

MIT Reveals Initiatives at Energy Forum

By Angeline Wang
ASSOCIATE NEWS EDITOR

Hundreds packed into Kresge Auditorium Wednesday for MIT's widely publicized Energy Forum and the unveiling of the Energy Research Council's report on how MIT should proceed to address the global energy challenge. The release of the report marked the end of the information-

gathering phase of the Energy Initiative, President Susan Hockfield's first major action as MIT president.

Hockfield is currently reviewing the 57-page report, which she described in her opening remarks Wednesday as "the culmination of a year's work" by the Council, in order to decide which recommendations the Institute will act on.

She also announced the beginning of a commentary period, in which the "community can add in their views." The report is available online at <http://web.mit.edu/erc/docs/erc-report-060502.pdf>. Hockfield hopes to have the second phase of the Initiative framed for the beginning of the academic year in September, she said during a media briefing. The re-

port was originally scheduled to be completed in February.

The Energy Forum included faculty panel discussions on research directives and a student-sponsored poster presentation, as well as an overview of the report given by Council Co-chair Ernest J. Moniz.

Both Hockfield and Moniz addressed the three questions, "Why energy? Why MIT? Why now?" as well as the challenges the Initiative will tackle, which the report outlines.

"MIT cannot do it all," Moniz said. "But we do believe that we have the chance to make a significant difference, stimulate and mediate discussion."

Moniz, looking at the historical perspective, described a 50-year time scale as the characteristic period for major changes in the energy industry. "Fifty years means starting today."

He emphasized the need for both technological and policy changes from the federal government. According to Moniz, MIT can be seen as an "honest broker" between industry and government. Hockfield, who said that she is in Washington one day each month, plans to advocate for policy changes when the Energy Initiative takes form.

"We intend to provide the leadership that this critical issue demands," Hockfield said during the Forum's opening remarks.

Energy, Page 12



DAVID TEMPLETON—THE TECH

Professor Ernest J. Moniz, co-chair of MIT's Energy Research Council, gives an overview of the Council's report at the beginning of the Energy Forum on Wednesday, May 3.

Criteria Announced For New College Aid Program

By Sam Dillon
THE NEW YORK TIMES

The Department of Education announced Tuesday which low-income students might be eligible this fall for a share of \$790 million under a major new aid program and estimated that it would disburse about 500,000 of

the grants, which Congress created to encourage science, mathematics and language study.

In establishing the grants this year, Congress said that for students entering their first or second year of college to be eligible, they must have completed a "rigorous second-

ary school program of study," but left it to the Department of Education to spell out the details.

To avoid the daunting task of reviewing the academic rigor of the nation's 18,000 high schools, the department laid out broad eligibility criteria on Tuesday by which students

could demonstrate that they had taken demanding course work. And Secretary of Education Margaret Spellings assured the states that she would not infringe on their control over educational curriculums, a ten-

Aid, Page 14

Dorms Consider College Laundry Service

By Kirtana Raja
ASSOCIATE NEWS EDITOR

Saturday night finally rolls around and you're planning to attend a rocking party. What better way to impress that cutie from class than wearing that hot matching outfit from your closet with those fabulous strappy high heels, right? Alas, you realize that your outfit is currently sitting in a pile of dirty laundry in the corner of your room! If only doing laundry weren't such a pain, maybe you'd actually have something to wear.

MIT dormitories are in the process of considering a proposal by a company called College Bellhop that would offer laundry services to students on a dorm-by-dorm basis next school year. However, these services come at a hefty price and with some concerns for dormitory security.

Dormitory Council President Harvey C. Jones '06 said a College Bellhop representative contacted DormCon about one month ago and asked if MIT would be interested in having its service for next year. The company made a presentation at a DormCon meeting in early April, and offered DormCon five percent of the total revenue. Following the presentation, Jones announced that the dormitory presidents could talk to their fellow housemates, and each dormitory would determine for itself

College Bellhop, Page 11

Dormitory Council Elects Officers

By Marissa Vogt
NEWS EDITOR

The Dormitory Council elected officers for the 2006-2007 school year at its meeting at Baker House Wednesday evening.

David A. Nedzel '07 was elected president and Laura C. Martini '08 was elected vice president. Nedzel said that the president's job involves providing oversight and coordination for DormCon and running meetings. He will also be responsible for representing DormCon to the general MIT community and "making sure we're all working together on issues that affect the broader community." Nedzel said he hopes to continue to foster student involvement in DormCon, citing a retreat held in January for dormitory officers that resulted in a stronger participation in the spring.

Martini said that the vice president fills a supportive role to the president and that she will be responsible for meeting with administrators and "keeping a lot of transparency in what's going on." She echoed Nedzel's desire to keep students involved, saying that she hopes to "inspire the people around me."

Also at Wednesday's meeting, DormCon passed a revised set of procedures for its judicial committee, Nedzel said. The new procedures will address the ways in which Judcomm reports and is allowed "to hold hearings, conduct mediation, and report to folks in the MIT community." He said that the changes had just been approved by MIT's lawyers last week.

Nedzel said that DormCon's upcoming agenda includes planning for residence exploration and addressing security issues in the dormitories.

Dormitory Council Election Results

President	David A. Nedzel '07
Vice President	Laura C. Martini '08
Treasurer	Darragh Buckley '07
Secretary	Erin B. Munsell '09
Junior Residence Exploration Chairs	
	Allison M. Jacobs '08, Hillary L. Nenow '09, Preeya S. Phadnis '08, Ashley K. Turza '08
Housing Chair	Jamie E. Rubin '07
Dining Chair	Allison M. Jacobs '08
JudComm Chair	Ian C. Smith '07
Risk Management Chair	Christopher K. Hoffinan '08
Student Group Liaison and Webmaster	Estevan M. Martinez '08

SOURCE: HARVEY C. JONES '06



OMARI STEPHENS—THE TECH

Daive "Nosm" Perre (left), Hector "Nicer" Nazario (center), and Raoul "How" Perre (right) of Tats Cru finish up a mural in honor of the late James "Big Jimmy" Roberts, former night watch man for the Senior House and East Campus dorms. The mural was created in the Stata Amphitheater on Thursday, May 4. In addition to serving as a memorial for Big Jimmy, it is being used to spread publicity about the Big Jimmy Scholarship Fund.

NEWS

A former MIT Professor is accused of staging his own shooting.

Page 10

World & Nation	2
Opinion	4
Arts	6
Comics	8
Sports	16

WORLD & NATION

Stronger Canadian Dollar Is Hurting Some Exporters

By Ian Austen
THE NEW YORK TIMES

OTTAWA

The Canadian dollar has risen to levels not seen since the 1970s, but that has brought little joy to J. Robert S. Prichard at Torstar, which publishes romance novels and newspapers.

At this week's annual meeting, Prichard, Torstar's chief executive, said earnings had been cut in half largely because of the exchange rate, which has hurt results at its export-dependent Harlequin Enterprises novel unit.

After bottoming at 62 cents in 2002, Canada's loonie — the popular name for the country's \$1 coin that features a loon — closed at 90 cents to the U.S. dollar on Tuesday, a first since 1978. That may not be the end.

Some economists and traders are forecasting parity between the two currencies, something that has not happened in 30 years.

In some ways, the Canadian dollar's rise is an endorsement of the track that its economy has taken. Canada has posted 10 consecutive years of balanced federal budgets; its debt-to-GDP ratio is one of the world's lowest; employment levels are high; and soaring commodity prices, particularly for oil, have brought good times to many of the country's resource-based industries.

Senate Defies Bush, Passes Spending Bill

By Carl Hulse
THE NEW YORK TIMES

WASHINGTON

The Senate on Thursday approved a \$109-billion measure to pay for the war in Iraq and Gulf Coast hurricane recovery, ignoring a veto threat by President Bush and an increasingly hard line against spending by House Republicans.

On a 77-21 vote, the Senate approved the legislation, which would provide almost \$71 billion for military operations in Iraq and Afghanistan and foreign aid, \$29 billion for hurricane relief, \$4 billion for farm assistance, \$2.5 billion to prepare for a potential flu pandemic, and \$2.5 billion for border enforcement and port security.

"It is very important to the protection of the security interests of the people of the United States," said Sen. Thad Cochran, R-Miss., who, as chairman of the Appropriations Committee, was the chief author of the measure.

China, Japan and S.Korea Move To Coordinate Their Currencies

By Anand Giridharadas
THE NEW YORK TIMES

HYDERABAD, INDIA

Finance ministers from China, Japan and South Korea announced tentative steps on Thursday to coordinate their currencies in ways that could ultimately produce a common regional currency like the euro.

The ministers, speaking on the sidelines of the annual meeting of the Asian Development Bank here, said that they would work toward closer coordination of their foreign-exchange policies. They also pledged to enhance an existing framework to defend regional currencies against speculators and work toward the development of Asian bond markets.

South Korea, Japan and China will "immediately launch discussions on the road map for the system to coordinate foreign-exchange policy," the ministers said in a joint statement. "We agreed on further study of related issues, including the usefulness of regional currency units."

Vice President Blasts Russia's Human Rights, Int'l Relations

By Steven Lee Myers
THE NEW YORK TIMES

MOSCOW

Vice President Dick Cheney delivered Thursday the Bush administration's strongest rebuke of Russia to date. He said the Russian government "unfairly and improperly restricted" people's rights and suggested that it sought to undermine its neighbors and to use the country's vast resources of oil and gas as "tools of intimidation or blackmail."

"In many areas of civil society — from religion and the news media, to advocacy groups and political parties — the government has unfairly and improperly restricted the rights of her people," Cheney said in a speech to European leaders in Lithuania's capital, Vilnius. "Other actions by the Russian government have been counterproductive, and could begin to affect relations with other countries."

Cheney's remarks, which officials in Washington said had been heavily vetted and therefore reflected the administration's current thinking on Russia, appeared to lay down new markers for a relationship that has become strained and could become

significantly more so in the months ahead.

The remarks were delivered in the midst of an international confrontation over Iran's nuclear programs, where the United States has tried to enlist Russia's help in putting pressure on or punishing Tehran. Cheney's criticisms would seem to complicate those efforts, but they could also reflect a growing impatience with Russia's unwillingness to back stronger measures, including sanctions, against the Iranians. Cheney did not mention Iran in his speech, which was devoted mostly to a triumphant celebration of the expansion of democracy in Europe since the end of the Cold War.

A senior administration official said the speech emphasized the desire of the White House to continue working with Russia in many areas, including Iran, even as it voiced its concerns. The official requested anonymity because he did not want to be seen as speaking for the vice president.

Asked if the remarks risked alienating the Kremlin at a crucial moment in negotiations on Iran at the U.N. Security Council, the official said in a telephone interview,

"There's never a good time."

Cheney's remarks also previewed what is shaping up as a tense meeting between President Bush and President Vladimir V. Putin at a gathering of the Group of 8, the leading industrialized nations in St. Petersburg in July. Some in Washington, notably Sen. John McCain, have called on Bush to boycott the meeting as a signal of displeasure with Putin's anti-democratic course, though Cheney did not address that matter on Thursday.

Dmitri S. Peskov, a spokesman for the Kremlin, disputed Cheney's remarks, calling them unfounded and "completely incomprehensible." At the same time, he discounted the message Cheney sent, saying it would cloud neither the coming meeting between Bush and Putin nor their relationship generally.

"The relations between the two presidents are much more constructive than these statements," Peskov said in a telephone interview. "And they are more oriented to the future." Indeed, the two men spoke by telephone just this Monday, and they agreed then on the need to cooperate closely on the Iranian issue, the White House said.

Pope Condemns Chinese Church For Consecrating Two Bishops

By Charles V. Bagli and David W. Dunlap
THE NEW YORK TIMES

The projected cost of building the World Trade Center Memorial complex at ground zero has soared to nearly \$1 billion, according to the most authoritative estimate to date.

Rebuilding officials concede that the new price tag is breathtaking — "beyond reason" in the words of one board member of the World Trade Center Memorial Foundation — and it is sure to set off another bruising battle over development at the 16-acre site, with calls to cut costs, scale back the design or even start over.

