Carter Announces New Funding in UA Speech

By Jennifer Chung

Undergraduate Association President Dedrick A. Carter '98 delivered this year's State of the UA Address on Monday, announcing a new $40,000 grant for student activities, praising UA committees, and calling for a commitment to keeping funding forward. Carter announced that the UA has been able to secure another year of funding from the provost in the form of a second special grant, which will be allocated to student activities. Last year Provost Joel Moses PhD '67 gave the UA and the Graduate Student Council $40,000 to distribute to student activities.

"These additional funds are essential to the smooth operation of student activities for another year," said Carter. Carter thanked Moses and others in the administration for allowing the grant.

The money will be divided between the funding boards of the UA and the Graduate Student Council. The division will be exactly the same as the division of the last $40,000, Carter said. The UA received $32,000 of the previous grant and the USC $8,000. Student groups will be able to request a portion of the funds through the UA Finance Board by February 16, Carter said. He said that the new $40,000 grant was a good start, but called for an additional $500,000 in student activities funding over the next five years.

"We cannot stop with a $40,000, $80,000, $160,000 grant," he said. "We need to get big and make the UA a reality, not just a dream." Carter also thanked the provost for funding, and called for a commitment to keeping funding forward.

"We need to get big and make the UA a reality, not just a dream," Carter said.

Keyser Discusses Hacks, Culture at TBP Lecture

By Naveen Sunkavalli

Last Thursday, a small throng of onlookers, some more interested in watching people fly airplanes than listening, gathered in room 10-250 to hear a talk by Marc Abrams, editor of The Annals of Improbable Research. The evening's activities, which were sponsored by the Lecture Series Committee and the MIT Press, included a slide show depicting the humor typical of Annals, one research essay focused on "Chicken Plucking as a Measure of Wind Speed," and was written by Bernard Vromeg, Kurt Vromeg's brother. The slide show a picture of Mars taken by the Hubble telescope showed a picture of Satan grinning.

The most prominent theme in the slide show was "I found a research proposal submitted to the magazine, was sexual innuendo. Slides ranged from a picture of Pamela Anderson Lee straddling Barney to shots of papers with titles like "Transmission of Gonorrhea Through an Inflatable Doll," and "Rectal Impaction Following Enema with Concrete Mix." The evening's activities, which were sponsored by the Lecture Series Committee and the MIT Press, included a slide show depicting the humor typical of Annals, one research essay focused on "Chicken Plucking as a Measure of Wind Speed," and was written by Bernard Vromeg, Kurt Vromeg's brother. The slide show a picture of Mars taken by the Hubble telescope showed a picture of Satan grinning.

Another crowd favorite was a slide showing a picture of a certain famous people could be the subject of research. The slides received a 4.1 on the 10-point scale, while Bill Gates got an 8 to 5 rating. The evening's activities, which were sponsored by the Lecture Series Committee and the MIT Press, included a slide show depicting the humor typical of Annals, one research essay focused on "Chicken Plucking as a Measure of Wind Speed," and was written by Bernard Vromeg, Kurt Vromeg's brother. The slide show a picture of Mars taken by the Hubble telescope showed a picture of Satan grinning.

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**Clintons Urged Social Security Reform in Speech at Georgetown**

**WASHINGTON**

In a speech to a large audience of students at Georgetown University here, President Clinton said that looming budget surpluses projected to total $1 trillion over the coming decade would provide the funds to fix the beleaguered Social Security system. It would press for congressional action on long-term legislation. "I'm not going to let that happen," he said. "Whoever's going to let that happen?"

"This fiscal crisis in Social Security affects every generation," Clinton said. "We know that the Social Security trust fund's fine for another few decades. But if it gets in trouble and we don't deal with it, then it not only affects the generation of the baby boomers (but) raises the question of whether they will have to live on by paying for their children."

Clinton told the students that his call for walling off future surpluses from spending and tax cuts and Congress and the administration are working on a long-term solution that Social Security should drive the principle of this year's work," in "Congress. "Do not have a tax cut," Clinton said. "Do not have a spending program that deals with that stuff."

The administration task force reviews scores of proposals for fixing Social Security, but the White House is not inclined to float its own ideas until Congress has acted. "Until the Congress says the Social Security trust fund won't run out of money until 2030, when baby boomers retire, retrenches the system," Clinton said he would press for congressional action on long-term legislation.

**Flamingsos Wade as Peru Weeps**

**LIMA**

Peruvian fishermen were among the ones who coined the term El Niño—the boy-child—because it often begins to manifest itself around Christmas. In 1998, El Niño’s influence has already killed 12 people here, 80 more are missing, and hundreds of thousands of homes have been destroyed or flooded.

"The only viable military option is to inflict serious damage on the Iraqi military industrial capacity, from the compounds and "palaces" Saddam has sought to protect," he said on the Senate floor. "It is not going to bring cruise missiles and airstrike such as those that al-Qaeda launched against the United States, particularly in 1996 when 27 cruise missiles were launched against U.S. military facilities, and once again prove counterproductive."

"The Washington Post"

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"The Washington Post"
Clinton Will Endorse Tobacco Bill With $1.50 Cigarette Tax

By Saudra Torry and John F. Harris

WASHINGTON

The White House has decided to embrace a tough tobacco-settlement bill that would impose a $1.50-per-pack tax on cigarettes over the next three years and give the tobacco industry little of the protection from lawsuits it has been seeking.

Vice President Gore is scheduled to attend a news conference Wednesday where the bill will be formally unveiled, signaling the administration's support for legislation that would raise cigarette taxes far faster than envisioned by the president's budget.

The administration's blessing of the bill, written by a Senate Democratic task force led by Sen. Kent Conrad, D-N.D., would begin to set the parameters of the debate on the complex and explo-

sive issue of a national tobacco-settle-

ment policy. Two bills introduced by Republican senators call for far smaller payments from the tobacco industry and give the industry broader protection from the massive lawsuits it is facing.

