MIT's Oldest and Largest Newspaper

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International Students Delayed by Visa Rules

By Lakshmi Nambar
(Failure Report)

As a result of new security measures and regulations implemented by the U.S. State Department following the events of Sept. 11, the travel plans of 100 new and returning international MIT students were delayed, with 17 students still awaiting visa approval.

One new requirement for male international students between the ages of 16 and 45 requires that when applying for a non-immigrant visa, they must complete a new Supplemental Non-immigrant Visa Application (DS-157), in addition to the standard DS-156 non-immigrant visa application. Students were also required to show that they had strong links to their country of origin.

Visa delays acknowledged

A State Department spokesman told The Boston Globe that visa applications that used to be processed in days are now taking six weeks and longer as officials comb through previously untapped databases of foreigners.

Although there were 109 freshmen in an attempt “to curb a large number of bids that may or may not become pledges. “We’re still really excited,” he said.

Hoyos ‘04 said that the zero tolerance policy was in reference to alcohol and poor risk management.

Rush Chair for Delta Tau Delta R. Gottfried, ‘04 said that they were “pretty satisfied” with rush this year. “We had a nice group come over to the house,”

Horvitz Earns Nobel Prize With ‘Cell Death’ Research

By Jennifer L. Wong

MIT Professor of Cancer Biology H. Robert Horvitz ’68 was honored as a co-winner of the 2002 Ig Nobel Prize in Physiology and Medicine. The Nobel Assembly at Karolinska Institute in Stockholm, Sweden announced his award early Monday morning. Horvitz is also an Investigator at both the Howard Hughes Medical Institute and McGovern Institute for Brain Research.

The Weather

Today: Sunny, warm, 61°F (16°C)
Tonight: Clear, cool, 39°F (4°C)
Tomorrow: Partly cloudy, 58°F (14°C)

Details, Page 2
As the shutdown of West Coast ports entered its second week and anxiety rose in factory circles, President Bush Monday took the first step toward ordering longshoremen back on the job. After negotiations between shipping companies and dockworkers broke down over the weekend, Bush created a special board of inquiry that will quickly assess the economic impact of the port closures before figuring the companies’ lockout of the workers poses a serious threat to the nation’s trade, health or safety.

Under the Taft-Hartley Act, the president can then direct Attorney General John Ashcroft to seek an injunction in federal court to end the work stoppage. As early as Tuesday, a judge could order workers and companies to resume operation at the ports for 80 days while their dispute is mediated.

More than half of the country’s containerized cargo passes through West Coast ports, and the bulk goods cannot easily be transferred to airplanes, which are much more costly. One widely quoted estimate of economic damage due to the lockout was $2 billion a day, though some economists said the figure was much lower.

By Brian Loux

Though some economists said the figure was much lower.

MASSACHUSETTS:

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The youth, an eighth-grader at Benjamin Tasker Middle School in Bowie, was struck in the chest by a high-powered rifle bullet as he was entering a supermarket. But the boy, hospitalized Monday after about 2 1/2 hours of surgery, is expected to recover. The first, a 55-year-old man, was killed Thursday morning in Montgomery. The second, a 43-year-old woman was fatally shot Wednesday in Montgomery. Four people, ages 25 to 54, were killed Thursday morning in Montgomery. Two others, ages 25 to 54, were slain Wednesday in Montgomery.

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Lula Seen as Well-Positioned
For Brazil’s Presidential Runoff

On the sands of Ipanema beach, Luciano Araujo beamed as she stood next to her flag bearing the red star of the Workers’ Party, which has been a mainstay of every election since the first round of Brazil’s presidential vote.

The Worker’s party candidate, labor leader Luiz Inacio Lula da Silva, failed to win the 50 percent plus one needed to avoid a runoff on Oct. 27. But he trumped his competitors and is seen well-positioned to return to the left in Latin America’s largest nation for the first time in four decades.

“We are close now, so very close,” said Araujo. “37. We’ve waited 13 years for this, so we can see another three weeks. We still have to convince a few more people that the time has come for Lula, but finally, the momentum is on the side.”

The final results showed that Lula, a former factory worker who won 46 percent of the vote, will face the ruling party candidate, political centrist Jose Serra, who won 23 percent, in a runoff.

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Infected Mosquitoes
Found on Maryland Island

A military team of malaria experts has found two pools of malaria-carrying mosquitoes on a Maryland island in the Potomac River, offering the first independent confirmation that the infected insects appear to be in the Washington area, health officials said Monday.

Researchers working on Selden Island in Montgomery County used a different testing method than employed in Loudoun, Va., where a contractor said this month that it had found pools of infected mosquitoes, and where two teenagers were diagnosed with the disease, which is controlled by a murderous tyrant who has already used chemical weapons to kill thousands of people.

Bush said that the resolution did not mean that war with Iraq was “imminent or unavoidable.” But he said, it would show “the United Nations, and all nations that America speaks with one voice.”

Bush spoke in a televised speech aides said was scheduled so that he could explain his Iraqi policy directly to the American people. While it seems likely that the resolution Bush seeks will pass both houses of Congress by the end of the week, polls show that public support is waning. Mini-Americans still support war against Iraq, but have questions about its timing and the lack of support from allies. Monday night, Bush’s Democratic critics in Congress said they remained unconvinced of the need to strike immediately.

As he made his case, Bush offered little new information, borrowing phrases from his U.N. address last month, reminding him on the congressional resolution at the White House last week, and recent Capitol Hill testimony and news conferences by members of his Cabinet.

Instead, he systematically went through the now-familiar case against Saddam’s long defiance of United Nations disarmament demands and hurling of U.N. weapons inspectors; evidence that he has stores of chemical and biological weapons and is seeking to build a nuclear device; his repres- sion against his own people. And he repeatedly emphasized that a failure to act quickly could disrupt the balance of power in the Middle East and cost American lives.

Among the measures he is seeking, Bush said, “Iraqi regime must reveal and destroy, under U.N. supervision, all existing weapons of mass destruction.”

Since the administration began its push on Iraq, Bush and Congress and the U.N. Baghdad has alternated one is ready to cooperate, and that it will never succeed to U.S. pressure. Iraq has said it has no weapons of mass destruction, and no interest in acquiring them.

The administration has left open the question whether Iraq disar- mament was sufficient to satisfy U.S. concerns, or, some top officials have insisted, only “regime change” would remove the threat Iraq poses.

“I hope this will not require mili- tary action,” Bush said, “but it may. And military conflict could be diffi- cult. An Iraqi regime faced with its own demise may attempt cruel and desperate measures.”

But the president insisted it would be too late to delay action. “Some have argued we should wait — and that is an option. In my view, it is the riskiest of options — I am not willing to stake one American life on trusting Saddam Hussein.”

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Teenage Boy Shot in Maryland
Following 7 Attacks Last Week

The boy, hospitalized Monday night in critical but stable condition after about 2 1/2 hours of surgery, is the youngest of eight sniper victims. The first, a 55-year-old man, was slain Wednesday in Montgomery. Four people, ages 25 to 54, were killed Thursday morning in Mont-gomery, a 72-year-old man was fatal- ly shot Thursday night in the District and a 45-year-old woman was wounded Wednesday.

All the victims were in public places going about ordinary activities — mowing a lawn, filling a gas tank, entering a supermarket. But the shooting of a teenager in front of his school jolted parents and school sys- tems across the region and raised an already intensive police investigation to a new level of urgency.
Police Slaying by Hamas Causes Deadly Street Fighting in Gaza

By Barbara Demick

October 8, 2002

Israelis killed a Palestinian police official in Gaza on Monday, prompting some of the worst street fighting among Palestinians since the start of the uprising against Israel two years ago.

By nightfall, five Palestinians, including the colonel, had been killed in the fighting between Palestinian police and members of the radical Hamas movement. Combined with a predawn raid by the Israeli army against Hamas in which 14 Palestinians were killed, it made for one of the deadliest and most chaotic days in the Gaza Strip in months.

The Israeli raid, in which the army fired machine guns on a hospital and used a combat helicopter to fire into a Palestinian crowd, drew widespread criticism from the diplomatic community.

The surge in violence could be a harbinger of rising tensions as the United States prepares a military campaign against Iraq. It also came on the one-year anniversary of an anti-American rally in Gaza City at which two Islamic militants were killed in a clash with Palestinian police.

The Palestinian colonel who was killed Monday, Rajeh Abu Lehiya, had been head of the riot police, and his slaying was apparently revenge exacted by Hamas-affiliated family members of one of the victims from last year. The Hamas denied Monday any involvement in the killing of the colonel, saying it was a matter of "family revenge."