The foundation, which had planned to start construction in March, has already quietly broached the possibility with some victims' families of moving im-

portant parts of the memorial out of the Twin Tower footprints to ground level.

A few years ago, the problems faced by the memorial, the spiritual centerpiece of the site, would have been unimaginable. The underground complex, with its pools, waterfalls and galleries, was the product of a worldwide design competition that drew 5,201 entries and inspired tremendous public passion.

It was supposed to be immune to the controversies that had engulfed the commercial rebuilding at the site, with its completion assured by an outpouring of good will and open checkbooks. But fundraising has lagged, with just \$130 million raised from private contributions; many notable donors have yet to contribute.

The new estimate, \$972 million,

would make this the most expensive memorial ever built in the United States. And that figure does not include the \$80 million for a related visitors' center paid for by New York state.

It will almost certainly draw unfavorable comparisons with the \$182 million National World War II Memorial in Washington, which opened in 2004; the \$29 million Oklahoma City National Memorial, which opened in 2000; or the \$7 million Vietnam Veterans Memorial in Washington, which opened in 1982.

The original World Trade Center itself cost \$1 billion in the 1970s, or about \$3.7 billion in current dollars, adjusted for inflation. Then again, everything at ground zero carries a big ticket, from the \$478 million vehicle-screening center to the \$2.2 billion PATH terminal.

WEATHER

An Early Taste of Summer

By Michael J. Ring
STAFF METEOROLOGIST

Although it's still only early May, today's weather could easily be mistaken for late June as we enjoy some of the highest temperatures thus far this year.

The weather across the country is fairly quiet, with the most prominent feature being a low pressure system and cold front moving across the Tennessee Valley. As circulation around the low pressure system is anticlockwise, southerly winds occur to the east of the system. This will carry warm air up the length of the East Coast today, with temperatures reaching the 80s °F in Washington, D.C. We will fall a few degrees short of that, but the weather will be pleasantly warm nonetheless.

While today is the warmest day in the forecast, the weather will be pleasant and mild through early next week.

Extended Forecast

Today: Sunny and warm. High near 78°F (26°C).

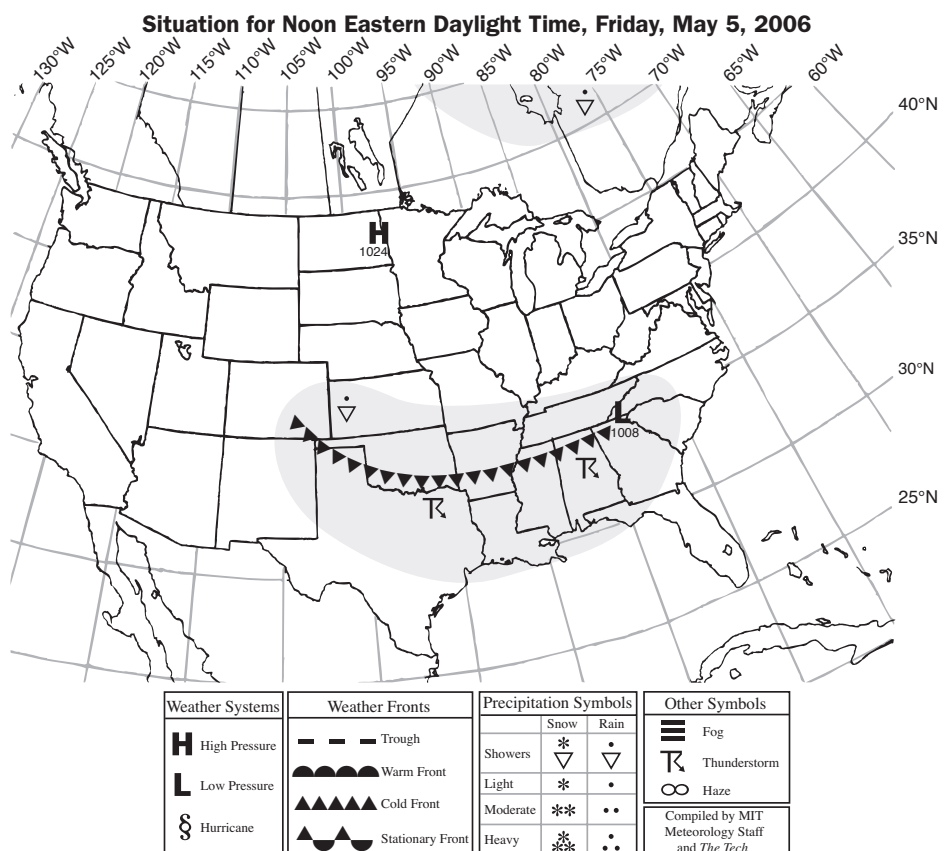
Tonight: Mostly cloudy and mild. Low near 56°F (13°C).

Saturday: Partly cloudy and still mild, though not as warm as today. High near 70°F (21°C).

Saturday night: Clear and cooler. Low near 46°F (8°C).

Sunday: Sunny and pleasant, but more seasonable temperatures. High near 64°F (18°C). Low near 45°F (7°C).

Monday: Continued sunny and seasonable, with highs again near 64°F (18°C).



Study Finds NASA Overloaded With Tasks and Short on Money

By Warren E. Leary
THE NEW YORK TIMES

WASHINGTON

NASA has too many tasks and too little money to maintain a vigorous science program, a situation that threatens to erode the nation's leadership in space research and the goal of eventually sending humans to Mars, the National Research Council reported Thursday. "There is a mismatch between what NASA has been assigned to do and the resources with which it has been provided," said Lennard A. Fisk, chairman of the council's Space Studies Board, which wrote the report at the request of Congress.

"We are particularly concerned that the shortfall in funding for science has fallen disproportionately on small missions and on funding for

basic research and technology," said Fisk, a space science professor at the University of Michigan and a former NASA associate administrator for science.

NASA has come under heavy criticism from scientists since the administration proposed the agency's 2007 budget, which requested \$16.8 billion, including \$5.3 billion for space science. But while money would be added to continue flying the space shuttle and completing the International Space Station, the science budget would be held about even for the following four years — \$3.1 billion less than officials had expected from earlier estimates.

Michael D. Griffin, the NASA administrator, said he had no choice but to take money from science and from

the new human exploration program to pay to keep the shuttle flying until it was retired in 2010.

The budgeting jeopardizes the Bush administration's plan for human exploration of the moon and Mars, the report said. Fisk said that because Congress had requested his group's report, the committee felt free to recommend that lawmakers allocate more money for NASA to correct expected deficiencies in science. It would take only a relatively small amount directed at the most critical areas to carry NASA science through the five years, he said. "It would take about 1 percent of NASA's total budget per year, about \$160 million, to ameliorate the damage to research and analysis, and the small missions," Fisk said in an interview.

As Sudan Deadline Passes, Darfur Rebels Pressed to Sign Peace Deal

By Joel Brinkley
and Lydia Polgreen
THE NEW YORK TIMES

WASHINGTON

As the latest deadline for a peace agreement between the Sudanese government and Darfur rebels passed Thursday, American, European and African leaders stepped up the pressure on the rebels to sign it, diplomats said, and an agreement seemed close.

Late Thursday, the Nigerian president, Olusegun Obasanjo, invited all the negotiators to his presidential villa to provide a formal setting for the signing, should it come. In New York, Kofi Annan, the secretary general of the United Nations, called an emergency meeting on Sudan and asked represen-

tatives from 18 nations, plus the European Commission, the Arab League and the African Union, to press both sides to reach an agreement.

The efforts appeared to be the culmination of a week of intensive negotiation over a draft peace agreement intended to end more than three years of carnage in the Darfur Province of Sudan that has left more than 200,000 people dead.

As the midnight deadline approached in Nigeria, where the peace talks were held, the diplomats and heads of state gathered in a plush conference room on the grounds of the presidential villa. With 40 minutes to go, negotiators for the rebel movements arrived, dressed in suits and

ties, not military fatigues, as they had worn the day before. But no one said a deal had been reached.

"Our people sent us here to bring back their rights," Abdul Wahad al-Nur, the chief negotiator for one of the factions of the Sudanese Liberation Movement, one of the rebel groups, said at the villa. "We cannot accept anything less than their minimum rights. Other than that, it is too early to make any comments."

Proposed revisions of the agreement would allow a few thousand rebels to join the Sudanese army instead of a few hundred, and would force the government-backed janjaweed militias to disarm and withdraw at an earlier stage than previously stipulated.

Britain Takes Charge Of Nato Force in Afghanistan

By Carlotta Gall
THE NEW YORK TIMES

KABUL, AFGHANISTAN

Britain took command of the NATO peacekeeping force in Afghanistan on Thursday, in preparation for the expansion of its role into the turbulent southern and southeastern areas of the country in what a NATO representative called the alliance's most challenging operation to date.

Lt. Gen. David Richards assumed command in a short ceremony at which he issued a warning to insurgents that he intended to build a strong security force with NATO and American forces under a unified command. Richards took charge immediately of 9,000 troops of the NATO-led International Security Assistance Force stationed in Kabul, the Afghan capital, and the northern and western parts of the country, where their focus is on supporting reconstruction activities. By the end of July, he will assume command of NATO and other forces in southern Afghanistan, adding combat operations against insurgents.

The arrival of some 6,000 NATO troops in the south will allow the United States to reduce its force of 19,000 troops by between 2,000 and 3,000 in August. American forces will remain in the border provinces of eastern Afghanistan and are expected to come under the NATO flag by November, giving Richards command of the military force across the country.

New Israeli Government Intent On Setting Borders

By Greg Myre
THE NEW YORK TIMES

JERUSALEM

Prime Minister Ehud Olmert won formal approval for his coalition government on Thursday, and he told the Israeli parliament he was prepared to set Israel's boundaries during its four-year term.

In laying out the policies of his new government, Olmert also raised concerns about Iran and its nuclear program, saying he took seriously the threats to destroy Israel by President Mahmoud Ahmadinejad of Iran.

"We must not ignore what the president of Iran says — he means everything he says," Olmert told lawmakers.

In Tehran, Iran's top army brass on Thursday retracted a threat made Tuesday that Iran would make Israel a target if Iran came under American attack over its nuclear program, Agence France-Presse reported.

But Olmert's focus on Thursday was on the borders he hopes to draw with the West Bank, with or without Palestinian involvement.

"The borders of Israel that will be formed in the coming years will be significantly different from the territories under Israel's control today," said Olmert, who has set a target date of 2010 for setting the boundaries.