Conrad "had a choice between pushing something partisan or pushing something that had a chance of passage, and they chose the for-

mer," said one Democratic source. It's "disappointing" that they "are trying to make this a partisan issue, and ... it's not a step forward toward passing a bill this year."

The bill was set to present the bill to Democratic senators at their weekly caucus Tuesday and has been working to rally support for the bill beyond the 21-member tobacco task force, according to Senate sources.

The bill treats the tobacco indus-

try more harshly than the proposed

June 20 settlement between the industry, state attorneys general and trial lawyers. For instance, the industry is seeking a ban on future lawsuits by small groups of individuals or huge classes of smokers. But the Conrad bill would settle only suits brought by government enti-

ties, such as the more than 40 states filed by state attorneys general, according to a summary of the bill.

Conrad's bill also gives the Food

and Drug Administration wider-

ranging authority to regulate toba-

cco products — broader authority than in the June 20 deal or Republican legislation. It penalizes the industry harshly if it fails to meet targets to reduce youth smok-

ing by 65 percent in 10 years.

For the administration, it is criti-

cal that tobacco legislation pass. Clinton views passage of a compre-

hensive settlement as an achieve-

ment that would burnish his legacy.

Pre-Election Denial In Donation Case Shown as False in Report

By Alan C. Miller and Glen F. Bunting

LOS ANGELES TIMES

White House officials are fearing embarrassment disclosures regarding Yogesh K. Gandhi, a California entrepreneur who had donated a small payment from the tobacco industry last year in what helped deflect criticism of the Democratic National Committee that he had testified in court that he had no U.S. assets and owed $25,000 to Gandhi on Oct. 25, 1996, the day the Nov. 5 election that helped burnish his legacy. The White House has decided to embrace a tough tobacco-settlement bill that would impose a $1.50-per-pack tax on cigarettes over the next three years and give the tobacco industry little of the protection from lawsuits it has been seeking. Vice President Gore is scheduled to attend a news conference Wednesday where the bill will be formally unveiled, signaling the administration's support for legislation that would raise cigarette taxes far faster than envisioned by the president's budget. The administration's blessing of the bill, written by a Senate Democratic task force led by Sen. Kent Conrad, D-N.D., would begin to set the parameters of the debate on the complex and explo-
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ment that would burnish his legacy.

The records reveal for the first time how administration and party officials gave misleading accounts that helped deflect criticism of Clinton within days of the election. The documents shed new light on a debate in the White House and the Democratic National Committee over whether to return Gandhi's donations. Then-White House special counsel Mark D. Fabiani said in an interview that the Gandhi award and the $325,000 donation were not connected. "I don't think there's any kind of relationship at all that we've seen," he said.

At the same time, a Democratic Party spokesperson said Gandhi unexpectedly brought the life-sized bust to a May 13, 1996, fund-raiser and arranged the ceremony with Clinton on the spot.

"He talked to no one about the presentation in advance," the DNC's Amy Weiss Tobe told The Times on Oct. 24, 1996. "The first the DNC knew of him wanting to present this to the president was at the dinner."

In fact, DNC fund-raisers John Huang and Yah Lin "Charlie" Trie knew days in advance Gandhi was coming to Washington to orchestrate the award presentation.

Bacteria are known to thrive at temperatures above 235 degrees F. (Water boils at 212 degrees F., at sea level pressures.) But among the worms' coating of fuzzy bacteria that enable them to virtually sit on a hot plate all day, Cary speculated. It may be that the bacteria are insulating the worms in one way, producing protective enzymes that could lead to new drugs and other products, he said.

Worm Breaks Temperature Record

In the Odyssey of heat tolerance, a sea worm with a perpetually poached rear end has shattered a record formerly held by a desert ant. More than a mile deep in the Pacific, west of the Hawaiian Islands, the Pompeii worm has managed to survive temperatures of 176 degrees Fahrenheit, almost hot enough to boil water, while its front end remains constantly chilled in water only 72 degrees F, a team led by molecular biologist Craig S. Cary of the University of Delaware reports in the Feb. 5 issue of Nature.

No other known higher-order animal is capable of surviving sustained exposure to such heat, and none is known to endure so wide a range of temperatures along its length. Cary said. Bacteria are known to thrive at temperatures above 235 degrees F. (Water boils at 212 degrees F., at sea level pressures.) But among the worms' coating of fuzzy bacteria that enable them to virtually sit on a hot plate all day, Cary speculated. It may be that the bacteria are insulating the worms in some way, producing protective enzymes that could lead to new drugs and other products, he said.

October 16, 1998

World & Nation

Graduate Student Council

Walker Memorial, 50-220 (617)253-2195 gsc-request@mit.edu www.mit.edu/activities/gsc

FEBRUARY

1 Activities Meeting*

12 Extracurricular Activities and Athletics Meeting*

19 Housing and Community Affairs Meeting*

24 My Stint in DC: Externship Feedback*

26 Academics, Research, and Careers Meeting*

MARCH

3 MCP Board of Governors Meeting*

General Council Mtg. *

* at 5:30 PM in Rm. 50-220. All graduate students are welcome. Food is provided.
OPINION

Unify Registration Lotteries

Lotteries help determine who gets into many oversubscribed classes. Students who want to take management, physical education, and Humanities, Arts, and Social Sciences Distribution classes must enter lotteries. Also, traditionally oversubscribed classes like Introduction to Experimental Biology (7.02) and Design and Manufacturing (1.07C) conduct special lotteries. Given how important they are, it is regrettable that they are not more organized and uniform.

