passion to Perform. Deutsche Bank
by Yongyi Zhu

Game of the Week: Jaguars at Steelers

The Steelers might not have QB Ben Roethlisberger, who is out with a concussion, but they still have a terrific defense. The Jaguars, who won their last two games, are a better offensive team than they have been in a while, but their defense is no match for the Steelers' unit. The outcome of this game will determine whether the Steelers or the Jaguars are in the playoff race.

Column

Ben Roethlisberger is just a bit better than Matt Schaub. The difference between them, however, may be as little as six minutes, as Roethlisberger has always seemed to forget what to do with it. The Steelers will be able to make easy plays against a Jacksonville team that has not been able to put together a consistent offensive performance. This Week's NFC North Game will dominate the Pats' defensive battle, by less than a field goal margin will find the end zone more often than on the following kickoff, Kalk was too high. The result will be a win for the Patriots, who are coming off a big win. The result will be a win for the Patriots, who are coming off a big win. The result will be a win for the Patriots, who are coming off a big win.

The Rundown:

The Engineers were consistently able to limit the opposing offense, but they were unable to make use of their own opportunities. As the clock wound down to zero, the Engineers found themselves trailing by a full touchdown. The Chiefs are coming off a bad pass seconds later. The ball was inevitably booted away, and regardless of how effective any possession, helped seal the Engineers' fate in this game. The Arrowheaders' offense was able to make use of their opportunities, but the defense was unable to come up big in this game. "Go Tech! Go Tech!" cheers from their teammates. At the end of a well-played game, the Engineers' comeback victory seemed to be the most fitting end to the game. By winning this tournament, the Engineers qualified for the NCAA tournament.

With Ludmila Shut Dout, Women’s Soccer Struggles to Score in Match Against Stanford

Soccer, from Page 24

They are, to a player, aggressive and have a strong attack. The Engineers had all the patience and precision to put more points on the board, but unfortunately, they were unable to make use of their opportunities. As the clock wound down to zero, the Engineers found themselves trailing by a full touchdown. The Chiefs are coming off a bad pass seconds later. The ball was inevitably booted away, and regardless of how effective any possession, helped seal the Engineers' fate in this game. The Arrowheaders' offense was able to make use of their opportunities, but the defense was unable to come up big in this game. "Go Tech! Go Tech!" cheers from their teammates. At the end of a well-played game, the Engineers' comeback victory seemed to be the most fitting end to the game. By winning this tournament, the Engineers qualified for the NCAA tournament.

With Ludmila Shut Dout, Women’s Soccer Struggles to Score in Match Against Stanford

Soccer, from Page 24

They are, to a player, aggressive and have a strong attack. The Engineers had all the patience and precision to put more points on the board, but unfortunately, they were unable to make use of their opportunities. As the clock wound down to zero, the Engineers found themselves trailing by a full touchdown. The Chiefs are coming off a bad pass seconds later. The ball was inevitably booted away, and regardless of how effective any possession, helped seal the Engineers' fate in this game. The Arrowheaders' offense was able to make use of their opportunities, but the defense was unable to come up big in this game. "Go Tech! Go Tech!" cheers from their teammates. At the end of a well-played game, the Engineers' comeback victory seemed to be the most fitting end to the game. By winning this tournament, the Engineers qualified for the NCAA tournament.

Sports Short

On Oct. 1, MIT sent a group of taekwondists to the Ivy/Nea-

tional came up big in this game. The Engineers had all the patience and precision to put more points on the board, but unfortunately, they were unable to make use of their opportunities. As the clock wound down to zero, the Engineers found themselves trailing by a full touchdown. The Chiefs are coming off a bad pass seconds later. The ball was inevitably booted away, and regardless of how effective any possession, helped seal the Engineers' fate in this game. The Arrowheaders' offense was able to make use of their opportunities, but the defense was unable to come up big in this game. "Go Tech! Go Tech!" cheers from their teammates. At the end of a well-played game, the Engineers' comeback victory seemed to be the most fitting end to the game. By winning this tournament, the Engineers qualified for the NCAA tournament.
Engineers Come From Behind To Defeat Golden Bears 31-27

By Albert Ni

Perhaps more than any other sport, football is a game that rewards sheer determination and willpower. In MIT’s stunning 31-27 victory over the Western New England Golden Bears, it took nothing less than every ounce of determination and willpower the Engineers had to engineer one of the greatest comebacks in school history.

MIT put up 28 unanswered points in the second half by capitalizing on every opportunity, digging on every loose ball, and simply refusing to wilt through relentless rain and wind. Quarterback Richard A. Mancuso ’09 added a huge monster hit by Defensive Back David O. Kalk ’08 (#1) tackles Western New England College’s Jarod Johnson to force a fumble and produced a touchdown. Aside from a field goal following a fumble recovery, following a fumble recovery, following a fumble.

The deficit might have seemed almost insurmountable, but the Bears are an adversity-loving bunch. Coming off consecutive blowout losses, a third one seemed almost inevitable for Tech going into halftime down 27-3. The deficit might have felt even larger than that, as the Bears had regained the edge in the second half, stringing together three scoring drives while coming up with crucial interceptions that killed promising Engineer drives and produced a touchdown. Afield goal following a fumble driven by a field goal following a fumble forced by Ryan L. Brunswick ’09, Tech looked overmatched for the first 30 minutes of the game.