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Rob Malenka, Stanford University School of Medicine;
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and many others

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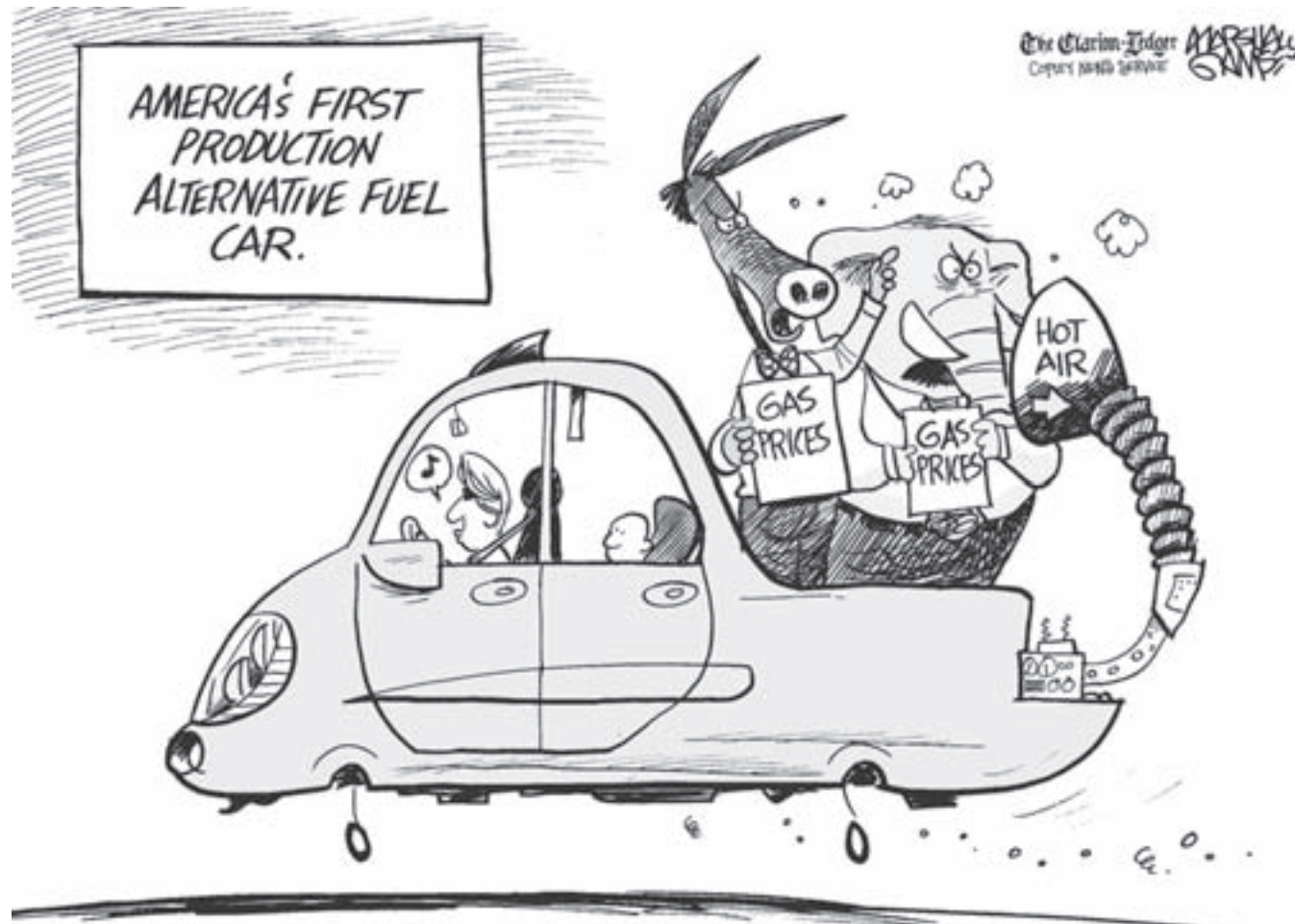
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The Freshmen on Campus Decision

Larry G. Benedict

MIT has reaffirmed for many years its commitment to the essential educational experience for undergraduates provided by a residentially-based campus community. The Presidential Task Force on Student Life and Learning Report (<http://web.mit.edu/committees/sll/>), issued during the summer of 1998, states that the “residence system is at the heart of the MIT community” and further reflects that “the value of maintaining it as such lies primarily in the degree to which its students learn from one another. Collaboration among students and interaction with faculty, whether they take place in formal or informal settings, are the distinguishing qualities of the academic, research, and community activities that take place at a campus-based university.”

This integration of the student living and learning experiences is central to the mission of MIT. From the student perspective, engaging in all that MIT has to offer involves learning ways to embrace the entire MIT community experience in addition to the specialized opportunities created by the many sub-communities. The structure of the undergraduate residential experience permits new students to make their home for their first year in one of

eleven undergraduate residences based upon the students’ preferences. During this first year, they can explore the offerings of other residence halls as well as Fraternities, Sororities and Independent Living Groups and may opt for a different experience as sophomores, juniors or seniors.

This residential pattern has value because it provides first year students a special way to be welcomed into MIT’s academic family and acclimate more quickly to the educational process. It is especially valuable in how it helps new members of the Institute community to understand what it means to be *at* and *of* MIT through a variety of programs, including

freshman advising, residence based advising, and engagement with faculty housemasters and Graduate Resident Tutors as well as upperclass students. So too, we strive to help them personally wrestle with how they will take full advantage of their time at MIT — how they will use this remarkable resource to understand themselves and

their environment better and develop skills necessary to lead and problem-solve in an increasingly complex world.

The on-campus residential program is intended to provide these options for the first year students. The role of the house teams, including the housemasters, GRTs, house managers, and residential life associates, is directed toward supporting this student growth and development. Programming is designed to engage the first year student and address issues such as health and wellness, academic support, leadership development, meeting others, and getting involved at MIT.

Aligning these educational and community goals with the expectations of entering students, and their parents or guardians, underscores the importance of this residential experience as a shared foundation for beginning this challenging academic adventure. Parents and students expect to arrive on campus knowing where the student will be living, and anticipate that the first year will be an opportunity for transition

from home life to college life. As the students become acclimated to the demands and expectations at MIT, they also come to learn more about themselves and their personal as well as academic goals. This knowledge and increased confidence permits them to explore a wide array of additional opportunities that can enhance their learning experience at MIT.

Thus, following the first year, students may opt to remain in their selected residence or choose a different experience and reside in one of thirty-six FSILGs. The various residence halls and the FSILGs provide unique environments and reflect the rich diversity of options available to our students. These communities encourage students to actively participate in the ongoing creation and development of the residential experience so that it is meaningful and relevant to their education as they progress through MIT. The overall residential program is designed first to assist the students’ transition to MIT and then subsequently to support them in making individual decisions about the residential choice that best complements their needs. The program strives to focus, in a sequential way, on our students’ developmental and educational goals thus creating a learning experience that is greater than the sum of its parts.

Larry G. Benedict is MIT’s Dean for Student Life.

The knowledge and increased confidence of living on campus their first year permits freshmen to explore a wide array of additional opportunities that can enhance their learning experience at MIT.

TEAL: A Second Opinion

Elizabeth Chhouk

I wish to clear up misconceptions introduced by the *Tech* column by Aditya Kohli published on May 2, “TEAL: Building Resistance.”

Technology-Enhanced Active Learning was developed to lessen the distance between an instructor and his or her students (figuratively and literally), as well as reduce the impression many freshmen have that physics is an abstract theory separate from the real world. The smaller classes in the well-lit rooms, as well as the round-table arrangement, provide a unique experience; the division of the class into groups encourages familiarity between classmates sharing table, as well as intelligent discussion during collaborative activities. Integrated experiments are designed to provide context for the material, which is especially useful in electromagnetism, where all of the concepts are abstract.

Now that you know the basics, it’s time to clear up the misconceptions:

- “The main reason for ‘improvements in student performance’ after switching to the TEAL system can be accounted for by the mandatory attendance.”

This seems to imply that students are sponges that absorb information through osmosis. Of course greater exposure to a topic generally leads to greater familiarity with it, but how much a student learns is also dependent on the active role that student takes in mastering the material.

- “TEAL professors must adhere to a standard presentation,” and “students are forced to stare at PowerPoint presentations for hours on end.”

While there are PowerPoint presentations prepared far in advance, it is ultimately up to the lecturers to decide how to convey that material to the students. Professor Dourmashkin, for example, follows the basic outline suggested by the presentation, but prefers to teach using the white boards.

- “There are no recitations. Instead, there are office hours, which are crowded and ineffective.”

Traditional physics recitations were of-

ten just like lecture, therefore TEAL course administrators decided to replace them with class. “Office hours are traditional office hours,” Professor Eric Hudson has told me. “We just try to have more of them.” Indeed, there are many options for students, some of which are held at unusual yet extremely convenient hours, e.g. 8 p.m. to 10 p.m. the night before problem sets are due. It is the rare case they are overcrowded, and yet in that event, the instructors manage to impart a fair amount of information. Also, many of the professors and Teaching Assistants are very friendly when it comes to helping students understand sticky points.

- “The small groups force the brighter students to complete most of the experiments and group problems, while leaving those momentarily less capable behind.”

TEAL rightfully assumes that small groups of three will be able to collaborate to learn from an experiment or in-class problem; hence the set-up of the thirteen round tables. TEAL stands for “technology-enhanced active learning,” and it counts on students assuming an aggressive role in their education.

I feel many of the complaints about TEAL are fueled by things heard from other students, and not objective criticisms of the actual teaching format. Even I tried to avoid TEAL by taking 8.012 (a more theoretical course in classical mechanics) last semester, a decision based on hearsay. This semester, however, I am taking 8.02T, which took some getting used to, but overall I am satisfied with the learning experience. I am fairly familiar with the professor for my section and have no problem talking to any of the TAs, contrary to the objection raised in Tuesday’s column, and I find that when I understand the experiments, they help piece together my understanding of electromagnetism. Anyone with valid complaints should not be afraid to send an e-mail to their professor, one of the TAs or Professor Eric Hudson, the course administrator. They will take you seriously and really try to work with you to help improve your learning experience.

Elizabeth Chhouk is a member of the Class of 2009.

A Double-Standard Of Revisionism

Dennis Wu

The recent controversy over the class materials of “Visualizing Cultures” has generated much discussion. Being unfamiliar with this class and the professors, I am not in a position to comment on the issue, but it does remind me of perhaps a more important topic, namely, historical revisionism.

Historical revisionism refers to the manipulation and distortion of history. A noted example is Holocaust denial. Among the Holocaust deniers, David Irving is one of the most notorious — he described Adolf Hitler as a rational and intelligent politician while blaming Winston Churchill for the eventual escalation of the war. He also claimed that the German invasion of the Soviet Union in 1941 was a “preventative war” forced on Hitler to avert an impending Soviet attack. On February 20, 2006, he was sentenced to three years in prison for the denial of the Holocaust, which is illegal in Germany and Austria.

Germany not only outlawed the denial of the Holocaust but also repeatedly repents over its war-time crimes. As German chancellor Gerhard Schroeder said when he paid tribute to the victims of the Auschwitz death camp on January 25, 2005, “I express my shame in the face of those who were murdered — and above you all... Remembering the era of National Socialism and its crimes is a moral obligation — we owe that not only to the victims, the survivors and the relatives, but to ourselves.”

Unlike Germany, which views the war crimes as shame, revisionism is not only legal but common in Japan. The Japanese prime minister and congressmen even worship war criminals at the Yasukuni Shrine. Can you imagine the German government worshipping Hitler? However, this behavior gains support from the Japanese people. For example, here is a quote from the book *Yasukuni* by Kobayashi Yoshinori:

“The Allies’ International Military Tribunal for the Far East was not based on international laws and was a barbarian revenge ritual... those executed were illegally sentenced and were not criminals.” There are many other books full of this kind of revisionism, including school text-

books.

Some argue that Japan has apologized many times for the war. That is perhaps true, but the deepest possible apology “shazai” was never used in their statements. In addition, Japan’s actions contradict its apologies — for example, Japan still claims sovereignty over the Korean island Dokdo that it incorporated on February 22, 1905, even though the island is currently under Korean control. Also, Japan still occupies the Chinese Diaoyutai islands, which along with the island of Taiwan, were annexed from China to Japan after China lost the Sino-Japan war in 1895.

Comparing German and Japanese attitudes towards their past, it is not hard to see why trauma from the past is still deeply imprinted on Asians and why people would have such fierce reactions to images depicting Japan’s war-time crimes. Before the history is thoroughly understood, how can we hope for a better future?

Of course, few things in the world escape the influence of the U.S. It was the U.S. which decided to spare Emperor Hirohito from execution, whether for an easier occupation of

Japan or for the emperor’s alleged lack of control over the military. (Recent evidence produced by Pulitzer-prize winner Herbert P. Bix indicated that the emperor worked through intermediaries to exercise a great deal of control over the military, and that he may even have been the prime mover of most of the events during the war). It was the U.S. that made the ownership of Dokdo a controversy by not returning the sovereignty of the island to Korea along with the islands of Ullungdo, Kommundo, and Chejudo at the 1952 San Francisco Peace Treaty. It was also the U.S. that turned the administrative control, but not sovereignty, of Diaoyutai islands to Japan along with Okinawa, leaving Diaoyutai a territorial dispute.