Palestinians claim that most of the 14 people killed during the raid, which began at 2:30 a.m., were unarmed civilians. The Palestinians said that many people came out of their houses after they believed the raid was finished simply to inspect the damage, and that they were fired on by the combat helicopter. The Israeli army denied that, saying that the crowd was armed and was trying to prevent the army’s retreat.

There were no Israeli casualties during the raid.

Investigators Probe Tanker Blast Called Terrorist Attack by Owner

By Rajiv Chandrasekaran

October 8, 2002

French and Yemeni investigators launched a probe Monday into the cause of an explosion aboard a French oil tanker in the Gulf of Aden that the ship’s owner contends was caused by a terrorist attack.

The ship was rocked by a blast and engulfed in flames on Sunday morning as it neared Mina al-Dabah, a port close to the city of Al-Mukalla, about 200 miles southeast of the Yemeni capital, Sanaa. Officials accompanying the French and Bulgarian crew were rescued close to the still-smoldering tanker by Yemeni journalists who were escorted close to the still-smoldering tanker.

French and Yemeni officials said it was too early to determine what caused the blast on the ship, named the Limburg. A Yemeni official said his government believes an oil leak sparked a fire and caused the blast. French officials said that they could not rule out terrorism, but that they had not seen enough evidence to indicate the blast was set off deliberately.

Yemeni journalists who were escorted close to the still-smoldering tanker reported seeing a charred hole about three feet wide on one side of the ship. The journalists said they were escorted to the site of the explosion from inside the tanker. Officials accompanying the journalists said it was the only hole.

The French firm that owns the ship, Eurotank, repeated its assertion that the blast was intentional and caused by an explosive-laden fishing boat that pulled up to the tanker. The firm said it would have been impossible for the smaller boat to have caused the explosion simply by bumping into the tanker, which has a double hull.

Oil prices were largely unaffected by the tanker explosion, but one oil analyst, Fadel Ghew, of the New York stock brokerage Fehrstock & Co., said he assumed the blast was the result of a terrorist act and that it would have an economic impact. All but one of the 25 members of the French and Bulgarian crew were rescued, officials said.

Key Breast Cancer Gene Identified

By Rajiv Chandrasekaran

October 8, 2002

Discovery of a gene that could be important in many breast cancer cases was announced Monday by a research team at the Cold Spring Harbor Laboratory on Long Island, N.Y., and the University of Washington.

Called DBCC, for “deleted in breast cancer,” the gene is considered a candidate for causing, or helping cause, the so-called “sporadic” cases of breast cancer. These are the non-inherited form that account for about 90 percent of breast cancer cases.

According to a report to be published in the Proceedings of the National Academy of Sciences, the newly identified gene seems to be a “tumor suppressor” gene that applies biological brakes to keep cells from growing out of control.

If it’s damaged, the brakes are released, and cancer gets going. The lead author on the study was Massaki Hamaguchi, at Cold Spring Harbor Lab.

Wigler, in an interview, explained that “most of my work is directed toward finding out who the culprits are. And we think this (DBCC) is one of them. It seems to be mutated in a significant number of cases” of breast cancer, “and there aren’t a whole lot of genes we know like that.”

As Wigler’s team uses RDA, short for Representational Difference Analysis, geneticist Mary-Claire King, a co-author on the paper, explained, “he’s evaluating [the genes] site by site all along the chromosomes, looking for places in the tumor material where both copies of a gene are damaged. When they find a ‘hot spot,’ what they’re either too much or too little DNA, it’s worth a second look.

Wigler’s goal, then “is to find extremely good clues, and then we’ll confirm them if they are real,” King said.

Attention School of Engineering Sophomores:

So you’ve got the technical skills, but do you have all that it takes?

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Want to know more? Come to an info session (food will be served):

Wednesday, October 9th 7-8pm in room 16-114
Thursday, October 17th 7-8pm in 4-231

* Event is pending and limited space for students in different departments will be given at the info session.
In 1940, Adolf Hitler feared a military coup would result from a lack of leadership, so he encouraged a quick succession of victories over the Allies. Valuing his own popularity over victory, Hitler made one of the biggest military blunders of the second World War by ordering his generals not to engage at Dunkirk, thus letting the British forces escape. The British would later regroup and make a stronger showing at a later date, contributing to the ultimate collapse of Hitler’s regime.

Today, the Interfraternity Council faces a parallel situation. It has forgotten its primary responsibilities of unifying the living group community and serving as its governmental and judiciary body, letting details of these jobs fall into the background. This is a clear reason that the interest in the FSILG community, but for the IFC to survive, they must rekindle the actions in light of their responsibility to the community. It should be pointed out that saying that the failure is due to these fraternities for breaking common sense rules giving life to underage drinkers. In a year when individual houses — and with them, the FSILG system — are more at risk to collapse, the decision to flout rules is incredibly self-centered and foolish.

However, greater responsibility rests on the shoulders of the FSILG office, a body that has the key to close in contact with IFC representatives was obviously not aware that a hotly contested zero tolerance policy had been in effect since the beginning of September. Regardless of whether or not the policy was correct, the office should have known about it and adhered to it when deciding to publish.

In addition, the office, in conjunction with members of the IFC executive committee, failed in their responsibilities to make a stronger showing at a later date, contributing to the ultimate collapse of Hitler’s regime.

In addition, the office, in conjunction with members of the IFC executive committee, failed in their responsibilities to make a stronger showing at a later date, contributing to the ultimate collapse of Hitler’s regime.
Ken Nesmith

Deciding to invade Iraq may not be best for the United States right now. It may cost us far more than we could gain, and the attack could spark a devastating backlash that could unleash a series of dramatic attacks against Israel or even other United States allies. The terrorists who carried out September 11 have forever dodged. However, the standard by value objects laid out by the hodge-podge antiwar war mentions are often politi- quate, and irrelevant.

Making the decision that the United States may not invade a country as it would violo- rate that state's sovereignty. If another nation people have the right to self-determination and has apparently suffered hatred to strug- gle for their freedom, and then the entire concept of coming out is under- mined. A comment from the actress actuary is that all states. But a great deal of its purpose lies in the fact that the Iraqis can and should be allowed is that the Iraqis with mistargeted resentment towards the nation that they will remain silent. 

Crispin Schneid

Our 'acting and helping' actually tell "is, at the very least, a cop-out. Either per- missioned. In our time, the act of coming out is un- acceptable in a sensitive context, homoeroticism. All that places this week's cele- bration of "coming out" in a sensitive context.

Michael Johns

No state should have the security of millions of people on desertion, a situation which annoying to two enemies poking knives at each other, the United States is not alone. If the other guy doesn't. If one person slips, both do. So we need to be sure to allow them to do the same, and then pro- clamation's victory against the war, is tradition. More and more is to empower people against leaders who don't care for their own lives. We are all united. Each person, each leader of North Korea, has expressed the desire to launch a nuclear strike against the United States even if it means the destruction of his own country. He wants North Korea to be a moral alternative to granting humans their freedom. He probably like to use them as a measure, but to your true advantage and stay in the war, but you have to be careful to whom would be the least bit interested in get- ting out of the spectacular lounge, and the existence of a world map. We cannot allow others to suffer without.

Philip Borwells

Your sexuality should not determine your life. The moment your driving daily desires become tacticle interaction. The moment you lose control of your potential objects (and, to a lesser extent, "competitor"). Whether or not we have a clear understanding between individuals is a philosophical question, but just pick any issue of Maxon and you'll see the confusion. Unfortunately, once people even suspect another- one's sexual orientation or behavior, the potential objects—sexuality or orientation or not—is no longer real than that person's thought process is dominated by homonephobic thoughts. If you compare the week's cele- bration of "coming out" in a sensitive context, becau- se in the end, the group will find it helpful.

It isעשוי be to believe that the grand focus of people who transcend conventional boundaries, is that the process of accepting specific groups, yet if the importance of accept- ing one's identity is de-emphasized too much, they don't appear to be able to grasp the concept of coming out. Perhaps this distinction was intended, and the GSC wanted to provide an open forum for the over-21 crowd to visit together every week, but in the age of the Rainbow Lounge, the existence of a club event later that week, that seems unlike- ly.