The lotteries have different deadlines and varied formats. The deadline for the HASS-D lottery was moved to January 20 this year. However, the Sloan School of Management holds all of its lotteries in early December, well before the required date for pre-registration. Multiple dates make the system more confusing because it is not possible to make it easier to understand for students to choose their classes. All the lotteries should run on the same schedule, allowing people to pick all of their courses at one time.

The HASS-D deadline is far more reasonable than the schedule for the Sloan School lottery. Students who want to take management classes should not be penalized for not having completed the lottery process by Dec. 17. There is no advantage, for students nor faculty, in having the makeup of all lottery classes determined more than two weeks in advance of pre-registration day.

Other lottery systems also need to be overhauled. The physical education lottery is not currently available on the World Wide Web. Atos should be able to view the results of all lottery from the web instead of having to sort through mail, execute programs on Athena, and check web pages.

The present lottery system also fails to address the standard problem that crops up every registration day: not everyone who pre-registers for a given class ends up taking it, even if he or she is lotteried into that class. As a result, even in oversubscribed classes with lotteries, there are spaces open after students complete their registration. There is no uniform system for assigning these remaining places in the classes; the registrar’s office generally leaves it up to the individual professor to approve students request to add the class. This has unfortunate consequences. Students line up outside professors’ offices and mob lecturers before class, hoping to be among the first to get their cards signed. The decisions about which students get to take a class is often quite arbitrary — it all depends on which students are the fastest, luckiest, or pushiest. Many professors hold their own lotteries, which are often less organized and less fair than those held by the registrar’s office. Finally, many professors don’t even know how many slots are open in those classes. The current, carefree system as extra work for both students and faculty.

On registration day, students should be allowed to enter second-chance lotteries for oversubscribed classes. This lottery would allocate the spaces vacated by students who were lotteried into an oversubscribed class but who chose not to take it. These lottery should be run by the registrar’s office, to ensure that they are fair and uniform.

MIT’s current system lottery is disorganized, difficult to use, and unfair. An integrated lottery system would go a long way toward eliminating the profound problems with the current, jury-rigged system.

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The Texas Cattle Industry Image vs Reality

Waaaaaaaahhhhhhh... Oprah said hamburgets are icky!

I want my laaaaaaaayyyerrrrr!!! Waaaaaaahhhhhhh!!

You tame them wild broncos yet, Jess?

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Opinion Policy

Editorials are the official opinion of The Tech. They are written by the editorial board, which consists of the chairman, managing editor, executive editor, news editors, and opinion editors.

Columns are written by individuals and represent the opinion of the author, not necessarily that of the newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions are accepted as well, although e-mail is preferable.

Hard copy submissions must be addressed to The Tech, P.O. Box 197029, Cambridge, Mass. 02138-7029. The deadline for the Monday morning edition is 2:30 p.m. Wednesdays. The latest deadline is 4:30 p.m. two days before the date of publication.

Letters must bear the authors’ signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter will be published without the author’s consent. The Tech reserves the sole right to edit or condense letters. The Tech makes no commitment to publish all the letters we receive.

To Reach Us

The Tech’s telephone number is (617) 253-1541. E-mail is the easiest way to reach any member of our staff. If you are unsure who to contact, send mail to general@the-tech.mit.edu, and it will be directed to the appropriate person. The Tech can be found on the World Wide Web at http://the-tech.mit.edu.
What About the Dardanelles?
A Historical Battle Tells Against Air Strikes On Iraq

Anders Hove

On February 25, 1915, the British Navy opened up its bombardment of the Turkish forts along the Dardanelles with a three-pronged attack: a naval command fervently believed that the Dardanelles could be forced, and Istanbul could be captured by ships alone, to use First Lord of the Admiralty Winston Churchill's expression at the time. With the two other keys to the scene of battle, Admiral Jacky Seavick Carden, ordered mine sweepers to clear the Narrows for his ships, the Admiralty and Foreign Office were preparing for the imminent conquest of Turkey.

By all accounts Turkey's surrender did seem imminent. Intelligence reports indicated that ammunition at the forts along the Narrows was running out, the supply of shells and the forts themselves were under mined by ill-trained, ill-armed troops. "I'll go through tomorrow!" bragged First Sea Lord John Arbuthnot Fisher upon reading these reports.

The British weren't the only ones con fident in Turkey's defeat. The British government ordered its capital evacuated, and began preparing for a forced retreat from the scene of battle, threatened by the loss of mined and government documents destroyed. A mass exodus of civilians had already begun.

But it was not to be. After just over a week of naval warfare and submarine mining, the effort to take the straits by means of naval operations was ended; the threat had served its purpose and went to the bottom, with horrendous loss of life. Admiral Carden was replaced after it appeared to be a fruitless breakdown, and his successor, Admiral John de Robeck, was widely believed to be a man if the most circumspect character, also showed signs of spent nerves. The attack was called off. In London, members of the government were giddily preparing for the long-awaited capitulation. Britain's attempt to force Turkey's surrender by ships alone was over.

Meanwhile, the Turks sought assistance from the Germans, reinforced the peninsula, and began preparing for a forced retreat from the scene of battle, threatened by the loss of mined and government documents destroyed. A mass exodus of civilians had already begun.

The British line of command fervently believed that the Dardanelles could be forced, and Istanbul captured, "by ships alone."

The British made a number of fundamental errors that doomed the operation. The initial philosophy behind the program was that it would integrate the undergraduate and graduate curricula, give students more flexibility in choosing courses, and allow for greater efficiency in the use of department resources.

Unfortunately, the Institute's policies prevented students who earned a bachelor's degree on time without sacrificing the efficiency of the program. The Dardanelles was declared, and indeed, we had liberated the scene of battle.

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# BREAKING RECORDS IN M&A.