America has been a strong ally to Japan after the war for strategic reasons such as the containment of Russia and China’s influence in the Far East. Drwaing the line between interests and morals is a task not only for policy makers, but for each of us.

Dennis Wu is a graduate student in Electrical Engineering and Computer Science.

Comparing German and Japanese attitudes towards their past, it is not hard to see why Asians would have such fierce reactions to images depicting Japan’s war-time crimes.

Flaming
on your
mind?



Join *The Tech’s*
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ARTS

INTERVIEW

Hanging Out With Cake

The Tech Talks With Trumpet Player Vince DiFouri

By Benjamin Gleitzman
STAFF WRITER

Cake, formed in Sacramento, California in 1991, blends witty lyrics and distorted guitars with syncopation and brassy trumpet licks. This week-end *The Tech* sat down with Vince DiFiore, the modestly dressed trumpet player, keyboardist, and harmony vocalist who provides the classic trumpet solos that have come to personify the Cake sound. (Look for *The Tech's* review of the Cake concert next week!) We talked about life on the road, touring abroad, and the Digital Millennium Copyright Act.

TT: Between Atari, classic Nintendo, Xbox, or Frisbee, what's your pick?

DiFouri: Frisbee, definitely. I missed most of the video generation. My first game was Pong in junior high school and it was sort of like a first love. All the other video games seem pretty cool to me but there's a lot going on in them and it makes me feel sort of nauseous [sic]. I've seen some of those games and I appreciate the technology of them, but I really got my nut with Pong.

You can't beat Frisbee because you can use a yogurt lid. I've played Frisbee very effectively on a tour bus before with a yogurt lid.

TT: How do you tour? What's your favorite mode of transport?

DiFouri: We've been taking a lot of plane trips recently. The tour bus is nice but it's a little bit like living in a bowling alley. You've always got your bunk; you've always got your space. There's a microwave oven if you feel creative.

TT: A few years ago your song "Perhaps, Perhaps, Perhaps" was featured in a clever Snapple ad. How do you decide who to license your music to?

DiFouri: The Snapple ad was actually unauthorized. They used that song and it was not even us. They made it to sound just like us.

TT: How do you feel about that?

DiFouri: Well, it is stealing. They shouldn't have done that. Maybe it was good publicity for us anyways.

TT: I know you like to cover songs such as "I Will Survive" by Aretha Franklin and Sinatra's "Strangers in the Night." How do you feel about the Digital Millennium Copyright Act [which makes it illegal to cover songs by certain artists, such as the Beatles]?

DiFouri: It's always a compliment to a band when you cover their songs. The one Beatles song that we've done is "And Your Bird Can Sing." We didn't record it or anything but we practiced it. It was something we did before "Pressure Chief" as a way of getting our chops together and suggesting certain styles of playing.

There was an ethic [for cover songs] that was created. For rock bands you were supposed to be saying something original and I think it started with Bob Dylan. He was saying something that was revolutionary and eye-

opening. People expect that from musicians; that they're going to say something new and open a can of worms. I think it's sort of unreasonable to expect that sometimes. In more sane traditions like country and western, you have covers. Like Frank Sinatra — his whole career was covering songs. He's one of the most notable music acts ever. Elvis Presley sang a lot of cover songs. I don't think there's anything wrong with it.

TT: What's more important to Cake, the lyrics or the sound?

DiFouri: It all starts from the lyrics. What the sound does is support the lyrics. It gives the people something to dance to so that they have the patience to listen to the lyrics.

TT: Do you think people listen to the lyrics anymore?

DiFouri: On the records they do. That's one thing that this band is based on — the ridiculousness of going to live shows and not hearing any of the words. We try to make the arrangements such that the words can be picked out like a hot potato of sound where everybody takes a turn doing something. When the vocals are going, that's central, and it's not about the surge of guitar supporting the vocals because all that does is squash it.

TT: You recently toured Spain and Japan. How do you develop fans abroad?

DiFouri: It's a great process. We've been lucky because we've had the support of a major label. The song gets out there on the radio so people know about us. They listen to the album. We go to countries where English is not the main language and they're singing all the lyrics to the songs. People in France sometimes understand

the lyrics more than people do in the United States. They understand the humorous angle a little bit more exactly as it was meant to be. The same goes for Japan. We went to Jakarta and people were singing along in English.

TT: Is it true that you don't use set lists?

DiFouri: We don't use set lists. We play the songs that come over well live. We have a big set of songs in our head that we know we can play.

TT: What is your favorite song live?

DiFouri: My favorite song is probably "Frank Sinatra," which we play almost every time. It always goes over well with the audience. "The Distance" is a lot of fun to play.

TT: Does it ever get old playing these songs?

DiFouri: I recently went to this concert, a guy called Ramadas, and he does music called Kirtan with very repetitive chanting. I went with my wife and we're sitting in there and it's just the same words over and over. At first I was really bored and then you get into it and even though it's the same thing over and over again it just gets deeper and deeper every time. So that's what it's like performing these songs live. You know them like the back of your hand but you try to get inside of it even

more and be more comfortable playing it. Put a little more force into it without distorting it.

TT: What was the inspiration to use the vibraphone? Why is that in so many songs?

DiFouri: It's descended from the jawbone of a large mammal, like a yak. It's evocative of the '70s cop show sound. It's a little suspenseful and it packs a lot of punch for [the] small instrument that it is. It evokes a lot of action imagery.

TT: You met George Clinton [of Parliament Funkadelic] in Australia, how was that?

DiFouri: It was great. He was just backstage and seemed to be dealing with being on tour, basically. He didn't bare his soul to us or anything. But we did get to meet him and he was totally mellow.

TT: What do you do to stay busy when you're on the road?

DiFouri: We read. I sightsee. I probably sightsee more than anyone in the group. The rest of the guys I don't really see that much. We really give ourselves space. We don't hang out that much because we've been together for so long.

We recently did this Unlimited Sunshine Tour and we had a comedian on our bus. That was really good to break things up because he talked so much. Having this other guy take up all the sound space was nice.

TT: How often do you get noticed on the street?

DiFouri: I never do. John [McCrea] does because he looks like a rock star. When I'm with John I see he gets noticed, especially after a show.

TT: If you could play live with anyone who would it be?

DiFouri: We recently did an Unlimited Sunshine show with The Flaming Lips, Modest Mouse, De La Soul, and Kinky. If we could play with anybody it would probably be a tour with Jethro Tull or Elvis Costello.

TT: If you could play with any historical trumpet player who would it be? Who do you look to for inspiration?

DiFouri: I look to Dizzy Gillespie, Lee Morgan, Clifford Brown, Louis Armstrong,



CHRISTINA S. KANG—THE TECH

Cake trumpet and keyboard player Vince DiFiore interviews with *The Tech* during a soundcheck in Johnson Athletic Center before the Spring Weekend concert on Friday, April 28. DiFiore sits with his trumpet case and copy of "Guns, Germs and Steel: The Fates of Human Societies," his current means of passing time.

and Miles Davis. Lee Morgan is my favorite right now. He was in Dizzy Gillespie's band and then went out on his own and made some really bluesy records. I listen to music that I aspire to play like. If I really want to be inspired by something it can be anywhere from Radiohead to a cheesy country song.

TT: What's your favorite thing about rock and roll?

DiFouri: It didn't blow out completely. It didn't burn itself out and it still exists. It wasn't something that was so out of control and got away from itself. [Rock and roll has] gone through different periods and people have accepted it as part of the life experience without it destroying the world. Well ... it has destroyed some people's lives, I guess, but that gets to the fact that it's stayed around and proven itself as folk music instead of just the seeds of destruction.

THEATER REVIEW

'Wicked' Awesome

Original Twist on Classic Story Delights Audience With Comedy and Depth

By Brian Chase
SPORTS EDITOR

Wicked
Broadway in Boston Series
The Opera House
April 12 – May 14, 2006

I'll save you ten minutes and say this right off the bat: go see "Wicked." It is an excellent musical with clever lyrics, great melodies, and more interesting themes than you can shake ruby red slippers at.

Now, for those of you interested in the details, "Wicked" is a musical based on the book of the same name by Gregory Maguire, which is itself a re-imagining of the famous book and movie "The Wizard of Oz." "Wicked's" twist on the classic tale tells the story from the point of view of the Wicked Witch, Elphaba, and centers on her relationship with Glinda, the Good Witch. The progression of the two from enemies to friends to something in between is the foundation of the plot, and the most moving and emotional theme in the

musical.

This is not a one-note work (pardon the pun). Winnie Holzman, who adapted the musical from the book, takes several interesting topics: governmental lies, manipulation of the populace via the press, demonization of those who are different, herd mentality of the common man, love, hate, and some great school "pick on the nerd" examples I bet many MIT students will empathize with. This musical engaged my mind the entire way through without becoming boring or preachy.

"Wicked" is not an entirely serious musical either. There is some engaging wordplay in the first act, along with some great physical comedy from Glinda. In the second act, the show plays on its famous movie forerunner for laughs in darker spots. Though that wasn't

very creative, it still elicits a chuckle.

The music is extremely well-written, from both the lyrical and musical perspectives. The melodies are by turns catchy, inspiring, and emotionally affecting — the exceptional songs like "Defying Gravity" are still running through my head. However, the chords of the musical are fairly spare — if you are a fan of lush orchestration, you won't find it here. I didn't mind, though, because the harmonies included are great. The best parts of the music,

though, are the lyrics, because composer-lyricist Stephen Swartz is not afraid of using a thesaurus. When you can work words like dialysis, clandestinely, and ambiguities into your rhyme schemes clean and purposefully, you have accomplished something special. I have never heard lyrics as intelligent as these,

An excellent musical with clever lyrics, great melodies, and more interesting themes than you can shake ruby red slippers at

which were still fun and conveyed the emotion and story of the song.

Though I didn't pay particular attention to the dancing and technical aspects, they certainly added to the experience. The costume pieces other than the usual story-driven parts (black pointy hat, ruby red shoes, etc.) include funky old dress clothes — think Dickens on a drug trip. They emphasize the quirkiness of Oz well, and the animal costumes work well, too. The actors who played the flying monkeys showed strong technique, scene transitions were mostly smooth, and effects (especially the movable metal head the Wizard uses to scare his visitors) were impressive. The dancing, though not spectacular and used sparingly, emphasized and improved a few numbers.

Julia Murney, who plays Elphaba, does an absolutely fantastic job, and the rest of the cast is good as well. The show is sold out, but if you are willing to wake up early you may be able to get some cancellation tickets, and it would be worth the extra effort.

RESTAURANT REVIEW

Park Plaza Perfects High Tea

Fresh Treats and Unique Teas Contribute to Cultured Experience

By Jillian Berry
ASSOCIATE ARTS EDITOR

Swan Café
Boston Park Plaza Hotel
64 Arlington Street
Boston, MA 02116
(617) 426-2000
bostonparkplaza.com

The Swan Café at the Boston Park Plaza Hotel is one of only a handful of spots in Boston that offers traditional tea service every afternoon from 3-5 p.m. The café is elevated and open to the bustling lobby, but a player piano and lush fabrics drown out the noise of the lobby and create an intimate setting.

This sophisticated location offers multiple tea services, including a traditional service (\$23.50) and a seafood service (\$25.50). Both are served as three-course meals accompanied by a choice of teas, which you choose from a list of approximately a dozen varieties.

The Swan Café's own tea blend is an unusual mix of Ceylon and green teas with a hint of vanilla and other flavors. The tea is medium-

strength with an initially sweet taste that gives way to a little bite at the end. The Boston blend combines Indian and African teas to produce a strong tea that is more bitter and less sweet than the former. With a little milk, however, it is just right.

The first course of the service is a cranberry scone with Devonshire cream and strawberry preserve. The scones are baked fresh for each person, so we waited ten minutes, but the warm treat that emerged from the kitchen was worth it. The scones are incredibly moist and dense, and break without crumbling. The preserve and Devonshire cream (similar to butter) just add to the buttery and flavorful scone.