Moreover, this deters any "straight" people who would be the least bit interested in get- ting to know people on a platonic basis, or get- ting those coming out feel welcome. We have to realize there is little difference between them and a homophone and not wanting to be considered homosexual. Theoretically it is possible to differentiate the two, but in prac- tice the distinction is nonexistent; rarely do heterosexually genuinely want to preserve their gender identity. Some (perhaps most) gays, lesbians, or bisexuals might find their sexuality so un- dermined, there is no reason to be interested in the Rainbow Coffeehouse because it's a great place to for hook up or go (choke are not a viable option). Even the detests people who just want to go and be comfortable, to simply hang out and have a good time, and turn them out. (Perhaps this distinction was intended, and the GSC wanted to provide an open forum for the over-21 crowd to visit together every week, but in the age of the Rainbow Lounge, the existence of a club event later that week, that seems unlike- ly.)

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**Events Calendar**

Visit and add events to Events Calendar online at http://events.mit.edu

**Tuesday, October 8**


11:00 a.m. - Admissions Information Session. Free: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

11:45 a.m. - Campus Tour. Free: Campus Tours. Sponsor: Admissions Center.

12:00-2:00 p.m. - Special QWiLLTS Seminar. Free: Room 8-119. Sponsor: MIT Western Hemisphere Project.

1:00 p.m. - MIT Autumn Walk. Free: MIT Autumn Walk. Sponsor: lbgt@MIT.

1:00 p.m. - Campus Tour. Free: Campus Tours. Sponsor: Admissions Center.

2:00-5:00 p.m. - Industry Leaders in Technology and Management Lecture. Free: MIT SOE. Sponsor: Industry Leaders in Technology and Management Lecture.

3:00 p.m. - Glee Club Concert: Beethoven’s Symphony No. 3 “Eroica.” Free: Kresge Auditorium. Sponsor: MIT Symphony Orchestra (MITSO).

5:00 p.m. - 6:30 p.m. - Open House and Dedication of Renovated Spaces at MIT Libraries. Free: Room 10-250. Sponsor: MIT Libraries.

7:00 p.m. - Buddhist Meditation: Guide to Bodhisattvas Way of Life. Free: MIT. Sponsor: Buddhist Meditation.

7:00 p.m. - 8:30 p.m. - Medical Devices - The Long Road to Commercialization. Free: Room 10-250. Sponsor: MIT Enterprise Forum of Cambridge, Inc.

8:00 p.m. - 9:00 p.m. - Admissions Information Session. Free: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

10:00 p.m. - 11:00 p.m. - BrioQuery Quick Start. Free: Room 50-227. Sponsor: BrioQuery.

11:00 p.m. - Midnight Basketball. Free: Room 6-152. Sponsor: MIT Recreation.

Midnight Basketball is back! Sign up is now at http://events.mit.edu. For more information, contact midnight_basketball@mit.edu.

**Wednesday, October 9**

10:00 a.m. - Admissions Information Session. Free: Admissions Reception Center, Building 10, Room 10-100. Sponsor: Information Center.

11:00 a.m. - Free: Room 10-100. Sponsor: MIT Libraries.

11:00 a.m. - 12:00 p.m. - Optics & Quantum Electronics Seminar. Phase Coherent Stabilization of Single and Multiple Femtosecond Lasers: Development and Applications. Free: Riger Bldg 8, R-349. Sponsor: Optics and Quantum Electronics Seminar.

12:00-1:00 p.m. - Artists Behind the Desk Fall Concert. Adult ticketed show. Free: Student Union, Student Center Room 2nd Floor. Sponsor: Student Union, Student Center.

1:00 p.m. - 3:00 p.m. - The Craft Group, an interest group organized by Angela Rie and staff. Free: Room 4-200. Sponsor: Space and Partnerships.

4:00 p.m. - Soccer vs. Brandeis University. Free: Steinbrenner Stadium. Sponsor: Department of Athletics.

4:00 p.m. - Prospects and Pitfalls: Getting Published in the Social Sciences. A Senior Editor of Cornell University Press will offer insights into the barriers to completing your work and getting it published. Free: Room 50-155. Sponsor: Cornell University Press.
**OPERA REVIEW**

**The Barber of Seville**

By Bence Ovecky

**The Barber of Seville**

Teatro Communale di Ferrara in the company of his home country, Italy, is often pre-

The Boston Lyric Opera's螺丝拳的 version of Rossini's *The Barber of Seville* is like.

produced, which originates from Teatro Comunale di Ferrara in the produ-

I magine Mike Tyson in a wig and period costume serenading Julianne Moore to

1980 stars, and enjoying every minute of it.

of his voice still dabbed many of the musical colors gently, there was certainly a nu-

as they are shuffled around the Shu-

a show clearly aimed at a pro-

more voices, setting the tone for an

entent of Mann's enthusiasm unabated, though the selec-

1980s, Til Tuesday played the song “Voices Carry” from the band's debut album *_sonne of her latest, critically acclaimed release, Mann even

This space donated by

3984

**FILM REVIEW**

**Sex With Strangers**

By Joe and Harry Gantz

A string of cinema-vertit credits give Joe and Harry Gantz a legitimate

**STAFF WRITER**

A Unique Voice and Passionate Lyrics

**CONCERT REVIEW**

Aimee Mann's performance was his best pseudo-

Aimée Mann performs with her band at the Orpheum Theater in Boston last Friday.

at the steps of Newby Classics to the steps of

the success of HBO's *Taxicab Confessions*.

 provoked. If you want bizarre, you've come to the right place. This movie is different. It's all about women and sex, and even know come and film them fucking, flirting, and doing anything else.

As an acoustical act — she sifted through her consid-

suffices. Unfortunately, the uniqueness of

drive and enrapturing melody.

and finding a devoted following that trickled

from uppity piano frills to diminutive organ

the steps of Newbury Classics to the steps of

life's bitterness of the spectacle.

If you want bizarre, sex with strangers just might turn you on.

The second (and least developed) of the

Aimée Mann performs with her band at the Orpheum Theater in Boston last Friday. enough for just pretending to care.

So, for all the listeners who don't quite partake in the lyrical trajectory, Mann's dis-

in its current configuration. That Mann is a bit too much of a sedative for their tastes, pointing out their inability to get into her music and only occasionally partake in the lyrical trajectory, Mann's distinctive emotional vocal style and her acoustic guitar playing bring tears to the eyes of the listener.

...can't have Calvin because he really just needs her with both of them. Please.

...can't have Calvin because he really just needs her with both of them. Please.

...can't have Calvin because he really just needs her with both of them. Please.

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...can't have Calvin because he really just needs her with both of them. Please.
Lecter's Chilling Prequel

By Kevin Der

Of course, Hopkins' replication of Lecter is masterful and fully conveys the doctor's disturbing psyche, arguably more twisted at this point than the later version of Clarice's Lecter.

At the same time, the interaction between Dolarhyde and Reba (Emily Watson), a blind woman who befriends the killer, is equally powerful. One cannot help but feel sorry for Reba as she tries to put the moves on Dolarhyde, a perverse individual whose murderous identity is fueled in part on Dolarhyde, a perverse individual whose murderous identity is fueled in part on Dolarhyde, a perverse individual whose murderous identity is fueled in part on Dolarhyde, a perverse individual whose murderous identity is fueled in part on Dolarhyde, a perverse individual whose murderous identity is fueled in part on Dolarhyde, a perverse individual whose murderous identity is fueled in part by William Blake. Dolarhyde's mother has another reason to look for things that were fun and filled with skill and talent.

Nevertheless, it is a praiseworthy film adaptation of Thomas Harris' novel. We could have received much worse from director Brett Ratner, the same man who produced the mindless Rush Hour films. Red Dragon falls just short of the filmmaking wizardry that was Silence of the Lambs, which means it's worth seeing.

2002-2003 EMBS-RMES Distinguished Lecture Series

Redosing Exuberance: The CITM Experience In Innovative Medical Device Design

Jonathan Rosen, Ph.D.

A associate Director of CITM (Center for Integration of Medicine and Innovative Technology)

Director, CITM Office of Technology Development

Thursday, October 10, 2002

7PM (Refreshments at 6:30PM)

MIT, Room 6-120

Could not find the image in the documents.
Vegetarian and Vegan Dining at MIT

Part I: Dining and Grocery Stores

By Sonja A. Sharpe

This is the first in a two-part series on vegeta-
tarian eating options. Next week: vegetarian
and vegan restaurants in the Boston area.

It has become quite apparent that we are see-
ing a growing trend in eating, not just for
MIT students but for the general student
population. More and more, students are
beginning to make dietary changes that are
addressing the issue of the impact of the
food we eat on ourselves and the environment.