In 1997, Credit Suisse First Boston handled more than $275 billion in mergers and acquisitions. Demonstrating our leadership in mergers and acquisitions, we broke several records, including the largest US bank merger and the largest aerospace merger ever. Landmark deals like these require not just innovative thinking, but strong productive relationships with clients. And that’s what you can expect from the world’s first truly global corporate and investment banking firm.

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<tr>
<td>$9,500,000,000</td>
<td>Raytheon Company</td>
<td>Acquired Hughes Aircraft Company from u.s. Bancorp</td>
</tr>
<tr>
<td>$9,966,000,000</td>
<td>U.S. Bancorp</td>
<td>Acquired by First Bank System, Inc.</td>
</tr>
<tr>
<td>$8,500,000,000</td>
<td>Bell Canada International Inc.</td>
<td>Acquired by Viacom Inc.</td>
</tr>
<tr>
<td>$7,000,000,000</td>
<td>Ashland Inc.</td>
<td>Acquired by Texaco Inc.</td>
</tr>
<tr>
<td>$6,100,000,000</td>
<td>Assurances Générales de France SA</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
<tr>
<td>$4,200,000,000</td>
<td>DQE, Inc.</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
<tr>
<td>$4,000,000,000</td>
<td>Occidental Petroleum Corporation</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$4,000,000,000</td>
<td>CVS Corporation</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$3,800,000,000</td>
<td>Houston Industries Incorporated</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
<tr>
<td>$3,600,000,000</td>
<td>The State Government of Victoria, Australia</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$2,000,000,000</td>
<td>Wachovia Corporation</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$2,000,000,000</td>
<td>The Vons Companies, Inc.</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$1,668,000,000</td>
<td>Dosesi Guaranty Corp.</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$1,600,000,000</td>
<td>American Radio Systems Corporation</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
<tr>
<td>$1,300,000,000</td>
<td>ABTIBI-Price Inc.</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$1,300,000,000</td>
<td>Wachovia Corporation</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$1,200,000,000</td>
<td>NationsBank Corporation</td>
<td>Acquired by Credit Suisse First Boston</td>
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<tr>
<td>$1,110,000,000</td>
<td>Government of Colombia</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
<tr>
<td>$1,050,000,000</td>
<td>Viacom Inc.</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
<tr>
<td>$1,000,000,000</td>
<td>Government of Belgium</td>
<td>Acquired by Credit Suisse First Boston</td>
</tr>
</tbody>
</table>

Credit Suisse First Boston's clients are in bold. For a complete list of our 1997 transactions, please call (212) 330-3000.
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Amount</th>
<th>Acquirer</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CoreStates Financial Corp</td>
<td>$16,500,000</td>
<td>The Boeing Company</td>
<td>Has agreed to be acquired by</td>
</tr>
<tr>
<td></td>
<td></td>
<td>McDonnell Douglas Corporation</td>
<td>First Union Corporation</td>
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<tr>
<td></td>
<td></td>
<td>Fred. Kueff AG Hoesch-Kueff</td>
<td>Has agreed to be acquired by</td>
</tr>
<tr>
<td>Thyssen AG</td>
<td>$10,500,000</td>
<td>Assurances Generales de France SA</td>
<td>Has agreed to be acquired by</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Alstair AG Holding</td>
<td>Winterthur Schweizerische Versicherungs-Gesellschaft</td>
</tr>
<tr>
<td>Credit Suisse Group</td>
<td>$6,800,000</td>
<td>Boeing Company</td>
<td>Has acquired</td>
</tr>
<tr>
<td>Tyco International Ltd.</td>
<td>$6,500,000</td>
<td>Ciba Specialty Chemicals</td>
<td>Has agreed to be acquired by</td>
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<td>ADT Limited</td>
<td>Value Systems Corporation</td>
</tr>
<tr>
<td>U.S. Department of Energy</td>
<td>$2,500,000</td>
<td>First Union Corporation</td>
<td>Has agreed to be acquired by</td>
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<td>Creditor Service Corp.</td>
<td>National Energy Corporation</td>
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<tr>
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<td>Select Banking Corporation</td>
<td>Mittlerer Rhein-Oberrhein</td>
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<td>J.C. Penney Company, Inc.</td>
<td>Has agreed to be acquired by</td>
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<td></td>
<td>New World Communications Group Incorporated</td>
<td>Has been acquired by</td>
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<td></td>
<td></td>
<td>The News Corporation Limited</td>
<td>Swizz Reinsurance Company</td>
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<td>Swiss Re Insurance Company</td>
<td>Has agreed to merge with</td>
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<tr>
<td></td>
<td></td>
<td>TelRec Ltd</td>
<td>Swizz Reinsurance Company</td>
</tr>
<tr>
<td>St. George Bank Limited</td>
<td>$2,100,000</td>
<td>Team Rental Group, Inc.</td>
<td>Has agreed to merge with</td>
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<tr>
<td></td>
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<td>Advanced Bank Australia Limited</td>
<td>Reading &amp; Bates Corporation</td>
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<td>Budget Rent a Car Corporation</td>
<td>Falcon Drilling Company Inc</td>
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<tr>
<td>The Government of Mexico</td>
<td>$1,000,000</td>
<td>Western Atlas Inc.</td>
<td>Has agreed to merge with</td>
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<tr>
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<td></td>
<td>Union Bank of California Inc.</td>
<td>Columbia Bank Pension Rights</td>
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<tr>
<td></td>
<td></td>
<td>Safety and Security Systems Inc</td>
<td>Has agreed to merge with</td>
</tr>
<tr>
<td></td>
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<td>Nova Scotia Inc.</td>
<td>Nova Scotia Inc.</td>
</tr>
<tr>
<td>Greenfield Industries, Inc.</td>
<td>$1,000,000</td>
<td>Telephone and Data Systems, Inc.</td>
<td>Has agreed to acquire</td>
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<tr>
<td></td>
<td></td>
<td>ABC Inc.</td>
<td>Whitman Corporation</td>
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<tr>
<td></td>
<td></td>
<td>Kansai Steel Inc.</td>
<td>ABC Inc.</td>
</tr>
</tbody>
</table>
CAREERS WITH HEART GUIDANT