Although the scones were incredibly filling, they were just the beginning. The second course is a multi-tiered tray of treats, including chicken salad, egg salad, shrimp salad, and asparagus

tea sandwiches. The seafood service consists of smoked salmon, tuna salad, crab salad, and shrimp salad sandwiches. The sandwiches are unconventional, with a thin and crunchy layer of toast topped with the various fillings — as opposed to the more traditional small, white bread sandwich. The smoked salmon sandwich

has very high quality salmon accompanied by capers. The chicken salad sandwich has a fresh and creamy filling that compliments the crunchy bread well.

In addition to the sandwiches, the second course includes pound cake, petite fours, chocolate-covered strawberries, and truffles in both services. There are two different varieties of pound cake, plain and orange. Both are moist, sweet, and wonderfully dense, and the pieces of oranges add a great burst of flavor. The petit fours are beautifully decorated with their pink icing and sugar flower tops, but, as is often the case, they looked better

than they tasted. The icing is far too sweet for the tiny cake, and I just could not finish it. The chocolate-covered strawberry was also a little disappointing; even though the strawberries are slightly tart, perfect for this treat, the chocolate is too thinly spread and not creamy enough. Finally, the truffles of sinfully rich dark chocolate cleanse the palate from the other indulgent sweet desserts.

The final course of the meal is a tea-infused crème brûlée, which comes in a tiny tea cup. It is much lighter and less sweet than a traditional brûlée. The tea infusion adds a subtle flavor, if not so subtle brown color, and it is a great end to an amazing meal.

Overall, the wonderful food is made even better with attentive servers, making this a memorable meal. Even though the portions are small, there is so much that I left stuffed. But let's be honest, this was not a cheap experience you could enjoy every day. The Swan Café is a great place to bring your parents when they're in town — they'll think you're so cultured. Whatever the reason, you should get dressed up and experience high tea at least once in Boston.

Overall, the wonderful food is made even better with attentive servers, making this a memorable meal.

FILM REVIEW ★★★½

Disrupting the Flow

Controversial Film 'Water' Explores The Politics of Hinduism

By Parama Pal

Water
Written and directed by Deepa Mehta
Starring Seema Biswas, Lisa Ray, John Abraham, Sarala
Rated PG-13
Opens Today

Water is the last installment in Deepa Mehta's critically acclaimed elements series. As Mehta is one of the most interesting directors of our time, I arrived to the Boston premiere at the Museum of Fine Arts with high expectations. She exceeded them.

The movie was admittedly breathtaking, but the truly amazing experience began after the film, when Mehta spoke to the audience. Seven years in the making, "Water" was surrounded by such controversy that angry mobs stormed the set and threw its pieces into the Ganges River. After that, Mehta continued filming, but in a different country under another title.

"Water," no ordinary film, is part of the elements series with "Earth" and "Fire." "Earth" explored the politics of war, "Fire" the politics of sex, and "Water" the politics of religion. "Water" is the story of three widows, and how the Indian Independence movement affects their lives irrevocably, making them question the set of beliefs upon which their existence rests.

Mehta started her presentation by speaking

about a particular event that took place eleven years ago, when she was filming another movie in Varanasi. Though Mehta's mother was a widow, she had lived with Mehta's family as the head of the household. It was shocking for the filmmaker to see the widows in Varanasi lived in their stark ashrams, or houses of holy retreat. "They were a different kind of widow ... [I was] so deeply moved ... by how they lived, and why they lived the way they live ... it was inevitable that 'Water' would be about the widows." As the session moved on, the floor opened to a question and answer session. Mehta answered thoughtfully and completely, entertaining every question with patience even though it was evident that she had been asked many of them multiple times before.

The first question concerned the setting of the film. "Water" is set in the 1930s — why not now? At that time, Mehta explained, child marriages were still prevalent, and Chuyia, the narrator of the film, is a child widow. The next day, when I spoke to her, she explained that Chuyia was the best possible narrator because "children don't judge." Mehta said she also wanted to "capture the fabric of the changing times"; in the late 30s, India was on the cusp of its independence movement and Gandhi's influence was beginning to spread.

When the discussion moved to casting, Mehta related the story of her search for Sarala, the child actress who plays Chuyia. Extensive searches of children in India yielded actresses

who only overacted, Bollywood-style. This drove Mehta to Sri Lanka where she found Sarala, who didn't even know Hindi and had to learn her lines phonetically. The girl is incredibly talented; Mehta commented on renowned director Satyajit Ray's advice that when working with children, one needs to make sure they're very intelligent, and are truly interested in the project.

Next, Mehta explained the controversy surrounding "Water" and how she dealt with it. In India, there is an organization that reviews every script to make sure that it is appropriate for the public and not anti-Indian. "Water" went through its review without a hitch, and in fact, Mehta received a compliment on her wonderful script. She also held extensive meetings with natives of the area she was filming to help them understand her film's message. Nonetheless, two days into filming, a huge mob encouraged by an extremist religious group showed up near the set, claiming that her film was anti-Hindu. The Indian Army came to protect them during shooting, but the producers were still driven away to Sri Lanka.

I later asked her why she didn't expect a reaction like that after the controversy that her previous film "Fire," which was about a lesbian couple. Mehta said a common misconception was that "Fire" had been controversial from the start, when in fact it had been in the box office for four weeks with no reaction until a political party decided that it was wrong. She

spoke bitterly about how they used her movie to suit their needs, but said she did not expect a similar backlash from "Water," because India's political climate has changed considerably in the last six years. After the experience with the mobs, she was so angry that she feared it would cloud her direction of the script, so she took four years to make sure that she could heal. The controversy, she revealed, made her to believe in the film's message even more.

The core idea of "Water" is the morality of religious practices, Mehta said. The character Shakuntala, who experiences conflict between faith and conscience, is the truly central figure of the film. Shakuntala must decide whether Kalyani, a widow in the ashram, can marry a man she loves — or prostitute herself to support the ashram. As another example of religion gone wrong, Mehta described the creation of child marriage in the ninth century, when Mongol invaders murdered everyone but married women, so people forced their little girls into wedlock to protect them. By the 1930s, however, it became a way for families to feed one fewer mouth; in short, oppression by the avenue of religion.

Someone asked whether Mehta thought her movies have created awareness, and she happily replied that the reaction to her movie during film festivals was "pretty amazing." Though movies themselves can't change much, she admitted, they can begin the dialogue that will lead to that change.

ON THE SCREEN

— BY THE TECH ARTS STAFF —

★★★★: Inspired brilliance
★★★: Solid filmmaking
★★: Mild entertainment
★: Embarrassing drack

★★★½ American Dreamz

This is one of the few comedies in recent years that doesn't give away its funniest moments in the previews. What makes this film so enjoyable is the amazing cast, which includes Dennis Quaid, Hugh Grant, Willem Dafoe, and Mandy Moore. It would be incomplete, though, without the plethora of minor characters and impressive unknowns, like Sam Golzari and Tony Yalda. "American Dreamz" is delightfully satirical; the writers didn't hold back. Pretty much everyone and everything is a target: Bush and his administration, Britney Spears, Ryan Seacrest, the entertainment industry, the army, immigrants, terrorists, and gay stereotypes. (Alice Macdonald)

★★½ Ice Age: The Meltdown

This sequel begins where "Ice Age," the first film, left off; the animals have found a warmer paradise and discovered that the ice age is coming to an end. More appealing to a younger audience, "Meltdown" has a straightforward plot — and unlike recent animated features that dabble in pop culture — doesn't require viewers to be hip to get a good laugh. Despite the second-class graphics and predictable story, the movie is filled

with creative humor, and it accomplishes one goal with ease: entertainment. (Hendrata Dharmawan)

★★★ Inside Man

Think of "Inside Man" as a Da Vinci Code-esque film, with a huge mystery hidden behind small clues revealed every so often. The film draws us in right from the get-go, and it doesn't release us until the final secret is unveiled. Clive Owen excels as a calm and collected bank robber; he gives the impression that his character is conducting a well-rehearsed orchestra instead of pulling off a heist. Jodie Foster's character, on the other hand, is superfluous, and Denzel Washington is also disappointing. The plot and the idea behind the movie, though, are addictive — this may be not just the perfect robbery, but the perfect thriller as well. (Yong-yi Zhu)

★★★★ Lucky Number Slevin

A boss, a rabbi, a man in a purple-flowered towel, a cop, a perky neighbor, an assassin, and a missing friend: sounds like a recipe for total disaster. Somehow, though, this group of misfits comes together in one of the most brilliant films of the year. Director Paul McGuigan pieces together the stories of all these characters to make a disorienting dark comedy about a man who just happens to be in the wrong place at the wrong time — all the time. In a strong male cast, Lucy Liu steals

the show, and the superb acting is crucial; it makes this film come out just right. (Yong-yi Zhu)

★★½ The Notorious Bettie Page

Gretchen Mol plays Bettie Page, one of the most famous pinup models of the 1950s, who transformed from an innocent Tennessee girl into the queen of bondage. In addition to presenting her blossoming career, the movie shows the trials and tribulations Bettie endured as a woman with so much sex appeal. The acting was relatively weak, and some of the scenes came out of nowhere and do not add to the movie, but the makeup and cinematography do a convincing and authentic job of identifying the decade. (Yong-yi Zhu)

★½ The Sentinel

In a nutshell, "The Sentinel" is a movie about a presidential assassination, but the audience doesn't care about the well-being of the president. Its attempt to develop a "24"-like story inside of two hours falls short, making for just an ordinary action thriller. The film needed all the help it could get, but its all-star cast failed. Longoria and Douglas are poor choices, and Sutherland is the exact same actor we've come to know and love through "24"'s Jack Bauer. The film lacks coherence as well, and focuses too heavily on irrelevant minutiae; all this will leave a bitter taste in your mouth. (Yong-yi Zhu)

★★★½ Thank You for Smoking

This film is absolutely brilliant in making everything wrong seem right, everything disturbing seem funny, and everything pointless seem meaningful. Not until the end of the film did I realize that there was no plot — just one laugh-out-loud scene after another in the life of evil tobacco spokesman Nick Naylor (Aaron Eckhart). The list of talented performances is endless; from the amazingly creative opening credits to the last words, every part is selected with such care that the resulting creation is a contemporary work of art. (Yong-yi Zhu)

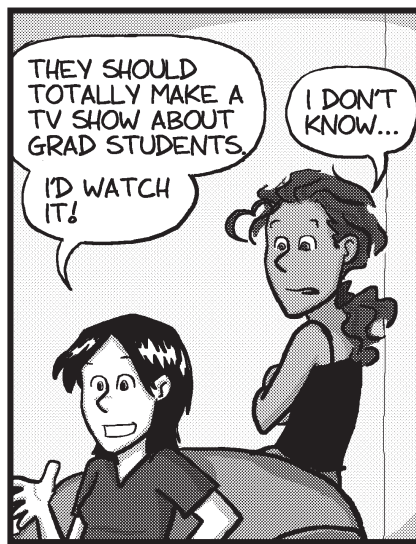
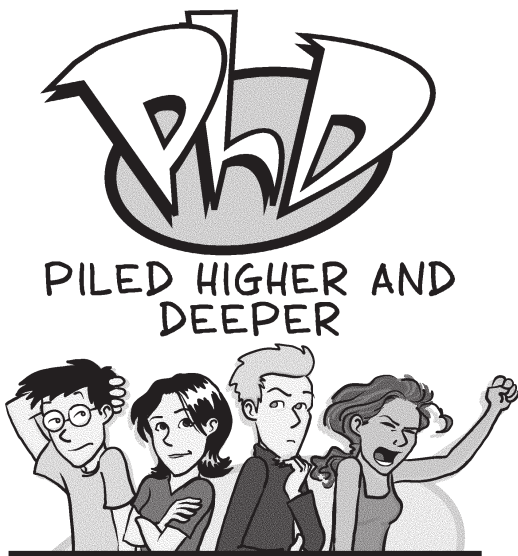
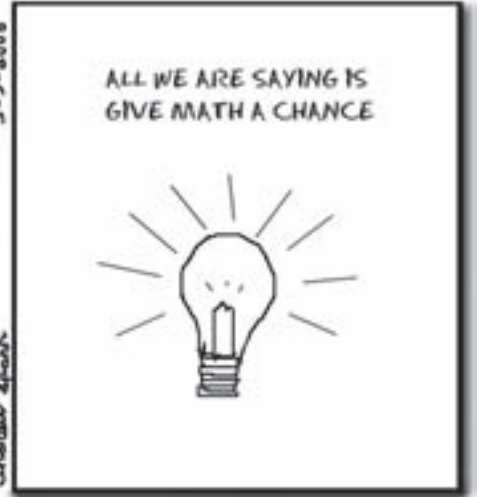
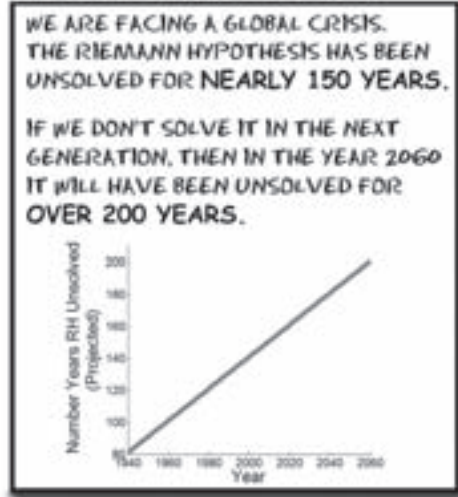
★★ V for Vendetta