On Campus

The comprehensive list of all of MIT’s din-
ing locations, including brief descriptions of
their offerings, is available at http://web.mit.
edu/dining/locations/index.html. Exact hours of
operation are listed at http://web.mit.edu/dining/hours/index.html.

For the purposes of this guide, vegetarian
is taken to mean no meat or fish products,
but including dairy and eggs. Vegan is taken to
mean no animal products at all, but including
honey.

For more general information about vege-
tarianism/veganism, there are many vegetari-
ans and vegans groups active in the Boston area
that provide information about events, recipes, and
related issues. The Boston Vegetarian Society
is an excellent example of this. Their website
is at http://www.boston-veg.org/index.html. It
is a great place to find out what vegetarian-
and vegan friendly restaurants are located
in Boston (for example, the Boston Vege-
tarian Food Festival will be held on Oct. 19
this year). The site also hosts a long list of
links to other vegetarian/vegan-related web
sites.

MIT even has its own MIT Vegetarian Group
which you can subscribe to by going to any of
its many e-mail lists, which cover topics from
recipes to planned activities and group din-
ning. The group has a home page on their
web site, http://web.mit.edu/SVG/www/, is rather infor-
mative and includes a very comprehensive list of
links related to vegetarian/vegan issues.

Cafés and Coffee Shops

MIT’s campus boasts several small cafés and
coffee shops: Dome Café (Building 3, 5th Floor),
Building 4 Coffee Shop (Building 4, Infinite Corridor), Bus Café (Building 68, 1st Floor), The Coffeehouse (Student Center), East Side Café (Building E19, 3rd Floor), and Rehter Centre Coffee (Shawn Building, 1st Floor). These cafés offer only limited vegetarian fare, typically in the form of bagel sandwiches, pizza, yogurt, and a few pre-prepared salads and veggie wraps. The East Side Café does offer several vegetarian breakfast options. There is little available for vegans at these locations, however, typically only a couple of the pre-prepared salads and maybe one of the veggie wraps, although even that is an improvement over last year.

Food Trucks

The food trucks on campus offer a decent
diversity of vegetarian meals, similar to the Food Courts in Walker and Lodge 11, but cheaper. Four food trucks are located just off of Ames Street on the parking lot side of the Biology Building (Building 68). The options here include Yona’s pizza, which offers several veg-
enous food choices; Jersey Joe’s Pizza Café, which offers a vari-
ty of vegetarian and vegan Middle Eastern food, typically wraps and salads; Green City Café, which provides many vege-
tarian and vegan options; and Josie’s Mexican Restaurant, which offers vegetarian burritos, enchiladas, and nachos. The rice and beans at Josie’s are also vegan. A fifth food truck, Concous Kitchen, is usually parked on Massachusetts Avenue across from the Student Center. Concous offers Middle Eastern food of the same type as Jerusalem Cafe, but is slightly cheaper. There is also a second Chi-
ese food truck parked on Massachusetts Avenue, but it is slightly more expensive than Goosberry’s, and offers fewer vegetarian selections. Four truck hours are generally 11 a.m. – 6 p.m.

Grocery Stores

LaVerde’s

This grocery store is conveniently located
on the first floor of the student center, but
it is a bit pricey. The store offers a variety
of vegetarian and pre-packaged meals, which
are made vegetarian simply by selecting a veggie
burger for the patty instead of a meat burger.
Vegetarians will find that virtually all of the
food on the menu can be made vegan sim-
ple by omitting the cheese, and the staff will
happily make a cheese-less pizza for anyone.
The bagels themselves are also cheese-less, and
some vegans can be easily purchased.

Trader Joe’s

Trader Joe’s is a unique store featuring
fresh bagels, sandwiches, snacks, and deli
options. It is one of the most well known
and respected grocery stores for vegans
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variety of vegetarian pre-packaged meals,
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purchased.

What’s for dinner at MIT?

Here are just a few examples of what is
available in the Boston/Cambridge area. It
probably the most vegetarian and vegan
friendly restaurant on campus; vegetarians can
find a variety of salads, veggie wraps, veggie
pizzas, and a few veggie bagel sandwiches. In
addition, most of the bigger options can be
made vegan simply by selecting a veggie
bun for the “sandwich” instead of a meat bun.
Vegetarians will find that virtually all of the
food on the menu can be made vegan sim-
ple by omitting the cheese, and the staff will
happily make a cheese-less pizza for anyone.

On Campus

The comprehensive list of all of MIT’s din-
ing locations, including brief descriptions of
their offerings, is available at http://web.mit.
edu/dining/locations/index.html. Exact hours of
operation are listed at http://web.mit.edu/dining/hours/index.html.

For the purposes of this guide, vegetarian
is taken to mean no meat or fish products,
but including dairy and eggs. Vegan is taken to
mean no animal products at all, but including
honey.

For more general information about vege-
tarianism/veganism, there are many vegetari-
ans and vegans groups active in the Boston area
that provide information about events, recipes, and
related issues. The Boston Vegetarian Society
is an excellent example of this. Their website
is at http://www.boston-veg.org/index.html. It
is a great place to find out what vegetarian-
and vegan friendly restaurants are located
in Boston (for example, the Boston Vege-
tarian Food Festival will be held on Oct. 19
this year). The site also hosts a long list of
links to other vegetarian/vegan-related web
sites.

MIT even has its own MIT Vegetarian Group
which you can subscribe to by going to any of
its many e-mail lists, which cover topics from
recipes to planned activities and group din-
ning. The group has a home page on their
web site, http://web.mit.edu/SVG/www/, is rather infor-
mative and includes a very comprehensive list of
links related to vegetarian/vegan issues.

Cafés and Coffee Shops

MIT’s campus boasts several small cafés and
coffee shops: Dome Café (Building 3, 5th Floor),
Building 4 Coffee Shop (Building 4, Infinite Corridor), Bus Café (Building 68, 1st Floor), The Coffeehouse (Student Center), East Side Café (Building E19, 3rd Floor), and Rehter Centre Coffee (Shawn Building, 1st Floor). These cafés offer only limited vegetarian fare, typically in the form of bagel sandwiches, pizza, yogurt, and a few pre-prepared salads and veggie wraps. The East Side Café does offer several vegetarian breakfast options. There is little available for vegans at these locations, however, typically only a couple of the pre-prepared salads and maybe one of the veggie wraps, although even that is an improvement over last year.

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**CONCERT REVIEW**

**Hoobastank Don't Stake Bringing the Floor Down**

By Cindy Yuan

Hoobastank, Greenwheel and Blindside
The Roxy
Oct. 4, 6:30 p.m.

Hoobastank came this past weekend to perform at the Roxy, bringing with them Blindside, Greenwheel, and an endless score of eager fans. In a relatively early show, Greenwheel hit the stage at 6:30. Performing six songs, including their single “Breathe,” and crowd favorites “Shelter” and “Din Hal,” the band received a warm welcome. As one musician said, “I’d never heard of them before, but they’re definitely cool.” In a rare concert move, however, the group didn’t set foot on stage to begin their seventh song and told to leave the stage. As the crowd stood curious and confused, the band apologized and left the stage as directed by superiors. While everyone was naturally disappointed, it provided lead singer Ryan Jordan with a new natural.“Well, Boston, we’ll just have to come back and finish that song.”A group inspired by bands like Panic, Live, Tool, Radiohead, and guitarist Jeff Buckley, they described their incredible gratitude for the fans, their support, and admiration for them. The crowd was interrupted just as they were about to begin their seventh song and told to leave the stage. As the crowd stood curious and confused, the band apologized and left the stage as directed by superiors. While everyone was naturally disappointed, it provided lead singer Ryan Jordan with a new natural. “Well, Boston, we’ll just have to come back and finish that song.”

**CONCERT REVIEW**

**Crowd-Pleasers at Symphony Hall**

By Jeremy Baskin

Boston Symphony Orchestra
Rafael Frühbeck de Burgos, conductor
Symphony Hall
Oct. 3, 5, 8 at 8 p.m., Oct. 4 at 1:30 p.m.

A new face at the helm every week or two, carefree musicians prancing about in the eye of the storm with the characteristics of an orchestra’s existence in between music directors. This week, the latest face at Symphony Hall was the venerable Spanish maestro Rafael Frühbeck de Burgos, who led the Boston Symphony Orchestra in Beethoven’s Sixth Symphony, Tchaikovsky’s Fifth Symphony and Stravinsky’s Rite of Spring.

