Monday Classes Today

MIT's **Oldest and Largest** Newspaper



The Weather

Today: Partly sunny, mild, 48°F (9°C) Tonight: Increasing clouds, 35°F (2°C) Tomorrow: Cloudy, showers, 50°F (10°C)

Details, Page 2

Volume 122, Number 5

Cambridge, Massachusetts 02139

Tuesday, February 19, 2002

MIT Announces Tuition Hike, Required Student Activity Fee

New Fee to Support Activities Fund, Zesiger Athletics Center

By Harold Fox STAFF REPORTER

President Charles M. Vest announced Friday that tuition and fees for the academic year 2002-2003 will be \$28,230, an increase of 4.7 percent from last year.

In addition, all undergraduate and graduate students will be required to pay a \$200 fee "to create a \$600,000 student activities fund and to help defray additional expenses associated with the Zesiger Sports and Fitness Center,' according to a release issued Friday.

Room and board is also expected to rise an average of 4.4 percent to \$7,830, bringing total average expenses for students to \$36,060 per year and the total increase to \$1,610.

Students receiving financial aid will be expected to pay the same self-help contribution of \$7,600. Last year, this was reduced from \$9,600 as part of a major initiative undertaken to make MIT more appealing to prospective students who would otherwise have deemed the school a financial impossibility.

The tuition increase will continue to make MIT one of the most expensive universities in the country. The highest tuition at a private, four year university in 2001 was \$27,982, according to The

Chronicle of Higher Education. The increase is also slightly higher than in recent years. MIT has raised tuition an average of 3.9 percent for each of the past four academic years.

Activity fee surprises leaders

As of last evening, student leaders had not been informed by MIT of the new fee.

"It's a complete surprise to me," said Alvar Saenz Otero G, president of the Association for Student Activities. "I can't say it's a bad thing. As a member of student gov-

Tuition, Page 22

Freshmen Get Advice On Choice Of Major

By Vijay Shilpiekandula

Multiple choice questions can be tricky. When each option looks equally likely to be the correct

scary. Now consider having 22 choices instead of the usual four or

they can be

Freshmen at MIT face this potentially nightmarish choice each year. The Class of 2005 will be introduced today to 22 possible majors from at the Choice of Major Fair in La Sala de Puerto Rico from 1 to 4 p.m. Students can interact with academic advisors and upperclassmen from each field.

"I have no clue what to do. It's confusing as hell," said Merritt S. Tam '05.

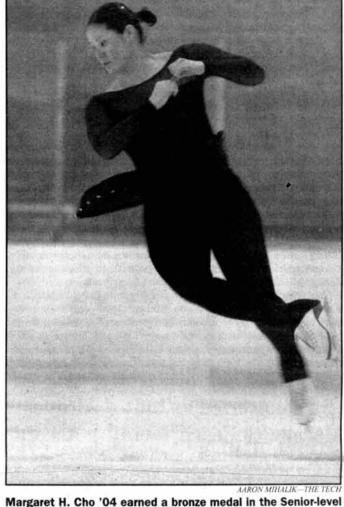
"I haven't figured out things yet. I am still wavering on what [my major] is going to be," said Justin Y. Lam '05.

Course selection forms must be signed by advisors and returned to the Student Service Center before the end of the year.

Identifying interests is key

"Go by what you like most," said Sarah A. Laszlo '04, a major in Brain and Cognitive Science (Course IX). When facing the same decision last year, Laszlo said she

Major Choice, Page 14



Ladies Free Skate hosted by MIT on Saturday. SEE STORY, PAGE 24.

Seventeen With MIT Ties Earn NAE Membership

Four Professors Among MIT's Inductees for 2002

By Jennifer DeBoer

The National Academy of Engineering [NAE] elected 74 new members last week, including 17 with ties to MIT.

"It was something of a surprise to me," said Professor Emeritus of Mechanical Engineering James C. Keck, after finding out from a colleague on Friday. "I've been retired for some ten years, and it's very nice to be remembered like this."

Professor of Chemistry and Material Science and Engineering Klavs F. Jensen, who learned of his selection the day before the official announcement was made, was also pleasantly surprised.

"It's gratifying to be recognized by your peers," Jensen said.

Other MIT faculty and staff inducted into the NAE include Professor of Electrical Engineering and Computer Science Berthold K.P. Horn SM '70, Department Head and Professor of Material Science and Engineering Subra Suresh ScD '81, and Artificial Intelligence Lab Research Affiliate

Richard M. Stallman.