We offer excellent career and ownership opportunities in an entrepreneurial environment. To continue our leadership and growth, we are seeking high-potential engineers for the following positions:

- Software engineer (CRM) (VI)
- Electrical engineer (CRM) (VI)
- Mechanical engineer (CRM) (VI) (CVS)
- Biomedical engineer (CRM) (VI) (CVS)
- Chemical engineer (CRM) (VI)
- Industrial engineer (CRM) (VI)
- Computer systems engineer (CRM) (VI)
- Materials engineer (CRM) (VI)
- Environmental engineer (CR

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When something is too extreme for words, it's to the Nth degree. And that's the level of technology you'll experience at Raytheon.

Raytheon has formed a new technological superpower—Raytheon Systems Company, composed of four major technological giants: Raytheon Electronic Systems, Raytheon E-Systems, Raytheon TI Systems and Hughes Aircraft. The new Raytheon Systems Company is driving technology to the limit. And we're looking for engineers who want to push the envelope. Break new ground. Make their mark.

At Raytheon, you'll take technology—and your career—to the highest possible level. You'll take it to the Nth. We'll be visiting your campus soon. Contact your career placement office now to schedule an interview, or check out our website at www.rayjobs.com. If you are unable to meet with us, please send your resume to: Raytheon Staffing, P.O. Box 655 474, MS-201, Dallas, TX 75265. We have many exciting opportunities available and we would like to talk to you.

Raytheon
Expect great things
Improbable, from Page 1

Actors performed two acts from "11 Combune Grosso." In this story, God, while trying to break his smoking addiction, creates the universe through the Big Bang with one last smoke of his cigar.

A scene from "Lament del Cockroach," was also performed. The musical centered on the efforts of various insects, played by sheepish audience members, to carry on their lineage when faced with approaching extinction by mating with a cockroach.

Abrams also recounted incidents that happened at previous Ig Nobel ceremonies. He mentioned how one man spent time feeding coffee beans to palm civets. He recovered the beans from their droppings and created the world's most expensive coffee. This "fresh, steaming coffee," called Luac, was fed to unsuspecting Nobel Laureates at the Ig Nobels.

In another incident, Abrams recounted how a man who had written a paper on "The Effect of Onions, Garlic, and Sour cream on the Appetite of Leeches," flung leeches to an audience at the Ig Nobels.

Another man apparently studied the life cycles and inner workings of cat ear mites by placing them in his own ear for some months.

The evening on a surreal note with two strange people painted in silver holding flashlights above Abrams' head.

Lauren Erb '01 and Elizabeth Krams '00 from the Women's Swim Team race Delta Upsilon and Number Six in the Inner tube relay. "Race the Women's Swim Team" was held on Sunday as a fundraiser for the American Cancer Society.

Drunk Driving Doesn't Just Kill Drivers.

DRUNK DRIVING

If you don't stop someone from driving drunk, who will?

Do whatever it takes.

This space donated by The Tech
Elaine Chew G performs Chinese and French piano music in "Impressions From The East," a concert held Monday evening in Killian Hall. The accompanying photographic exhibition, which features scenes from Beijing, will be in the Wiesner Student Art Gallery until Feb 28.

If you are interested in a position with us, please bring the following to the orientation session, and be ready to take a short technical test:

1.) Your name, contact info (phone numbers, address, etc.), and date of graduation.
2.) Names and phone numbers of at least 2 references. (preferably employers or faculty)
3.) Your up-to-date resume.

The Computing Help Desk is now hiring student consultants to provide telephone, walk-in, and on-line support for the MIT community during business hours (9-5). Training begins February 24th. A mandatory orientation session for interested candidates will be held from 5:15-6:45 PM on Tuesday, Feb 10th in room 3-190.

If You: 
...are comfortable with: 
Macintosh or DOS/Windows 
some major applications and utilities 
electronic mail 
on-line resources 
MITnet
...and you can:
communicate well 
handle crisis situations
...and you enjoy:
working with people 
teamwork 
troubleshooting problems 
going to the bottom of things
...and you are:
reliable 
bright 
friendly 
determined

The Job:
...includes 7 hours or more per week of: 
troubleshooting cases over the phone 
providing help for walk-in clients 
attending weekly training meetings
mentoring new student consultants
TA-ing computer training classes at MIT
helping with equipment diagnosis

Benefits include:
lots 'o' perks
competitive salary (starting at $8.00/hr)
access to lots of equipment and software
a fun group of coworkers
attendance at local computer exhibitions
parties!!!

Preference will be given to those who can work mornings.

If you are interested in a position with us, please bring the following to the orientation session, and be ready to take a short technical test:

1.) Your name, contact info (phone numbers, address, etc.), and date of graduation.
2.) Names and phone numbers of at least 2 references. (preferably employers or faculty)
3.) Your up-to-date resume.

Direct any questions to Alicia Allen, helpsuper@mit.edu
Off Course by Hugo

Perhaps...

By Jennifer DiMase

... Someone will fill the moat with Jell-o...

We'll never have to eat at Lobdell again!

MMM... nothing tastes like Jell-o® when you're hungry...

Want to see the full picture?

Join The Tech Production staff and read Dilbert® and the rest of the paper before your friends do! Stop by Room 483 of the Student Center or call us at 253-1541 and ask for Josh.
by Zachary Emig

Hey, baby! What are you doing here?

No, why?