With no room for an overture or — God forbid — an unknown, recent composition, performed at the beginning of the program, the audience was left to be present here, as in any symphony of the evening. Maestro Frühbeck’s grandiose gestures led one to believe that Beethoven’s name appears engraved directly above (about four stories above) the podium. The man upstairs was probably smiling contently, as he obviously didn’t have anywhere to be in a hurry. Perhaps, with familiar repertoire performed at comfortable tempos and little emphasis on the external tension, the theme of this evening could have been “too much of a good thing.”

What tie binds the Pastoral Symphony to the Rite of Spring? One is a musical tableau of tranquility while the other is perhaps one of the most abrasive (and, of course, successful) assaults on tonality. They are separated by about 100 years in time but an eternity in terms of a scholar, both pieces are highly programmatic. The reading began timidly enough; perhaps the intensity of the music continued to build from the first part of this evening. Rafael Frühbeck de Burgos led the piano and horn to play with the utmost delicacy and without the least jarring, was a bit too dynamically subdued, with individual instrumentalists aiming for the back of the hall rather than playing off of one another. The ensuing rhythmically charged “Après un Air de Printemps,” arguably the most recognizable part of this piece, was given a rather careful reading. This is not a piece for which one may forgive maestro Frühbeck had to deal.

And deal he did, the intensity of the music continues to build throughout the first part of this evening. Rafael Frühbeck de Burgos has achieved the daunting task, little by little, of getting the players to turn their lassoms into complete carnality. The second part of the ballet, slightly less frenzied, though equally intense, was executed very well (apart from a piccolo mic disaster, though in no small part to excellent tuning pan playing). As the audience applauded for maestro Frühbeck and the musicians, one is left simply to ponder the mystery of each process by which good music transforms (while of course changing at all) from being riot-inciting to being a crowd pleaser. How does such music gain acceptance by audiences, who, by and large, refuse to be the meat and potatoes workings of the standard orchestral canon? Should we credit visionary and insistent music directors who continue to program these great works until audiences finally come around, or is the passage of time enough to dull the resistance? In any case, this evening and the standard programming has taken home a box office victory, but at a high artistic cost. With programs like this one, how can one argue that the Rite of Spring be commissioned, performed, and accepted by the public?

**Boston Symphony Orchestra Student Ticket Program 2002-2003**

The Council for the Arts at MIT offers MIT students the opportunity to attend up to 20 concerts during the upcoming 2002-2003 season for no charge with the E50 College Card.

MIT students only need to showthemselves valid MIT student ID (at the BSO Box Office) to pick up a BSO College Card. Each BSO College Card allows up to 20 concerts and open rehearsals during the upcoming 2002-2003 season. Beginning at 12 noon on the day of each concert, tickets will be available for pickup at one per cardholder at the Symphony Hall Box Office from 10 a.m. to 6 p.m. on concert days.

**Skit Report**

Only one card per full student ID is allowed. Last or stolen cards cannot be replaced.

All programs and artists are subject to change.

For the list of eligible concerts, go to:

http://web.mit.edu/songbird/bsoc/bso.html
1: Nobel laureate Richard Roberts (Physiology or Medicine '93) presents his 24/7 seminar on biochemistry under the watchful eye of V-Chip monitor attorney William J. Maloney.

2: Professional opera singer Margo Button sings the “Grand and Glorious Anthem of the Jargoneers,” the finale of the mini-opera “The Jargon Opera.”

3: Chemistry Ig Nobel prize winner Theo Gray is illuminated by “human spotlight” Jim Bredt.

4: In a “Moment of Science,” Sweetie-Poo Natasha Rosenberg waits while one of the Performing Swedish Scientists readies a pile of aluminum plates atop a Van de Graaff generator.

5: Arnd Leike (right), recipient of the Ig Nobel Prize in Physics, pauses his acceptance speech for a nice cold drink of “beer.”

6: Karl Kruszelnicki (left), who won the Ig Nobel for Interdisciplinary Research, is illuminated by “human spotlight” Bredt (right.)

7: The evening was punctuated by advertisements from sponsor “HMO NO,” making a satirical jab at HMOs and doctors.

Photography by Matt Yourst
Ig Nobel Ceremony Hails Science’s Laughable Achievements of the Year

The 12th First Annual Ig Nobel Prize Ceremony launched its mayhem amidst a bombardment of paper airplanes last Thursday, Oct. 3 in Harvard University’s historic Sanders Theatre in honor of achievements that “can not and should not be reproduced.”

A farcical spin off the Switzerland Nobel Prize Ceremony, the Ig Nobel Prize Ceremony, set a few days before Nobel Prize winners are announced, presented its 10 awards in the categories of biology, physics, interdisciplinary research, chemistry, mathematics, literature, peace, hygiene, economics, and medicine. The winners, representing five different countries, flew in at their own expense. Each winner received a mock trophy with chattering teeth on a metal stand, a certificate, and of course the classic hand-shake.

Nobel Prize Laureates Dudley Herschbach (Chemistry ’86), William Lipscomb (Chemistry ’76), and Richard Roberts (Physiology or Medicine ’85) personally presented the awards to the winners, representing five different countries, flew in at their own expense. Each winner received a mock trophy with chattering teeth on a metal stand, a certificate, and of course the classic hand-shake.

The achievements recognized were bizarre research and findings as the sexual attraction of ostriches to humans, the exponential decay of beer froth as well as a comprehensive survey of belly button lint.

"Science is a very serious business," said Chief Science Advisor to the British government David King. "It’s nice to have a good laugh."

Although the winners and their research and inventions generate much laughter and disbelief, their work is no lie. The Medicine prize went to Chris McManus Professor of Psychology and Medical Education at the Department of Psychology at the University College, London for his report “Scrotal Asymmetry in Man and in Ancient Sculpture” which was featured in the front page and a section of the magazine Nature. "I dare everyone in this room to go to their nearest research library and ask the librarian for it."

"We didn’t think it was so funny at the time," said opera singer Margaret Button. "Don’t be too specific or else you might say something.”

The ceremony also included a series of lectures called 24/7 Seminars where scientists explained the achievements recognized with Ig Nobel Prizes. The theme of this year’s ceremony was “Jar-pon.” The ceremony celebrated its theme in several skits and a mini-opera called “The Jargon Opera” that journeys through the jargon-filled writing and speaking processes of the academic world, starting both professional opera singers and the three Nobel laureates.

"If you write scientific papers, don’t do a dumb thing," said opera singer Margaret Button. "Don’t be too specific or else you might say something.”

This year’s ceremony did not forget to recognize the executives, corporate directors, and auditors of major yet struggling companies of the United States and other countries such as Enron, Global, Rite Aid, WorldCom, and Waste Management for “adapting the mathematical concept of imaginary numbers for use in the business world.”

Opera highlights ceremony’s theme

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The ceremony also included a series of lectures called 24/7 Seminars where scientists explained their field of study in technical terms for 24 seconds and afterwards in “every-day, easy to understand” language in seven words. The topics included astrophysics, language, technology, biochemistry, neuro-biology, and music.

“Biochemistry explains life for chemists, not physicists,” Roberts said in his seven words.

There was also a Win-A-Date-With-a-Nobel Laureate Contest with the “totally yum” William Lipscomb. The ceremony was preceded with a “semi-scientific mini-concert” by the Dresden Dolls, a Brechtian-punk physics band.
“come OUT, come out, wherever *you* are”

NATIONAL COMING OUT WEEK at MIT
October 7-12, 2002

tuesday, oct. 8
- HOMOPHOBIA IN LATINO CULTURES / 5:30-7 pm / W20-028

wednesday, Oct. 9
- RAINBOW LOUNGE OPEN (TEA DANCE @ 4) / 1-6 PM / rainbow lounge (50-306)
- TRANSGENDER LIVES: A PANEL DISCUSSION / 7-8:30 PM / 3-133

thursday, oct. 10
- INFO BOOTH / 10 AM-3 PM / lobby 10
- RAINBOW LOUNGE OPEN / 12-4 PM / rainbow lounge (50-306)
- RAINBOW RECEPTION / 4-6 PM / bush room (10-105)
- QWILTS GAME NIGHT & PIZZA (women only) / 6:30-9 PM / rainbow lounge (50-306)

friday, oct. 11
- FRIENDSHIPS BETWEEN STRAIGHT AND GAY MEN / 2-4 PM / E51-095

for more info: web.mit.edu/lbgp/programs/outweek.html

Sponsored by: the Latino/a Cultural Center, Women’s Studies, Rainbow Coffeehouse, QWILTS (Queer Women Looking for Life In Technical School), Counseling and Support Services, lbgt@mit and the LBGT Issues Group, GaMIT (Gays, Lesbians, Bisexuals, and Transgenders at MIT), Student Life Programs (SLP), and the MIT Friendly Alliance of Queers and Straights (FAQS)
REGISTER TO VOTE!