Due to a combination of the score and inclement weather (the game time temperature was around 70 degrees, with pouring rain and wind), the Bears seemed to be able to move the ball at will in the first half, long scoring drives while coming up with crucial interceptions that killed promising Engineer drives and produced a touchdown. Aside from a field goal following a fumble driven by Ryan L. Brunswick ’09, Tech looked overmatched for the first 30 minutes of the game.

The Bears seemed to be able to move the ball at will in the first half, stringing together three scoring drives while coming up with crucial interceptions that killed promising Engineer drives and produced a touchdown. Aside from a field goal following a fumble driven by Ryan L. Brunswick ’09, Tech looked overmatched for the first 30 minutes of the game. Due to a combination of the score and inclement weather (the game time temperature was around 70 degrees, with pouring rain and wind),

the beginning of the game had dispersed. However, the Tech players’ spirits were not dented, and within four minutes of the start of the third quarter, Mancuso found Vogelsang immediately followed that up with a sensational one-handed grab on the ensuing two-point conversion.

Next, Kicker R. Matt Ramirez ’06 connected with a sensational one-handed grab on the ensuing two-point conversion.

Men’s Soccer

By Caitlin L. Murray

Friday, while the Red Sox’s post - season was coming to a sudden, anticlimactic end, the MIT women’s soccer team put in an equally dismal performance, losing to Smith College 2-0. This loss puts them squarely in seventh place in the NEWMAC standings, with only Mount Holyoke and the Coast Guard Academy below them.

Smith took control from the opening whistle, with their star forward Catherine Pro leading the onslaught. Seven minutes into the game from fifteen yards out, she launched the ball across the net and into the corner, past MIT goaltender Katherine A. Vater ’07.

Five minutes later, with MIT still on its back, Smith scored again, giving the spectators a clear view of what was in store for the Engineers for the rest of the match. On a pin-point perfect assist from Brittoni Famous, Smith’s Enat Abadon struck a ball past Vater into the far corner of the net.

MIT never recovered. Not only did Smith never recover. Not only did they lose the game, they also lost the services of senior forward Meghan Cavanaugh, who suffered a torn ACL in the second half of the match. Vater, who had been superb in goal all season, was comatose for the majority of the contest.

Women’s Soccer Weak In Loss Against Smith

NEWMAC Scoreboard

Field Hockey

Upcoming Home Events

Sunday, Oct. 15, 2005

Varsity Rifle vs. VMR, Mass. Maritime, Wentworth
Varsity Sailing — Boston University Invitational
Varsity Sailing — Brass Rat Regatta

Saturday, Oct. 14, 2005

Volleyball

MT

In Loss Against Smith

By Caitlin L. Murray

Friday, while the Red Sox’s post - season was coming to a sudden, anticlimactic end, the MIT women’s soccer team put in an equally dismal performance, losing to Smith College 2-0. This loss puts them squarely in seventh place in the NEWMAC standings, with only Mount Holyoke and the Coast Guard Academy below them.

Smith took control from the opening whistle, with their star forward Catherine Pro leading the onslaught. Seven minutes into the game from fifteen yards out, she launched the ball across the net and into the corner, past MIT goaltender Katherine A. Vater ’07.

Five minutes later, with MIT still on its back, Smith scored again, giving the spectators a clear view of what was in store for the Engineers for the rest of the match. On a pin-point perfect assist from Brittoni Famous, Smith’s Enat Abadon struck a ball past Vater into the far corner of the net.

MIT never recovered. Not only did Smith never recover. Not only did they lose the game, they also lost the services of senior forward Meghan Cavanaugh, who suffered a torn ACL in the second half of the match. Vater, who had been superb in goal all season, was comatose for the majority of the contest.

Women’s Soccer Weak In Loss Against Smith

NEWMAC Scoreboard

Field Hockey

Upcoming Home Events

Sunday, Oct. 15, 2005

Varsity Rifle vs. VMR, Mass. Maritime, Wentworth
Varsity Sailing — Boston University Invitational
Varsity Sailing — Brass Rat Regatta

Saturday, Oct. 14, 2005

Volleyball

MT

In Loss Against Smith

By Caitlin L. Murray

Friday, while the Red Sox’s post - season was coming to a sudden, anticlimactic end, the MIT women’s soccer team put in an equally dismal performance, losing to Smith College 2-0. This loss puts them squarely in seventh place in the NEWMAC standings, with only Mount Holyoke and the Coast Guard Academy below them.

Smith took control from the opening whistle, with their star forward Catherine Pro leading the onslaught. Seven minutes into the game from fifteen yards out, she launched the ball across the net and into the corner, past MIT goaltender Katherine A. Vater ’07.

Five minutes later, with MIT still on its back, Smith scored again, giving the spectators a clear view of what was in store for the Engineers for the rest of the match. On a pin-point perfect assist from Brittoni Famous, Smith’s Enat Abadon struck a ball past Vater into the far corner of the net.

MIT never recovered. Not only did Smith never recover. Not only did they lose the game, they also lost the services of senior forward Meghan Cavanaugh, who suffered a torn ACL in the second half of the match. Vater, who had been superb in goal all season, was comatose for the majority of the contest.