It's just as we foresaw*. The media tide is turning against me. I've been framed for bribery, and the story is splashed across the front page of Tokyo Today. And I've heard from an inside source that the Japan Daily News is going to "blast Sector 9 agent Rhino-Man for succumbing to corruption" in tomorrow's editorial page.

*11/4/97

I just wanted you to hear it from me first, that these charges are completely false.

Aw, come on R-Man. I'd never, ever believe those kind of things about you!

The promise of technology is access. The promise of access is information. So it follows that information cannot stop at the border, no matter what constitutes that obstacle. Oracle Corporation is committed to creating seamless networks and world class solutions. This is your best shot at creating a global revolution in the age of information.

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Trivia Corner

PUZZLE SOLUTIONS

Andretti

ACROSS
1 Gastropod
6 Jamaican music
9 Group
14 Other, Fr.
15 1 word question
16 Aghast
17 4 in a month
18 Missle纂ow
19 Take free
20 Rabbit's foot
22 Droop
24 Slim
26 Yeast, abbr.
29 Not in the house
32 Texture
35 Before
38 Coat or diamond
39 Fastening brads
40 Norma
41 Ring Glow
42 Pet again
45 Historical period
46 Montecito
48 Reapulate
50 Palomar vehicle for Andretti
52 In one's right mind
53 Salk Institute architect
54 High school math subj.
56 Perched
57 Gardening tool
61 Promise
63 Recorder
68 Sanctuary
69 Perle
70 "The Cream"
71 Put forth
72 Stood pigeon
73 Of the kidney
DOWM
1 Cutting tool
2 17th letter
3 Utah Indian
4 Anger
5 Hopelessness
6 Place 3d
7 Japanese fish
8 Petrol
9 Good deal
10 Mature
11 Himalayan resort
12 IRS employee
13 Spell
21 Conjunction
23 Play Pool
24 Disgraces
25 Levine's "band"
27 Liege, e.g.
28 Popeye's catalyst
29 Madame Butterfly, e.g.
30 Pushed
31 Bird
32 Smudge
33 Peruvian animal
34 Methyl acetate, for one
37 Aural organ
43 Organization of D.C.'s
44 Non-related topic
46 Spread out
47 Lays 39-Across
49 Society page word
51 Alias
55 Rmished
56 Police paramilitary unit
57 Pronoun
58 Romana
59 Road, abbr.
60 German article
62 Many 39-Across's
64 Beer variety
65 Safety or straight
66 Greek letter
68 Sanctuary
69 Perlon
70 "The Cream"
71 Put forth
72 Stood pigeon
73 Of the kidney

Send your answer to trivia@the-tech.mit.edu by 3 p.m. Wednesday. Two random drawings from all of the correct entries will be held to determine this week's two winners.

This feature was brought to you by the CA Program Board. Today's factoids are by the MIT Quiz Bowl team. Members of the quiz bowl team are not eligible.

Showing this weekend:
Friday 7:30 p.m. in Room 10-250
The Odd Couple
Friday 7 and 10 p.m., Sunday 7 p.m.
in Room 26-100
The Game
Saturday 7 and 10 p.m., Sunday 10 p.m.
in Room 26-100
A Life Less Ordinary

The fun does not have to stop when the paychecks start. Especially when you join Adobe. We offer big-company success with a small company attitude. Of course, we did not become one of the world's largest personal computer software developers without lots of hard work. But when your products lead the industry year after year, enriching the way everyone communicates, you have plenty to smile about. So if you agree that it's possible to have fun while doing interesting and creative work, Adobe may be the place for you. To learn more about opportunities at Adobe, visit the Office of Career Services and Pre-Professional Advising and sign up for an interview.

INFO SESSION
Wed, Mar 4 • 8:00-9:00 p.m.
Killian Court, Rm 4-145

ON CAMPUS INTERVIEWS
Thurs-Fri • Mar 5 & 6
Career Services and Pre-Professional Advising

Adobe prefers resumes in the body of an e-mail (no attachments) sent to jobs@adobe.com or mail resumes to: Adobe Systems Incorporated, College Recruiting, 345 Park Avenue, San Jose, CA 95110-2711. Adobe is an Equal Opportunity/Affirmative Action Employer.
Adobe, the Adobe logo and all Adobe products are trademarks of Adobe Systems Incorporated. ©1998 Adobe Systems Incorporated. All rights reserved.
JOIN ONE OF FORTUNE MAGAZINE'S "25 COOLEST TECH COMPANIES"

Less than two years after its launch, Juno is already the second-largest online service in the United States. More than 4,000,000 people have created Juno accounts. Every day, thousands more sign up.

In order to continue our dynamic growth, we need to expand our staff dramatically in almost all areas, including: software engineering, marketing, telecommunications, sales, analysis, product development, graphic design, strategic growth and member services.

We only hire uncommonly talented, accomplished and intelligent individuals. If you are a college senior or graduate student with a record of outstanding achievement (in any field—our president was an English major), we want to hear from you.

Our on-campus interview date at MIT/Wellesley is Monday, March 16th. Submit your résumé, including GPA (3.6 or above) and SAT score (1400 or higher) to MIT Career Services by noon on Monday, March 2nd. For additional information, contact us at:

Juno On-Campus Recruitment
Juno Online Services
120 West 45th Street
15th Floor
New York, NY 10036
oncampus@recruit.juno.com
BOSE® OFFERS ENGINEERS MANY CHALLENGES.

HOW WOULD YOU SOLVE THIS ONE?

1
FIT THIS TUBE

• 4" long.
• 7/8" inside diameter.
• This tube will serve as a loudspeaker port.
• The cross-sectional area must remain within 2.5%.

2
INTO THIS ENCLOSURE

• 2 1/4"H x 2 1/4"W x 3 1/4"D.
• The port – along with the transducer – must be fully enclosed in this space.