Voter Registration forms due by October 16th

You Can Register to Vote in Cambridge or Boston

Forms are available in the Coffeehouse, Student Services Center and around the Student Center

(Brought to you by MIT Pro-Choice)
http://web.mit.edu/pro-choice
Rush Chairs Discuss Outcome

Rush, from Page 1

to be,” because “now [the freshmen] meet the guys and like the house, but they don’t have to join.” Sig Ep gave out 15 bids over the weekend but has not yet received any pledges.

In addition, Sigma Nu has had 12 of 13 bids accepted. Delta Upsilon has had 12 of 13 bids accepted, and Alpha Delta Phi received two bids out of six bids. Phi Beta Epsilon has received 19 new pledges and expects approximately two or three more. These numbers are not final and are based only on rush up to Monday evening.

Yardley said that the result may have had to do with the changed length of rush. “It was discussed last year … that there was more time for houses better at this kind of rush to get more and more numbers and not as much time for smaller houses,” he said. “But without talking to all the houses, I can’t be certain that is why it is.”

Chairs analyze new rush

Speaking to the differences between this year’s rush and last year’s, fraternity members cited several reasons, including freshmen no longer needing a place to live and rush happening during the school year. One important source of potential pledges that was cited was the Campus Preview Weekend held for pre-freshmen every year.

Addressing the issue of all freshmen living on campus, Phi Beta Epsilon Rush Chair David R. Schannon ’04 said that last year “we had something major to offer. You couldn’t really get to know everyone [during the shorter rush], but we offered a place to live.” This year had “more to do with social stuff than with housing.”

Beyond not immediately needing a place to live, rush this year also had to compete with the busy lives of freshmen.

“We’re rushing full-fledged MIT members now,” said Rush Chair for Sigma Nu Tim R. Kreider ’04, “so we have to compete with schoolwork and sports. The biggest challenge was meeting people.” Because those who were uncertain about pledging may never have made the time to explore their options.

Because rush was based on freshmen initiative this year, many fraternities relied on contacts made during Campus Preview Weekend. In early April, potential freshmen visit the campus for a weekend and are placed in both dormitories and independent living groups for their housing. According to Kreider, four of Sigma Nu’s 12 pledges so far this year were contacts they had made during CPW.

Yardley has also mentioned the timing of Rush coinciding with the first wave of schoolwork and exams as having a detrimental effect on rush. “We certainly want to try and change that for next year,” he said.

Award-winning Simmons Hall architect Steven Holl chats with MIT President Charles M. Vest before the new dormitory’s dedication ceremony Friday.

Jammie session!

JOE BOUCKY
Now at Kmart
Tahitian dancer Elizabeth Sievert ’05 won the award for Best Individual or Duet Act at Sigma Kappa’s Late Night.

Nightline
Solution to Crossword

The Tech News Hotline
253-1541

MIT
Emile Bustani Middle East Seminar
Presents
ROBERT MALLEY
Director of the International Crisis Groups’ Middle East Program and
Former Special Assistant to President Clinton
for Arab-Israeli Affairs

“The Israeli-Palestinian Conflict: Where From and Where To?”
Tuesday, October 8, 2002
4:30 p.m.
E51-095
70 Memorial Drive
Cambridge

OPEN TO THE PUBLIC

Sponsored by the Center for International Studies

David Mindell

Academic Professor in the History of Engineering and Manufacturing, MIT

BETWEEN HUMAN AND MACHINE
Feedback, Control and Computing Before Cybernetics

Thursday, Oct 10th, 5:30 pm
MIT 34-101, 50 Vassar St., Cambridge

Today, we commemorate the��得性卓での技術,研究,低音, and computing with
Robert Vintar’s 1948 formulation of cybernetics. But the theoretical and political
foundations for cybernetics, cyberengineering and digital computing are rooted,
between the two world wars. In Donald Abram and Stimson, Bell’s David Abraham
describes how the modern era of cybernetics emerged from diverse scientific and
technological developments during World War II.

Mindell’s Harvard University and Adam Smith is an insightful and highly
accessible account of the ideas that paved the way for modern computing.”
— Abraham Abramovitz, editor of the American History of Science, Technology, and Society at MIT.

Mindell’s Harvard University and Adam Smith is published by The John Hopkins University Press, 2005.

This event is FAS and microwave accessible.

authors@mit presents:

David Mindell
Horvitz Receives Accolades From Vest, Many Colleagues

Horvitz, from Page 1

Mit expresses its appreciation into the development of many illnesses that have continuously troubled the world's top scientists. Horvitz heard news of his prize and is celebrating while vacationing in the French Alps. At yesterday's news conference, he said "I would find nothing more gratifying than to learn that one or more of my discoveries led specifically to pharmaceutical treatments and cures for human diseases. That's a dream. At this point, I think that dream is still tenable." MIT expresses its appreciation MIT has been supportive and proud to have one of its own recognized as a 2002 Nobel laureate.

President Charles M. Vest said, "A Nobel Prize announcement is the most exciting confirmation of the excellence and importance of what faculty and students do at MIT. This is a great moment for Bob Horvitz, for science, for MIT and for the future of human health." He emphasized that "it also reminds us of the critical importance of basic science that is driven by curiosity about the mysteries of life. That is the ultimate source of life. That is the ultimate source of the critical importance of basic science that is driven by curiosity about the mysteries of life. That is the ultimate source of the critical importance of basic science that is driven by curiosity about the mysteries of life.

"Bob's work on programmed cell death, and that of his colleagues, is of a fundamental importance and has long deserved this recognition. It could not have happened to a nicer or higher quality individual," Vest said.

Horvitz's laboratory is brimming with pride as well. Ignacio Perez De La Cruz PhD '02, a postdoctoral researcher in the lab, said, "Bob encourages independent training and intellectual freedom." He is a very good person who cares about his students and continually tries to train his graduate students to become great in their field," said Ho-Yeon Huang PhD '02.

Perez De La Cruz said that "Bob is very non-political and puts science and discovery first. He is not preoccupied with who ultimately will receive the recognition for the work." Hill T. Schwartz G also offered his support for Horvitz by saying their lab was a "community of people driven by their own interests" and "enthusiastically and encouraged by Horvitz. Horvitz has long history at MIT Howard Robert "Bob" Horvitz was born in 1947 in Chicago. He graduated from MIT in 1968 with degrees in mathematics and economics. He also served as Managing Editor for The Tech. He continued his education by receiving his Master's Degree in 1972 and his PhD in 1974 in Biology at Harvard University. He then went on to work as a postdoctoral researcher at the Medical Research Council Laboratory of Molecular Biology in Cambridge, England. He came back to MIT in 1978 as an Assistant Professor and became a full Professor of Biology in 1986 and an Investigator at the Howard Hughes Medical Institute in 1988. Since 1989, Horvitz has held appointments in neurology and medicine at the Massachusetts General Hospital.

In addition to joining the ranks of internationally renowned Nobel laureates, Horvitz is a member of the U.S. National Academy of Sciences and a Fellow of the American Academy of Arts and Sciences and the American Academy of Microbiology.

He is also a member of several professional societies, including the Genetics Society of America. He is also a member of the National Advisory Council of the National Human Genome Research Institute and was co-chair of the Working Group on Preclinical Models for Cancer of the National Cancer Institute.

Colleagues lay out foundation

In the early 1960s, Brenner realized that questions about cell differentiation and organ development were difficult to perceive and analyze in high-level organisms. Thus, he selected the nematode Caenorhabditis elegans because this worm was easily viewed under a microscope and had a relatively short generation time.

Brenner broke new ground in 1974 when he showed that specific gene mutations could be induced by ethyl methane sulfonate, proving that various mutations were linked to certain genes and to specific effects on the development of organisms.

Sulston continued Brenner's research by devising techniques to study and examine all of the cell decision in the C. elegans for all cells in the adult organism. He ultimately discovered and demonstrated how the mutations of certain genes contributed to programmed cell death.

Horvitz extrapolates past work

Horvitz started extrapolating on the work of Brenner and Sulston in the 1970s. In 1980, he identified the first two "death genes", ced-3 and ced-4, as being the necessary prerequisites for cell death, apoptosis.