Three great things about Alan Moore and David Lloyd's graphic novel "V for Vendetta" are that it's a collection of brilliant character studies, it's not like any other dystopian story, and the connection between the two main characters isn't reduced to a cheap and hackneyed infatuation. In their movie adaptation, the Wachowski Brothers changed all that. Natalie Portman's performance is memorable, a masked Hugo Weaving delivers his lines with great success, and as far as cinematography and special effects go, director James McTeigue doesn't disappoint. It's a far more difficult task, however, to tell a good story, and this movie doesn't. (Nivair H. Gabriel)

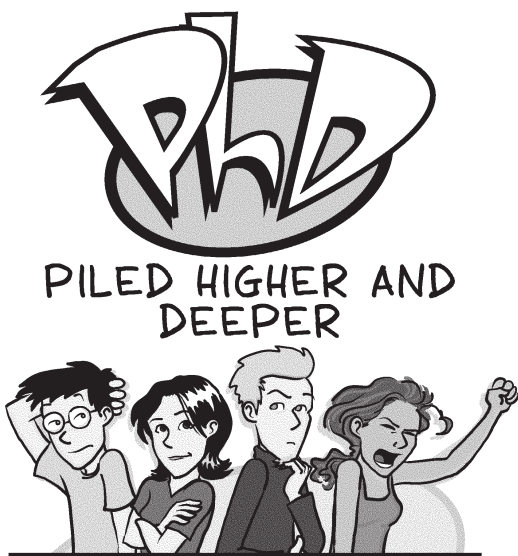
Compiled by Nivair H. Gabriel

Proof of False

by Andrew Spann



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ADDRESSING REVIEWER COMMENTS

BAD REVIEWS ON YOUR PAPER? FOLLOW THESE GUIDELINES AND YOU MAY YET GET IT PAST THE EDITOR:

Reviewer comment:

"The method/device/paradigm the authors propose is clearly wrong."

How NOT to respond:

× "Yes, we know. We thought we could still get a paper out of it. Sorry."

Correct response:

✓ "The reviewer raises an interesting concern. However, as the focus of this work is exploratory and not performance-based, validation was not found to be of critical importance to the contribution of the paper."

Reviewer comment:

"The authors fail to reference the work of Smith et al., who solved the same problem 20 years ago."

How NOT to respond:

× "Huh. We didn't think anybody had read that. Actually, their solution is better than ours."

Correct response:

✓ "The reviewer raises an interesting concern. However, our work is based on completely different first principles (we use different variable names), and has a much more attractive graphical user interface."

Reviewer comment:

"This paper is poorly written and scientifically unsound. I do not recommend it for publication."

How NOT to respond:

× "You #@%* reviewer! I know who you are! I'm gonna get you when it's my turn to review!"

Correct response:

✓ "The reviewer raises an interesting concern. However, we feel the reviewer did not fully comprehend the scope of the work, and misjudged the results based on incorrect assumptions."

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JORGE CHAM © 2005

Crossword Puzzle

Solution, page 12

FoxTrot by Bill Amend

Dilbert® by Scott Adams

su | do | ku

© Puzzles by Pappocom

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

Solution, tips, and computer program at <http://www.sudoku.com>; see also solution, page 12.

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Materials Science and Engineering

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See www.hertzfoundation.org for more details.

DA Says Former Professor Staged Attack On Himself

By Brian Macquarrie
THE BOSTON GLOBE

CAMBRIDGE

Former MIT professor John J. Donovan Sr., who amassed a \$100 million fortune as a businessman, executive mentor, and consultant, once proclaimed of his talents: "I tell the future." Thursday Middlesex District Attorney Martha Coakley said Donovan told a lie to Cambridge police and charged him with filing a false police report after he allegedly staged his own shooting.

Donovan is accused of falsely claiming that two men attacked him on the night of Dec. 16 as he left his Cambridge company and then telling investigators that he believed his son James orchestrated the shooting. In-

stead, law enforcement officials say, Donovan, 64, of Hamilton, carefully composed the crime scene - in which a car window was shattered by a bullet and spent .22-caliber cartridges were scattered in the parking lot - to make it appear that he had been targeted for murder by his family.

The indictment on the single misdemeanor charge has a maximum penalty of one year in jail, Coakley said. But the indictment seems likely to further damage Donovan's controversial reputation.

Donovan - who has had a long, successful career, first in academia and then in business - has been embroiled in a bitter family feud in which he has argued that his children have tried to force him out of his

68-acre Hamilton estate and other family properties. His children have contended that he sexually abused one of his daughters, an allegation he denies, and that he has continued to harass others in the family with frivolous restraining orders. Both sides remain engaged in litigation.

"We are saddened, but not surprised, by the actions of our estranged father referenced in the DA's indictment," said a statement by James Donovan and three of his siblings. "We hope this prosecution will bring him and any others who may be involved to justice." The four children would not speak further, representatives said.

The elder Donovan adamantly denies that he lied to authorities, said

his lawyer, Barry Klickstein.

"From the facts that I'm aware of, it's impossible that he shot himself, and I'm confident that the evidence will show he did not shoot himself or enlist anyone to shoot him," Klickstein said. "Shocked and stunned would both be good words to use to describe his reaction" to the indictment.

But as police investigated whether the shooting could have occurred as Donovan reported, Coakley said, the evidence did not support him.

Donovan told police he had been shot in the Vassar Street parking lot of his company, Cambridge Executive Enterprises, about 8:30 p.m. as he prepared to drive home to Hamilton. Coakley said Donovan told authorities that he was approached by two men speaking in heavily accented English and that he thought they were Russian. Some of the four or five shots that were fired deflected off a large belt buckle he was wearing, Donovan told police, and one passed through his left side without striking any organs.

Donovan called 911 on his cell phone to report the shooting, during which, he told authorities, one of his alleged assailants said, "He's not dead yet," Coakley said. Police responded to the scene, and Donovan was treated at Massachusetts General Hospital, where he was released the next day.

Coakley said the surveillance camera that is trained on the parking lot area where the alleged shooting occurred was not functioning that night.

"Authorities believe that some of the staging of that incident ... were off-site, but that the shooting itself, of his person, occurred at Vassar Street," said Coakley.

Coakley added that authorities do not know whether Donovan, an experienced shooter who had a weapons permit, had help in allegedly staging the shooting. During the months-

long investigation by Cambridge police, State Police, and MIT police, no weapon was recovered.

Donovan has often been described in the business world as a genius. A former professor at the Massachusetts Institute of Technology and its Sloan School of Management, Donovan started more than a dozen companies. One, a computer-services firm called Cambridge Technology Partners, was valued at more than \$1 billion at one time.

Donovan's business successes have become overshadowed in the last several years by his vitriolic relations with his five children. He filed for a restraining order against James in 2003 after telling authorities that a bullet was fired into his home. In that year, he also accused John Jr. of breaking and entering the headquarters of Cambridge Executive Enterprises. Both actions were dropped.

In a statement separate from his siblings, John Donovan Jr. said "despite all that has happened, I love my family. This situation causes me tremendous pain every day. If I can help my father or my siblings through this I will."

The legal acrimony has continued this year. In January, John Donovan Sr.'s third wife, Linda, sought a restraining order against James. In a hearing at Ipswich District Court, referring to the shooting of John Sr., she testified that "there is no question in my mind who caused that shooting, and it is James."

A former business partner of the elder Donovan said he was "not shocked" by Thursday's indictment.

"I learned over the years never to be surprised, particularly with him," said Stuart Madnick, a Sloan professor. "That's what makes him so interesting."

Globe correspondent Catherine Elton contributed to this report. Material from the Associated Press was also used.



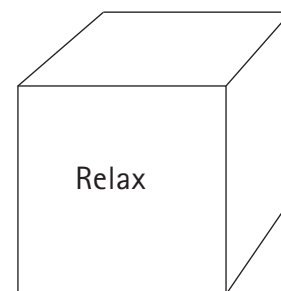
STEPHANIE LEE—THE TECH

Alison L. Chiang '08 and Iliana N. Jaatmaa '07 hold candles in support of sexual assault survivors at Take Back the Night, a rally held on Thursday to speak out against violence in the community. The event was co-sponsored by the Violence Against Women Act (VAWA) and Panhellenic Association.



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 MIT Medical

College Bellhop Raises Security, Cost Concerns Among Residents

College Bellhop, from Page 1

whether or not the residents would be willing to pay for the services next year.

The dormitories will not have an overhead cost for the service, so only those who choose the service will pay.

Jones said that so far, five of the dormitories have decided — East Campus, MacGregor, and Senior Haus will accept the service, and Baker and Random are declining. Jones said that the other dormitories have not yet notified him of their decisions.

The service would work as follows: a bin would be installed in the lobby of each dormitory, and residents would place their laundry in bags into the bin. College Bellhop would pick it up and return it washed, ironed, and folded. Dry cleaning service could also be arranged in a similar manner.

College Bellhop charges \$24.99 for one-time use and \$299.00 for a semester of weekly services, according to its Web site, <http://www.collegebellhop.com>. For that price, the company will take up to 25 pounds of laundry per week, though a more expensive package is also available.

Dormitory residents who choose to participate will be able to select from a range of differently-priced laundry packages depending on their needs. Also, DormCon is not holding a contract with College Bellhop so the services could be discontinued at any time if students feel it is not useful, said Jones.

"DormCon is merely to help facilitate the interest in the college bellhop service, but we are by no means trying to market it to the students ourselves," Jones said.

Of the total profit collected from

the students, 5 percent would then be given back to DormCon, which would keep a tally of the number of students using the service from each dormitory and appropriately reallocate the money back to each of the respective dormitories.

Random, Baker say no to service

Random Hall President Iolanthe K. Chronis '07 said that there were two main reasons why Random's residents were not interested in the service: security and cost. Having an outside service come into the dormitory each week would be a security risk, Chronis said.

Random is also unique in that it is offering its residents free laundry next year, after having obtained new washing machines this semester. Since laundry money will not be a part of the dorm revenue, Random is increasing the house tax per person from \$40 to \$55.

Baker House President Nikhil S. Nadkarni '07 also said that Baker residents did not feel that allowing an outside party into their dormitory would be very safe. On top of that, having a bin with dirty laundry sitting in the dormitory lobby and taking up extra space also is not ideal.

While the majority of Baker residents did not want the basic laundry services, a few were interested in the dry cleaning services offered by Campus Bellhop, but the interest was not strong enough to warrant taking the services. Nadkarni said that the consensus was that everyone could take care of his or her own laundry.