3
WITH THESE CONSIDERATIONS

• Air will travel through this port at peak speeds exceeding 150 mph.
• Audible port noise must be completely eliminated.
• The more volume used by the port, the less efficient the speaker becomes.

While bending the tube would allow it to fit inside the cabinet, any bend – even a slight one – would create uneven airflow. And with the air moving at such high velocity, avoiding unwanted port noise was a constant challenge. The extreme precision needed to engineer the contours of the folds required meticulous research involving mathematical models, computer simulations and prototypes.

Bose engineer Laura Schroeder, the development team leader on the project, describes the experience. "With the amount of research that was required, I don’t think you could have done this anywhere else. The company believes in research wholeheartedly, and they understand what that kind of commitment means in terms of time and money. Just look at the track record; it has been so successful, so many times."

Creating the Jewel Cube® speaker required a combination of about 40 different innovations and technologies. This spiral port is just one of them. The need for innovative solutions like this one continues at Bose Corporation. We need people who thrive on solving challenging problems and have a tremendous curiosity about how things work. Put that to use now. Find out more about Bose. Attend one or all of the events listed below.

ON-CAMPUS INFORMATION SESSION – MONDAY, FEBRUARY 23, 7:30 - 8:30 PM. ROOM 6-120.
INFORMATION SESSION AND TOUR AT BOSE – TUESDAY EVENING, FEBRUARY 24, THE MOUNTAIN, FRAMINGHAM.
ON-CAMPUS OPEN INTERVIEWS – WEDNESDAY, FEBRUARY 25, REGISTER AT THE MIT CAREER OFFICE.

For more information fax or e-mail your resume to Lyn Van Huben, Bose Corporation, The Mountain, Framingham, MA 01701-9168. Fax: (508) 766-6475. E-mail: lyn_vanhuben@bose.com. Visit us at www.bose.com.
OUR NEW E-MAIL MONITORING SYSTEM SHOWS THAT YOU SENT A PERSONAL MESSAGE LAST WEEK.

COINCIDENTALLY, THE NEW ALICE MONITORING SYSTEM DETECTS TWENTY HOURS OF UNPAID OVERTIME.

I SUGGEST THAT YOU DEAL WITH THE ISSUE ON A GOING FORWARD BASIS.

THANKS FOR RULING OUT TIME TRAVEL. YOU’RE USUALLY NOT THAT HELPFUL.

ARE YOU SAYING HE UNDERSTANDS THE CONCEPT OF ‘TIME’ NOW?

IS IT MY IMAGINATION OR AM I GETTING SEXIER EVERY DAY?

THE MIRROR DOESN’T LIE. I AM GETTING SEXIER.

I’VE DECIDED TO BE A SUPER-MODEL.

OKAY, BUT STAY AWAY FROM KRYPTONITE.
Many Americans love their domesticated animals.

Sometimes, however, there are too many of them.

Please have your cat or dog spayed or neutered.

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College Retirement Equities Fund
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Famous Hacks Are Students’ Legacy

TBP, from Page 1

ed in the middle of the football field. The hack was so successful, it over-shadowed two other hacks at the same football game — in one, MIT band members pretended to be the Harvard band and managed to play the MIT fight song on the field; in the other, cards were distributed to members in the crowd which, when flipped over, spelled “MIT.” “Hacking is to MIT what football is to other schools,” Keyser said.

Hacking and HIPPP are related Keyser points out that the acronym “HIPPP” has been integrated in many hacks. The police car on the dome had the license plate “HIPPP,” the 1995 class ring has the date “HIPPP” instead of the usual Roman numerals on its picture of the great dome. He suggests that the two are intertwined.

“When I was associate provost,” Keyser said, “faculty would come...”
Carter Criticizes the MIT Administration

Undergraduate Association president Dedri A. Carter '98 gave his State of the UA address last night at last night's meeting. He announced a new $40,000 grant for student activities.

UA, from Page 1

that there was an undergraduate majors guide in the works and noted that last weekend's ski trip and the continuing MIT-Igan Shuttie had proved very successful.

Carter criticizes administration

Carter called for the MIT administration to engage in "Shakespearean Decision Making," saying that administrators should "determine what is to be and what is not to be."

The picture needs to be better defined said Carter. He also spoke out against the tendency to create multiple committees to study the same idea, saying that additional steps tend to distort the original intent. "If I have an idea," said Carter, "I want to see it through to its implementation. You lose something in each translation."

Finally, Carter announced that he has established regular office hours at 1 p.m. on weekdays, except Thursdays. Additionally, the UA is implementing a World Wide Web-based electronic voting system and a new public service award to be given to a MIT student.

The HOTTEST new tech company in Boston

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is the leading investment bank for technology companies worldwide. Deutsche Morgan Grenfell Technology Group combines the entrepreneurial spirit and Silicon Valley/Boston presence of a focused boutique, with the capital and global reach of one of the world's largest banks.

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e-mail: leonard_speiser@dmgtech.com
or
DMG Technology Group
1 Federal Street
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Boston, MA 02110

Why limit yourself
to working for just
one
technology company,
when you could
work for
hundreds
of them?

Deutsche Morgan Grenfell Technology Group

Link to more information.
http://psc-vcc.mit.edu/links

Volunteer in Cambridge Elementary Schools
Teach Science, Tutor kids
Assist in after-school programs
Impact a child's life.

On the web after Friday, February 13th:
http://psc-vcc.mit.edu/links

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The HOTTEST new tech company in Boston
(just happens to be an investment bank)
When Stephen Alter is asked the simple question Where are you from originally? he hesitates. Although seemingly all American but for his slight British accent, Stephen Alter was born and raised in India, in a hill station called Mussoorie, seven and a half thousand feet up the Himalayas. The son and grandson of Presbyterian missionaries living in India for more than half a century, Stephen Alter straddled the profound boundary between the utterly different peoples, cultures, languages, and religions.