Later on, he discovered that ced-9 was a gene needed to hinder cell death. Its product interacts with those of the first two genes. Horvitz also determined certain genes that controlled how dead cells were eliminated from the system and so forth.

By demonstrating that the human genome possesses a gene similar to ced-3, Horvitz' work provides a great window of opportunity for further research into the possibilities and potential of programmable cell death.

Horvitz has said, "Programmed cell death is a key mechanism for regulating cell numbers and connections and for sculpting tissues. Its misregulation can play a central role in certain cancers, autoimmune diseases and neurodegenerative diseases. We now know many of the molecules that control programmed cell death."

Programmed cell death has allowed experts to understand the mechanisms at play with viruses and bacteria. Cancers arise because of abnormalities in cells; thus, researchers continually are battling against time to find out more information about the "cell suicide" in order to attack and induce death in malignant cells.

Protestors gathered outside the Seaport Hotel in Boston to voice their opposition to President Bush, who was inside the hotel supporting Mit Romney, Republican candidate for Massachusetts Governor. Above right: Romney supporters exit the Seaport Hotel, giving the protestors a "thumbs down." Above: A Romney supporter and his son cross paths with protestors on the sidewalk outside the Seaport Hotel.

Photography by Jonathan Wang

Above: A Romney supporter and his son cross paths with protestors on the sidewalk outside the Seaport Hotel. Right: Clare Dowd of Newbury (left) and Lisa Dorval of Newburyport (right) gathered outside a "thumbs down." Above right: Romney supporters exit the Seaport Hotel, giving the protestors a "thumbs down." Romney for Massachusetts Governor.
The Advocates for Awareness held a forum on “Discussing Race and Diversity at MIT” on Oct. 3 that discussed mainly the role of MIT’s Office of Minority Education and defining the term “minority” at MIT.

The forum began with opening remarks by AFA founder Terrence R. Strader ’04, who addressed the goals that he hoped MIT could achieve by holding the forum. “This forum is an attempt to try to get MIT more involved in relations and actually go out and try to solve these [race-related] problems,” Strader said.

Attendees discuss OME’s role

The night’s discussions began with talk over an opinion piece written by Matthew D. Brown ’06 that appeared in the Sept. 6 issue of The Tech. In the article, Brown questioned the discriminatory nature of a freshman pre-orientation minority luncheon. “Would the same lack of attention be given had the event read ‘Majority Orientation Welcome Luncheon: For Whites Only?’” he wrote.

The attendees of the forum went on to discuss the importance of MIT having such an office. “The OME should be opened to anyone who supports what it does,” said Alia C. Burton ’05. In regards to the luncheon, Burton felt that it should have been open to all those interested in welcoming minority students. “We’re all here to learn,” Burton said.

OME Assistant Director Margarita Ascencio, present at the meeting, attempted to clarify the OME’s role at MIT. “We cater to the under-represented minorities,” she said. Ascencio also acknowledged the poorly worded advertisement of the minority luncheon. “I would absolutely support something to welcome multi-cultural students,” she said.

In discussion about the role of the OME, Janet H. Leung ’06, expressed her discontent over the OME’s exclusion of Asian students as minorities at MIT. “The fact that the minority office is here for all minorities but not Asians is very discomforting,” Leung said. “The vast majority of Asians here have to deal with our own discriminatory issues.”

Leung said she wished that the OME or a similar support system were also available to Asian students at MIT. “It would be nice to know that such help would be there,” Leung said.

Panel lists campus race issues

The forum concluded with attendees formulating a list of “Problems at MIT and ways to address them.” Items on the list included better OME advertising, by clarifying and perhaps welcoming the luncheon to everyone. Attendees also stressed the importance of inviting others along to such events as the forum itself to raise awareness.

“People really need to take advantage of MIT’s diverse environment and get out of their comfort zones,” said Ivana L. Sturdivant ’04. The other problem discussed was determining the “majority” and “minority” groups of the MIT community.

Strader said he saw these problems as some major issues that the MIT community must deal with and work on to improve. “MIT has a long way to go for racial stability. So many people don’t believe that racism is an issue at MIT,” Strader said.

Sturdivant also hopes for the AFA’s forums to become a monthly tradition where members of the community can come and discuss different issues at MIT regarding race relations. “My hope with the forum is that people continue these conversations and discussions,” Strader said. “We can learn so much from each other if people just took advantage of MIT’s diversity.”

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The D. E. Shaw group will host an information session on Thursday, October 17, 2002 at 7 PM in Gates Room, 34-401 E. On-campus interviews will take place October 21. To apply for an interview, send a resume and a cover letter stating your GPA and standard-score test scores to oncampus@deshaw.com.
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MIT is currently looking for talented musical groups to compete against Harvard in a

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Are you interested in helping with Choice of Major, IAP, and UROP programming, as well as molding freshmen academics through Associate Advising, teaching Learning Strategies courses and writing for the web.

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-To find out more about the ARC Student Advisory Board please come to our Info Session on October 9th at 4pm in 5-231.

-This info session will cover the application process, board member responsibilities, and meeting times. If you are unable to attend the information session, applications are available in 7-103.

-For questions please contact
Rebecca Kernik '03 - rkurnik@mit.edu
Elizabeth Young - ecy@mit.edu
Dan Chapman - dwc@mit.edu

*Info Session October 9th at 4pm, Room 5-231

*Applications due on October 16th in 7-103.
Chan, Schmid Explain Decisions to Resign

IFC, from Page 1

When the IFC Executive Committee announced this decision to the President’s Council, Yue said that the IFC is not the investigatory body for the sanctions process, but the execution and implementation of the policy, "there were only the reports not represented." Based on the sanctions that come public … several houses said that the most severe sanction is meetings to social probation. Rogers said that the committee used as fair and as unbiased as possible." However, "I am not here to expedite the process … so that people to drink.

randomly handing out wristbands to some houses were charged with management. De Hoyos said that the semester. "Sanctions included prohibition from the President’s Council to decide what to do of the advisors who represent the students. From the following fall, any students who were told to expect “enhanced security concerns,” they are feeling the pinch of the reality that open scientific research is a cherished and valuable academic tradition in the US higher education system,” said Guichard-Ashbrook. "We are optimistic that the IPASS, while mindful of national security, is not insensitive to the reality that open scientific research and international exchange is a cherished and valuable academic tradition in the US higher education system," said Guichard-Ashbrook. The consulates told the students that everything was in order, but that the applications were undergoing a review by the U.S. State Department that would take "an indefinite period of time." We were getting calls and e-mails from all those students who couldn’t make their travel plans.

Volunteer needed: We need a barefoot student on a physical activity among MIT students, ideally only 10-15 minutes a day, for a week or two (the exact time for any additional exercise we are pleased you do), and you take a picture of an activity and send it back to us (you have a home computer with an internet connection).

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New Visa Checks Detain Students

International Student Numbers to Increase

VISA, from Page 1

with possible terrorist connections. Fifteen of the 19 suspected Sept. 11 hijackers on United Airlines 175 were on the visa visa list illegally on travel visas; there were admitted with business visas; and visa had been done in the past.

In an article in the September 2002 edition of Technology Review, entitled "Make Room for the Freshmen," Rogers is attributed with saying "he hopes that the system adds about 150 new members, slightly less than half of the normal take."

In addition, Schmid said that some IFC members, including himself, felt that each fraction should receive $100 percent compensation in fixed costs in the Financial Transition Proposal. However, Schmid said that Rogers supported the 100 percent compensation with the IFC, but only advocated an 80 percent compensation with administrators and students. Rogers said that he also mentioned this oversight at last Wednesday’s President’s Council meeting.

Motion to retry houses failed

As a result of the numerous complaints pertaining to the sanctions and because the judicial process used was erroneous, IFC ExecComm proposed at the President’s Council meeting on Oct. 2 that the houses’ cases be heard by JudComm. However, a simple majority was not reached in order to "move the houses want to move on," De Hoyos said. Lamont Chan served as moderator on the IFC JudComm, and two JudComm investigators served as the jurors.

Although Chan was a member of both IFC JudComm and ExecComm, De Hoyos said that "as the moderator, he [was] supposed to be unbiased as possible." To determine the sanctions, Rogers said that "the committee used a chart given to JudComm investigators at training so it would be consistent across the houses. This chart provided sample sanctions for low, medium, and high severity violations.

The sanctions range from mandatory attendance at educational meetings to social probation. Rogers said that the most severe sanction is "that people could not drink.