East Campus President Estevan M. Martinez '08 said that EC chose to get the services next year, though the general reaction to the laundry service was apathetic. Martinez said

that most people generally felt that the service was unnecessary, but they didn't mind if some other people wanted to use the service.

"I think most people felt that paying \$300 for laundry whereas they would otherwise spend \$30 per term would be too expensive, but some felt that it would be just be one less thing to worry about," Martinez said.

Unlike some of the other dormitories, EC was not so concerned about security, because a floor key is needed in order to actually get access to any of the rooms. Because the laundry bins will be kept in the general lobby, any service people should not be able to get into the rooms.

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3 – 5 PM

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- Papers written in either the fall 2005 or spring 2006 semesters are eligible.
- Please submit papers to the History Office, E51-285. Entry forms are available at <http://web.mit.edu/history/www/>

If you have any questions, please contact Professor Meg Jacobs, mjacobs@mit.edu, x3-7895.

Report Outlines Plan for Energy Center, Research and Education

Energy, from Page 1

The Council, consisting of 16 faculty members from the five MIT schools, was created after Hockfield's inaugural address last May. It was charged with creating recommendations for the Energy Initiative.

In the fall of 2005, the Council solicited input from faculty and students, asking for white papers detailing possible research directions the Initiative could take. A campus-wide survey was conducted by the MIT Energy Club, and MIT received input from industry in a December workshop.

Although industry was not highlighted specifically during the Forum, industry leaders have shown considerable interest, Moniz said.

The authors of the report write that "a major multidisciplinary, multi-faculty, multi-year research program will typically call for sustained support in the one to several million dollars per year range." Hockfield said this funding will likely come from government, industry, and private philanthropy. The report did not address the hiring of new faculty, which Moniz said was the "key element of the Council's charge" last summer.

The report, which focuses on Institute research and education but also touches on campus energy management, calls for the formation of a

new organizational structure called the MIT Energy Council (MITEC) that would work toward creating a permanent energy center with research space within the next five years. The MITEC would be "steer the initiative" and guide various subgroups, including the Laboratory of Energy and the Environment, which currently organizes research and educational activities around campus.

One other such subgroup, the Energy Education Task Force, would be in charge of coordinating MIT educational initiatives. Its first priority would be to create an energy minor for undergraduates.

"Many of the most important technologists of tomorrow will be educated here," Hockfield said.

In January, the Council helped set up the EnergyClasses Web site (<http://energyclasses.mit.edu/>) to highlight graduate and undergradu-

ate classes with a significant focus on energy.

The MITEC, as proposed in the report, would also oversee a campus energy management task force, which will improve campus energy efficiency, beginning with "a comprehensive assessment of the trade-offs, benefits and costs of different approaches to reducing campus energy use," the report states.

Moniz described a "phased approach" to research thrusts, in which MIT would focus on research it already does well, such as solar power, nuclear power systems, electrochemical storage, and biofuels. At the same time, MIT would be slowly "seeding" new technologies and directions. He envisions "the research agenda to build up in about five years."

Videos of the Energy Forum events are available at <http://mit-world.mit.edu/series/91/>.

Solution to Crossword

from page 8

T	E	A	C	H	S	K	I	P	E	C	H	O	
A	L	P	H	A	H	I	D	E	R	U	I	N	
C	A	P	E	R	U	N	I	T	O	R	L	I	
I	T	O	P	A	N	D	O	R	A	S	B	O	X
T	E	M	P	E	R	M	I	N	I				
A	R	R	E	S	T	E	N	O	U	G	H		
V	E	T	O	N	E	R	O	E	N	N	U	I	
A	T	T	P	A	R	A	D	O	X	O	R	R	
S	T	O	V	E	A	M	O	R	B	R	U	T	
T	A	X	I	E	S	P	R	O	F	I	T		
		O	V	E	R	N	I	G	H	T	S		
F	A	L	L	E	Q	U	I	N	O	X	O	H	O
A	L	O	E	U	N	D	O	E	L	D	E	R	
R	O	O	T	E	N	O	S	R	O	O	S	T	
M	U	M	S	L	Y	L	E	S	A	X	E	S	

Solution to Sudoku

from page 9

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



ERIC D. SCHMIEDL

Professional Pick-Up Artist Erik "Mystery" von Markovik describes his philosophy and methods for picking up women. By dividing the interaction into sub-categories of "attraction," "comfort," and "closing," Mystery claims to execute a successful pick-up leading to a relationship in an average of seven hours. The talk, held in the Stata Center yesterday, was sponsored by the 2008 Class Council.

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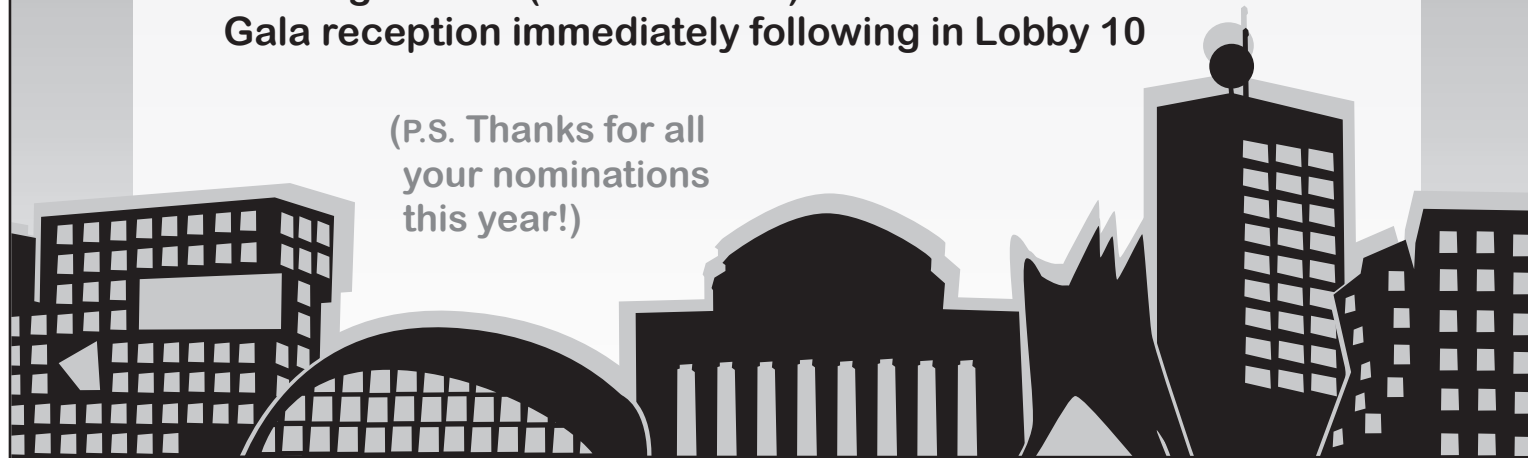
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New Federal Grants Have Rigorous Requirements

Aid, from Page 1

der point with many Republicans.

In a letter to governors and state superintendents of education, Spellings said that graduating high school seniors or students entering their second

year of college might be eligible for the grants if during secondary school they had successfully completed four years of English; three years each of math, science and social studies; and one year of foreign language.

Other first- or second-year college

students who may be eligible for the grants, Spellings said, include those who have received advanced or honors diplomas in any of the 19 states that offer such programs; those who have completed a rigorous course of study recognized by the State Scholars initiatives operating in 14 states; or those who have completed at least two Advanced Placement or International Baccalaureate courses, receiving passing scores on the exams for those classes.

Applicants must also be eligible under the income limits of the broader, \$13 billion Pell Grant program. The new one-year grants range from \$750 for college freshmen and \$1,300

for sophomores to \$4,000 for college juniors and seniors who are pursuing majors in the physical, life or computer sciences; mathematics; technology; engineering; or certain foreign languages. Applicants must have a 3.0 grade point average to be eligible as sophomores, juniors and seniors.

With the new program, Congress hoped to nudge states into establishing more rigorous high school programs and to encourage the study of subjects deemed critical to national security and competitiveness. But by not approving the new grants until February, lawmakers left federal officials only weeks to work out eligibility rules and administrative proce-

dures for this fall.

Some 5.2 million students received Pell grants this year. An estimated 425,000 first- or second-year college students will receive grants worth \$750 or \$1,300 under the new program this fall, and about 80,000 third- and fourth-year students will receive \$4,000 grants, Tom Luce, an assistant secretary of education, said in a conference call with reporters.

Luce said that the department would operate under the guidelines announced Tuesday for the 2006-07 and 2007-08 school years. Formal rules to be issued under traditional federal regulatory procedures will govern later years, he said.



CHRISTINA KANG—THE TECH

Hector "Nicer" Nazario (foreground) and Davide "Nosm" Perre (background) of Tats Cru begin work on a mural in honor of the late James "Big Jimmy" Roberts, former night watch for the Senior House and East Campus dorms.



KENNETH YAN—THE TECH

Phyllis F. Xu '09 and Zachary Sun from Tufts University serve shaved ice at the Strait to Taiwan event in the Stata Center on Thursday, May 4. The event was sponsored by the Association of Taiwanese Students, MIT, and the Undergraduate Association.

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Nine Bikers Advance To National Tourney With ECCC Victories

Cycling, from Page 16

on the hills for an eighth place finish in the Men's C with Zach A. LaBry '08 hanging in to finish on the tough course. Emily B. Fox G, Liz M. George '08, and Natalia H. Gardiol G secured more points for the team and for themselves in the Women's C category, placing fifth, ninth, and 13th.

Coming into Sunday's criterium (short-track) race, MIT was ranked second overall for the weekend among both DI and DII teams. The criterium was held on a small loop, less than half a mile in length. The Men's D team dominated, with Schrauth taking first in every intermediate sprint. Tham and Tracy also scored several points in the intermediate sprints, and although the team's many attempts to break away from the main pack were unsuccessful, Tracy placed second, with Loomis, Schrauth, and Tham all placing in the top ten.

The last race of the day, the Men's A criterium, lasted an hour, and saw the men's field fly around the small loop far faster than any of the racers in the previous categories. Sears fought the pack gaining many points in several of the criterium's fast-paced sprints.

Eric M. Edlund G, in only his first season of racing, also scored sprint points, adding to team's large tally for the weekend. Though Edlund was thoroughly drained after his sprint, he still fought to remain in the race. "I pulled over at the MIT barbeque and called for a quick shot of ketchup. With a mouthful of poor-man's power gel, I rejoined the race," said Edlund.

Following the Men's A race, the awards ceremony brought team members to the podium to celebrate several victories. The team claimed both the weekend and season overall wins, and the Women's A, Women's B, Women's C, Men's A, and Men's D time trial teams all made trips to the podium.

Chris Tracy scored more points in the Men's D category than any other racer in the region, and took the podium to accept first place individual overall in the category.

Having secured the conference title, MIT is sending its top nine racers to the national competition in Lawrence, Kansas on May 12-14 to compete for the national title against the country's best collegiate teams in the team time trial, road race, and criterium. MIT Cycling is a club sport at MIT and welcomes athletes of all levels.

U.S. Gets Tough Draw, Needs to Win Group E Or Play Mighty Brazil

World Cup, from Page 16

The U.S. drew a very difficult group, and if they take second in group stages they most likely look ahead to Brazil in the second round. If they manage to win the group, there is a much better chance of reaching later stages, perhaps even the final.

The team is still anchored by many of the players who performed so well in 2002, including Kasey Keller in goal, Eddie Pope anchoring the defense, and Landon Donovan and Brian McBride attacking. The U.S. is well-rounded enough to challenge any team, but needs to overcome a widely acknowledged lack of attacking creativity if they are to break down the best defenses in the world.

Holland and France are two more outside hopefuls with the ability to

perform very well in the later stages. Both teams have had good records in past World Cups and have always challenged top teams in major competitions. Holland, led by Van Nistelrooy and Rafael van der Vaart up top, along with Arjen Robben in the midfield, sport a lot of talent and the will to prove it. France is once again held together by one of the world's greatest players, Zidane, and one of the world's greatest strikers, Thierry Henry, and will need outstanding performances from both to have chance of later-stage success.