In All the Way to Heaven, Mr. Alter pays a loving tribute to his family, his Indian friends, his memories exotic and mundane, and to an upbringing in a land so far away.

MIT professor Stephen Alter will sign his new book, All the Way to Heaven on Thursday, February 12 at 12 Noon at the MIT Coop.

Serving the Academic Community since 1882.
Three Cambridge Center, Cambridge, MA
617.499.3200 • Open Mon-Sat 9am-6pm
Urban Integrated Sloan with Other MIT Departments

News & World Report business school rankings for 2009 showed that MIT once again ranked among the top 250 schools, and we would recommend the program to someone else, up from 73 percent polled the year before. Urban also implemented a new Master of Business Administration core curriculum during his tenure. Over the past five years, student enrollment in the MBA program has increased from 220 to 350 per year, and the number of applications to the school increased from 1600 to 3300. The percentage of admitted students who chose to attend MIT increased from 60 to 75.

The Sloan faculty numbers 84, an increase of 10 in the past five years. The school hired 19 new faculty members in the last year. The number of full professors at Sloan has doubled in the years Urban has served as dean.

Interdisciplinary programs added

In addition, to increasing enrollment and fostering programs that deal with the interface between business and technology, Urban boasts many other accomplishments, both personal and as dean. Urban has been an award-winning researcher. He won O'Dell awards in 1963 and 1996, and his influential papers on marketing research. In 1996, he received the American Marketing Association's Paul D. Converse Award for outstanding lifetime contributions to the development of the science of marketing and the Journal of Marketing award for best paper. Dean Urban earned the Bachelor of Science in mechanical engineering and an MBA from the University of Wisconsin, and a Ph.D. in marketing from Northwestern University. He is co-author of five books, including Design and Marketing of New Products, Advanced Marketing Strategy, Essentials of New Product Management, and Management Science in Marketing. He co-founded three companies and founded another two. His most recent was InSite Marketing Technology, an electronic commerce firm that develops tools to market on the Internet.

Search committee to be named

In the coming weeks, a search committee will be announced by Provost Joel Moses and President Charles M. Vest to find a replacement for Urban. However, Urban's contribution to Sloan and MIT will not be forgotten. "Under Glen Urban's direction, the Sloan School of Management has increased the number of innovative programs strengthened its international programs particularly in Asia, forged stronger links with all five schools at MIT, and fortified MIT's leading role in entrepreneurship," Vest said. "His direction has secured Sloan's position as one of the best business schools in the world, well-prepared to meet the management challenges of the 21st century. I am grateful for Glen's leadership and look forward to working with him in new capacities in the future."

Provost Joel Moses said Dean Urban "has been an outstanding leader and manager who set ambitious goals and achieved them. His vision and drive have boosted the number of Sloan students by more than 30%, doubled applications, expanded the faculty, and dramatically increased the school's organizational efficiency."

“Sloan, from Page 1

Richard et al. Sex and Social Structure.

Urban Integrated Sloan with Other MIT Departments

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Maisha Gray '99 goes for a lay-up in last Thursday's game against Suffolk University in Rockwell Cage. MIT won 73-70.

Tough test?
Call someone for sympathy.

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Ballroom Dancers Bring Home Several Ribbons from Harvard

By Vikas Bhushan

The ballroom dance team competed at the seventh annual Harvard Invitational Ballroom Dance Competition, held on Jan. 31-Feb. 1 at the Armenian Cultural and Educational Center in Watertown. Over 300 competitors were in attendance. The rookies on the team reaped the benefits of their months of hard work by bringing home ribbons in most of the beginner level events.

At the beginner level, with more than 60 couples entered in the competition, Wynny Sanders G and Catherine Sanders G grabbed first place in the American style waltz and fox trot and the international style quickstep events. They also placed second in the international style waltz and third in the American style tango.

Placing right behind Bae and Shaw in the international style quickstep competition were MIT competitors Yedid Workeneh '98 and Marlegh I. Norton '99, placing second, and Seth Webster G and Christine Tsien G, placing third. Workeneh and Tsien also placed second in the American style tango, seventh in the quickstep, and fifth in the American style cha cha.

Dancers do well at higher levels

At the intermediate level, Feng Li '97 and Rong Zhong in the American style waltz/fox trot/tango event and placed fourth in the international style quickstep and foxtrot events. Jennifer Hammock '98 and Arthur Lue placed sixth in the international style quickstep and fifth in the American style cha cha.

At the advanced level, Yuyiilg Chen G and Tom Nugent G swept first place in both of the international style standard events (waltz/quickstep and foxtrot/tango).

Rich Finlay and Reena Freedman were right behind them in second place, followed by Andreas Gantz G and Karen Moksnes in fourth and Li and Zhong in fifth.

In the international style Latin events, Chen and Lajos Molnar G placed third in the samba/jive event while Michael Otero and Freedman placed seventh in the cha cha/tango event. Chen and Michelle Posner placed third in the American style rhythm events.

Posner and Freedman won the American style smooth events, followed by Li and Zhong in second place. Posner, dancing with Ling Liu from Northeastern University, also won the open level American style rhythm and smooth events, and placed fourth in the international style open level Latin events. Also dancing at the open level, Otero and Marta Lapinski G placed third in the international style standard events, followed by Finlay and Freedman in fifth place.

The MIT team is looking forward to hosting the next major collegiate competition in the Boston area. On Apr. 4-5, the second annual MIT Open Ballroom Dance Competition will be held at the DuPont Athletic Center.

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THURSDAY, FEBRUARY 12

Men's Basketball vs. Clark University, 7 p.m.

Squash vs. Wesleyan University, 4 p.m.