"The things that people were found guilty of were so it was likely that the sanctions would not change dramatically," he said. "Although there was an oversight that needed to be fixed the whole concept of duplicate jeopardy applied." McCaney resigned from his position as treasurer because he felt that the debate over the sanctions had made ExecComm into an "oli-
garchy.

Nonetheless, Yue said that "it was understandable [by the house presi-
dents] that harsher sanctions [were supposed to occur] I think that there was something wrong with the judicial process.

What the IFC Executive was doing was not a personal agenda, that would be the "death" of the President’s Council and honor it," Yue said.

Yue said on Oct. 4, two days after the resolution failed to pass.

"There is no credibility, since we cannot follow through with what we had said we would do," he said.

Yue also added, "It’s not like [the} he could ever take a stance again with the President’s Council after the sanctions of the zero tolerance policy were not upheld. I do what I say, and I refuse to look the other way," Yue said. "I will not support a community that will not support that. It would be for me and for the community of IFC if I step down. I’m not going to hold a position that has no mean-
ing.

Chan felt ExecComm went too far

Chan said that he resigned from the position because he felt that the integrity of JudComm had been compromised by ExecComm. Rogers said that of the four houses that stand by all of the JudComm decisions that had been made during my term as JudComm Chair."

Although ExecComm wanted the four houses to be tried again, Chan thought the rulings were fair and that the decisions made were adequate," said De Hoyos.

Chan said that "the Executive Council has a presence at judicial hearings in order to safeguard processes and to ensure a balance of power.”

Schmid explains resignation

Bryan D. Schmid ‘03 announced his formal resignation as External Relations Chair to the IFC talk-list at Sunday evening, although his resignation letter to the committee was unexpected. Schmid said that he felt that the debate over the sanctions had made ExecComm into an "oli-
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MIT Eight Takes 2nd

Men’s Crew, from Page 24

not help to counter the winds.

MIT starts day with silver

Despite the conditions, the eight got off to a strong start in the running race and quickly passed Pennsyl-
vania State University, opening up a lead of several boat lengths by the finish. MIT could not catch the Marietta crew, which started ahead of Penn State, though, and the Engineers’ time of 14:44.1 was exactly 20 seconds off Marietta’s pace. Carnegie Mellon University, rowing on their home river, finished only 0.3 seconds behind the Engi-
neers for a close third. “They seeded us third, but before a third of the race was through we’d already pulled through Penn State and were going strong,” said coxswain Craig J. Rothman ’05. “It was really smooth through the first two-thirds of the race,” said cap-
tain Andy Hill ’05. “We were putting a lot of power on and rowing well.”

Rough water near the line made a strong finish difficult, and several novice women’s crews left over from the previous division forced the men’s eight into several buoys along the course. Nonetheless, the men were sat-
ished with their first race of the fall season. “It was a good start for the season, and we’re excited for the Head of the Charles,” said Bathurst, who rowed in the seven seat. Bathurst is back at MIT this year after rowing for Emmanuel College at Cambridge University last year, while studying through the CMI exchange program. Two-man Schiff was Bathurst’s teammate last year at Emmanuel College in Cambridge.

Four faces tough competition

MIT won the Men’s Open 4+ race at least year’s Head of the Ohio, but this year faced notably tougher com-
petition, including Olympic training center Pennsylvania Athletic Club. Penn A.C. finished first in 15:00.7, ahead of Wheaton College in second, and MIT in third. The Engineers fin-
ished in 15:56.3 to take the bronze. “It was a really good start to the fall season,” said Coach Gordon Hamilton.

Next week, MIT will look to repeat their strong performance in the run-up to the 16th Annual Head of the Ohio, representing high school, college, club, amateur, and masters rowers.

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By Christopher P. Anderson

On a day when they hoped to impress, the MIT football team did anything but, and fell to the visiting Curry Colonels, 31–8.

The homecoming game featured a celebration of 25 years of MIT football, with scores of former players in attendance, but the Beavers dug themselves a 31–2 hole in the first half and never found an answer for Curry’s big plays. MIT fell to 2–3 on the season, and 0–1 in New England Football Conference division play.

Poor first half dooms Beavers

The Colonels took the opening kickoff and never left the driver’s seat as the momentum wore purple the entire first half. Curry running back Raphael Zammit, the conference’s leading rusher, exploded down the sideline on the first play from scrimmage, setting up his team’s offense in MIT territory and his own TD run six plays later. The extra point kick was blocked, however, and the TD run six plays later. The extra point kick was blocked, however, and the TD run six plays later. The extra point kick was blocked, however, and a strong wind appeared to influence the players.

Undaunted, Curry forced a three-and-out by the MIT offense and caught the ball on a pass interference penalty at MIT’s 25-yard line and escaped the defensive tackle for a touchdown.

Perhaps the best play of the half for MIT was turned in by the punter. Early in the second quarter, the snap line and dropped the ball, and Zammit burst through the line and escaped the defensive tackle for a touchdown.

Kurt Josephson ’06 (84) faces off against the Curry University defense in the midst of his kickoff return. The Bears were crushed 31–8 by the larger Curry University team on Saturday. From Kevin Yurkevich ’06 sailed over the head of kicker R. Matt Ramirez ’06 and into the end zone. Rather than down it for a safety, Ramirez courageously picked up the ball and dropped it. The punt caught the west-to-east wind and after a favorable bounce was downed at the Curry 36-yard line. Curry kept the heat on, however, and at the 11-yard line caught the east-west wind and forced the Bears to punt on fourth down. The Battlin’ Beavers recovered the punt at the Curry 29-yard line and capitalized on the turnover.

Midfielder Doug Allaire ’04 evades a defender’s tackle during Thursday’s soccer match. MIT posted a 5-0 victory over Wentworth College, the Engineers won 3–0 (30–14, 30–24, 30–20). The outcome was never in doubt, as the Colonels played their best volleyball of the weekend in front of a Bates crowd and never lost focus. MIT showed why they are ranked #2 in the region and won the tournament on top of their game, running down a the Brandeis University 15-kill set, while Lauren E. Frick ’06 added of her own kills and five service aces to the effort.

The Engineers are currently 20-2 going into a very crucial conference match Tuesday, Oct. 8 against Springfield College at 7 p.m. in DuPont Gymnasium.

**Men’s Crew Takes Silver, Bronze at Head of Ohio**

By Kevin R. Lang

**Finals Race**

After a long day of nearly nonstop racing, the MIT Men’s Varsity Heavweight Crew came away from the Head of the Ohio Regatta Saturday with a silver medal in the Men’s Club 8+ race and a bronze in the Men’s Open 4+. MIT brought only eight rowers and two coxswains to Saturday’s regatta, but nonetheless competed in three separate events. Each rower raced twice in the 2.8-mile head race, and then again in a 500-meter exhibition sprint race against four other collegiate crews. To finish off the afternoon, the crew split into two fours, competing once again in the head race.

The first four, coxed by Craig J. Rothman ’05, featured captain Andy Hill ’05, Stephen P. Bathurst ’03, and John J. Johansson ’05. The second four, coxed by Lee Squitieri ’05, featured captain Austin Zimmerman ’06 and Jenny C. Alexander ’06 combined for 33 assists in the win.

After a good night’s sleep, MIT started the second day of the tournament on top of their game, running down a the Brandeis University squad in the semifinals. The outcome was never in doubt, as the Colonels won 3–0 (30–14, 30–24, 30–21). Outside hitter Nydia M. Clayton ’04 had a field day in the Brandeis match, tallying 15 kills, while Lauren E. Frick ’06 added of her own kills and five service aces to the effort. It turned out to be more of the same in the championship match as the Engineers showed little respect for hosts Bates College. MIT played their best volleyball of the weekend in front of a Bates crowd that could do little to help their team against the Engineer onslaught. In the end, MIT won 3–0 (30–18, 30–21, 30–20). Zimmerman posted a double-double with 15 assists and 10 kills.

Clayton continued to dominate with 13 kills helping her to earn All-Tournament honors for her strong play throughout the tournament. The Engineers are currently 20-2 going into a very crucial conference match Tuesday, Oct. 8 against Springfield College at 7 p.m. in DuPont Gymnasium.

**UPCOMING EVENTS**

**Wednesday, October 9:**

- **Men’s Soccer vs. Brandeis University** — Zesiger Stadium, 3 p.m.

**Thursday, October 10:**

- **Water Polo vs. Harvard University** — Zesiger Pool, 7 p.m.