What makes the World Cup such a gala event is not only the high level of competition but the pride, euphoria, devotion, and passion of fans from every corner of the globe. Big or small, rich or poor, well-known or obscure, all fans enjoy their seeing their teams earn the right to compete on the world stage.

Lawyer Ron Has Ability To Close Races Strongly

Kentucky Derby, from Page 16

Wood Memorial was a relatively unconvincing victory.

Sinister Minister (10-1), the second of Baffert's horses, is the most predictable of the derby contenders. We know that he will charge out in front to take the early lead, but the question is whether he maintain his speed all race long. If he does not get out to a big jump early on, he will slowly fall away. But if he keeps his pace up, he could have a track record.

Rounding out the three, Point Determined (12-1) was second in his last two races coming in to the derby, losing to A.P. Warrior and Brother Derek. He is a real closer, much like Point Given was several years ago.

Lawyer Ron (4-1) will also be a big factor in this race, having won the Arkansas Derby and the Rebel Stakes. He likes to ride the rail early and then pull right into the lead. Though he

doesn't completely overpower the field with outrageous speed, but he just seems to get the job done. Especially if the pace is torrid early on, he has the ability to finish once all the other horses have tired out.

With all these horses it is difficult to decide on one name for the ticket. My pick for the derby would have to be battle-tested Lawyer Ron, with his closing ability, which is always a necessity at the Kentucky Derby. Coming in at 4-1, he would be a better payday than Brother Derek.

My value pick would have to be Point Determined. He comes in at 12-1, but has the capability to run a lot faster than he has in his last two races. He has raced against quality opponents and is experienced, and, even though Brother Derek swept him away at the Santa Anita, if the pace is fast at the start, it's possible for Point Determined to close strong down the stretch and give Bob Baffert another Kentucky Derby win.

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SPORTS

Taekwondo Finishes Notable Season With Victory at Columbia

By Richard D. Chambers
TEAM MEMBER

On March 22, the MIT Sport Taekwondo team ended its season true to form by continuing its year-long dominance over the Ivy Northeast Collegiate League at the Columbia Tournament.



This tourney was more than the end of a season; it also marked the final appearances of team stalwarts Bobby B. Ren G (captain), Tom B. Wilson G, Conor F. Madigan G, Jordan B. Braynov G, Ryan B. Huang '06, and Alicia Y. Zhou '06. It was therefore fitting that this group, many of whom have built the team from its beginning, accepted the League Championship after a remarkable season notable for the unchallenged successes of the MIT team.

The tournament started with early wins in forms competition, with Richard Sinn '06 and Erica Y. Chan '07 both accepting gold medals in the black belt division and Rene R. Chen '07 winning amongst red belts. Soon after, Iliya T. Tsekov '08 followed suit by claiming his first silver medal in forms competition, joined by fellow silver medalists John T. Wong '06, gold medalist Christine M. Lee '09, and bronze medalists Huang, Chris J. Han '09, and newcomer Jaclyn J. Ho '09.

The team fared equally well in sparring, with the black belt competitors leading the way.

The top women lineup, consisting of Zhou, Erica Y. Chan '07, and Ziyang Chu '07, catapulted forward in convincing wins against Cornell and Army. Fighting above her weight class, Chan managed to win by clear technical superiority, opening the way for Zhou to win her final League match in close competition, securing gold for the team. Zhou ended her season undefeated in sparring.

On the opposite side of the field, John C. Ho G, Sinn, and Ren moved into the men's black belt finals with

lopsided victories. But they eventually yielded first place to Cortland University in a stunning series of bouts which attracted the attention of almost all competitors; a supportive chant of "Bobby, Bobby" could be heard throughout the auditorium.

MIT demonstrated further acumen in the intermediate and novice divisions. First, teammates Sharon A. Lawrence '07, Chu, and Chen, fresh off the heels of a fourth place win in the advanced division, returned to dominate their new challengers and conquer gold. Teammates Corrina Hui '09, Lee, and Kendra L. Pugh '09 claimed bronze in that division, while Tsekov, Wong, and Han did the same for the men.

At the same time, the novice women (Hui, Lee, Pugh) and men (Stephen H. Petraeus '09, Allan Fong G, and Han) breezed through their brackets, claiming gold and bronze respectively.

After hours of competition, the day's matches concluded with the men's intermediate team, consisting of Richard-Duane S. Chambers G, John C. Ho G, and Huang, pitted against perpetual rival Cornell University. Huang won his match 1-0, while Ho entered his third overtime match of the day, fighting strongly but losing in sudden death in the penultimate battle. The group took gold, however, as Chambers defeated his opponent in the final contest.

With competition closed, MIT accepted first place at Columbia after having claimed 691 points, closing the season with a staggering 2554 points overall. By contrast, silver and bronze medalists West Point and Army had gathered season totals of 1255 and 758 points, respectively. Closing ceremonies, therefore, were a time for MIT to shine, with Chan and Sinn both taking home well-deserved MVP awards. Before headed home, the team concluded with appropriate poignancy, meeting with sister team Cornell and taking pictures of departing greats with their well-earned trophies.



Elizabeth M. George '08 races to 5th place in the Women's C criterium at the Division 2 Eastern Collegiate Cycling Conference Championship held this past weekend at Cornell University. The MIT Cycling team won the championship.

MIT Cycling Team Tops Division II Competition at ECCC Tournament

By Zach LaBry
TEAM MEMBER

The MIT Cycling Team won the Division II Eastern Collegiate Cycling Conference Championship this past weekend and soundly secured an overall DII victory for the season over its nearest competitor, Yale.

The ECCC championships, held April 29 and 30 at Cornell University, began with a team time trial in which MIT racers Caitlin Bever G, Martha W. Buckley G, Sonya J. Cates G, and Catherine Humblet G claimed victory in the Women's A category. The Men's D Team Time Trial (TTT) team of Philip J. Ilten '08, Nick C. Loomis G, Ben E. Shanks '09, and Nicholas Tham Ming Quiang '06 similarly thrashed its competition, placing first.

Extensive training and trips to the

MIT Wind Tunnel paid off for the Men's A time trialists Mark B. Cote '07, Kieran F. Culligan '06, Ariel M. Herrmann G, and Jason A. Sears G, when they placed second in the highly competitive field. MIT's Women's B time trialists also out-pedaled most competition, with a second-place finish by Leah C. Blasiak G, Ilana L. Brito G, and Kristen M. Naegle G.

The Men's C TTT team, consisting of Paul S. Nerenberg G, A.J. Schrauth G, M. Bryan Shieh '06, and Chris H. Tracy G faced stiff opposition, but still pedaled to a six place finish less than 30 seconds away from the winning time. MIT's time trial teams were unmatched in region, taking first place overall in both divisions.

Saturday afternoon's road race was held on a long, 18-mile loop with rolling hills, and a steep mile-long climb that split every category as racers struggled. Tracy remained

at the front of the Men's D field for the first lap and a half, and then, having out-climbed his competition, headed straight for the finish line, finishing minutes ahead of his nearest competitor. Tham, approaching the finish line in a small pack, sprinted to a third place finish.

The Women's A field broke up in the first of three laps, with the lead group widening its advantage over the pack. Bever, Cates, and Humblet were all in the lead group, and as the race ended, Bever and Humblet sprinted up the final hill to cross the finish line in fourth and fifth place. Buckley, who had broken away from the main pack on the long hill finished tenth, with Cates following shortly behind in 13th.

Steve A. Block G, the newest member of the road cycling team, powered through most of the field

Cycling, Page 15

Brazil, Argentina, Italy Will Contend In World Cup Play With Unique Styles

By Dennis Ramdass
and Amy Ludlum

The World Cup tournament serves a greater purpose than finding the best teams, although it does that very well. Soccer is a game of style and creativity with every region and country having an entirely unique approach. The World Cup is an opportunity to show the world what your country has to offer.

The teams with the best chances to win must balance individual talent with team play. We will introduce you to some of the strongest teams in the tournament, describing their strengths and weaknesses, to highlight the ones with better odds of winning.

Brazil has an extremely talented team and is considered a strong favorite to win the Cup. With arguably the best player in the world, Ronaldinho, supported by more of the world's finest, including Kaka and Adriano, Brazil probably has the most individual talent of any team. Brazil traditionally plays with the most flair, scores the most beautiful goals, and maintains possession with the most style.

While this year should be no exception, there are a few key concerns for the defending champions. The defense is aging and perhaps

past their prime, and an at times erratic goalkeeper, Dida, should make supporters a bit nervous.

Argentina, another favorite, brings an aggressive and direct style of play. With brilliant young playmakers like Lionel Messi and Juan Roman Riquelme in the squad, Argentina will not be short on creativity. Also in their arsenal is Chelsea's Hernan Crespo, a clinical finisher.

Working against this strong Argentinean contingent is a lack of big game experience, due to their failure to make it through the group stages in the 2002 tournament.

With their strong defense, Italy is always a strong contender. This year their attacking strength should not be overlooked, as it is driven by one of the most creative midfielders in the world, Francesco Totti. They have been strong in qualifying, impressive in friendlies (exhibition matches), and hungry to add to their three World Cup titles.

Italy's biggest problem remains their inability to dominate possession, especially against top teams. They put themselves on defense for the greater part of the game, making their play a bit sloppy at times, especially towards the last few minutes of play.

England brings a remarkably talented team — every position is filled by players who start for top-level European clubs. Lampard, Gerrard,

Beckham and Joe Cole form a one of the most talented midfielders in the tournament, and are supported by a solid backline including Campbell, Ferdinand and Terry.

Despite their undoubted individual talent, the big question for England is whether they can play together effectively enough to dominate. Key to this effort is Wayne Rooney, a truly remarkable young talent who almost exclusively carries England's title hopes on his shoulders. However, there is serious doubt as to whether he can recover from his broken foot in time. Not having Rooney would be a devastating loss to the English.

The host of the World Cup should never be discounted as a strong contender, especially when it is Germany, who managed to make the final in 2002 and won the title the last time they hosted. Overall, Germany tends to be consistent, largely because of Michael Ballack, one of the world's most complete and talented attacking midfielders. However, this squad lacks the talent of past teams and their defense is notably weak by German standards. Home support is a crucial factor to the game and this keeps Germany's World Cup hopes alive, though under different circumstances supporters would be far less optimistic.

World Cup, Page 15

Competitive Field at Derby Led by Hot Brother Derek, Three Bob Baffert Horses

By Yong-yi Zhu
COLUMNIST

The 132nd running of the Kentucky Derby features a packed field — it isn't like most years, where the

winner is anointed before the race begins, even though that pre-race favorite never seems to prevail. Instead, the field has front runners and very likely dark horses. It might even feature the return of one of the most well-known trainers of this era.

This year's favorite is Brother Derek (5-2), trained by South Californian Dan Hendricks. The horse easily won the last two races coming into the derby, leading wire to wire at the Santa Anita Derby and winning down the stretch at the Santa Catalina. Brother Derek has shown that he can win no matter what the situation

— he is both powerful and versatile, and it's no wonder he will be the frontrunner going into Saturday.

Barbaro (6-1) is undefeated coming into the derby, but his victories have been very close. He needed to get an extra gear at the Holy Bull as well as the Florida Derby, and won't have as easy of a time fending off these horses. I don't think he has enough early or late speed to outrace this field.

The third "B" to be a big factor at this race is a perennial fan favorite trainer Bob Baffert. His trio of horses more than makes up for his absence from this race in the past several years. His front-runner, Bob and John (8-1), is probably his weakest horse. Bob and John lacks closing speed, much like a weaker version of Barbaro, and his win at the

Kentucky Derby, Page 15

UPCOMING HOME EVENTS

Saturday, May 6, 2006

Varsity Men's Baseball vs. Williams
Women's Lightweight Crew vs. Radcliffe

1 p.m., Briggs Field
Time TBA, Charles River

Sunday, May 7, 2006

MIT Varsity Baseball vs. Suffolk

1 p.m., Briggs Field