Winners attribute success to MIT

Jensen cited MIT as one of the reasons he was able to accomplish the work that led to his induction into the NAE. "It makes you appreciate what a great place it is to be," Jensen said. "It gives you the opportunity to do the kinds of work that leads to this kind of recogni-

Jensen also gave credit to the MIT community for its supportive atmosphere. "You benefit from the students and the colleagues," he

Keck, whose work with internal combustion engines was recognized after his retirement from teaching, was not surprised to learn of the high proportion of MIT-affiliated inductees.

"It's nice to know that you're affiliated with such a premier institution," Keck said.

Keck spent 25 years at MIT doing the research that earned his

NAE, Page 20



Rhoda and Mark Berenson at an April, 2000 MIT event to raise awareness of the imprisonment of their daughter, former MIT student Lori Berenson. Berenson's appeal of her 20-year sentence in Peru was denied yesterday.

Berenson Denied Appeal By Peru's Supreme Court

Peru's Supreme Court yesterday upheld the 20-year prison sentence against former MIT undergraduate Lori H. Berenson.

In an interview yesterday, her father, Mark Berenson, said that he hoped Peruvian President Alejandro Toledo would pardon his daughter, in part because "she was persecuted by the same man who persecuted him," former President Alberto Fujimori.

He said that he would "appeal to President Toledo and ask for a pardon on humanitarian grounds." Mark Berenson cited the "very harsh prison conditions which have permanently ruined [Lori's] health."

Parents expected results of appeal

The Associated Press reported that the court denied Berenson's appeal against charges that she collaborated with a rebel group in a

Berenson, Page 16



Stefon Harris and Regina Carter light up Berklee.

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Comics

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FEATURE

The Tech presents a guide to the undergraduate majors.

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WORLD & NATION

Man With Explosive Device In Luggage Held at Airport

LOS ANGELES TIMES

OS ANGELES

An inactive Army National Guardsman was taken into custody at Los Angeles International Airport early Monday after a military explosive device was discovered in his carry-on luggage as he prepared to board a flight to Oakland, federal authorities said.

Jacques Baker, 32, was getting ready to board a United Airlines flight when he was arrested by airport police on suspicion of attempting to carry an explosive on board an aircraft, FBI spokeswoman Laura Bosley said.

The device, which resembled an M-80 firecracker and is typically used to scare off seals from fishing grounds, was detected by security workers as it passed through an X-ray machine about 6:15 a.m.

No flights were affected by the incident at the airport's Terminal 6, which was closed for just under an hour as a police bomb squad confiscated the device and determined that the area was safe to reopen, said Sgt. Greg Glodery of the Los Angeles Police Department. "The device was determined not to be a threat," he said. "The fuse hadn't been lit."

'Axis of Evil' Rhetoric Follows Bush Into Japan

LOS ANGELES TIMES

токуо

President Bush might be on a swing through Asia, but the issue that is shaping his visit, in public anyway, is the "axis of evil."

Editorials are warning about the dangerous implications for the world of the president's characterization of Iraq, Iran and North Korea. Demonstrators are protesting the possibility of a new U.S. military campaign. And both Bush and his senior staff increasingly are on the defensive as they are deluged with questions about the administration's plans for dealing with the three countries.

"We want to resolve all issues peacefully, whether it be Iraq, Iran or North Korea," the president said Monday when pressed about his intentions by a Japanese reporter at a joint news conference with Prime Minister Junichiro Koizumi.

Afterward, U.S. Secretary of State Colin L. Powell hastened to tell reporters traveling with the president that America's allies should not fear "a state of war tomorrow." He added, "Let's not swoon."

Strike Averted as United Airlines Mechanics Reach Tentative Accord

LOS ANGELES TIMES

United Airlines and its mechanics union reached a tentative contract Monday only two days before a threatened strike would have crippled United and badly disrupted U.S. air travel.

United, a unit of UAL Corp., and the International Association of Machinists said the 10,600 mechanics and 2,200 utility workers covered by the negotiations would vote March 5 on the pact, with "no disruption to service for United customers."

Specific details of the five-year accord weren't immediately available. But the IAM said it "includes improvements" over a contract proposed by an emergency board established by President Bush in December.

That proposal called for the mechanics — who haven't had a pay raise since 1994 — to get an immediate 37 percent wage increase, among other gains. That would have raised senior mechanics' wages to \$35.14 an hour, the top mechanics' pay in the industry.

But the mechanics rejected that deal because of objections to deferring retroactive pay they're due (their last contract technically ended July 2000) and to making unspecified wage concessions United is seeking from all its employees to survive.

Mediators Seek Truce to End Fighting Between Factions

By Jeffrey Gettleman

TASHQURGHAN, AFGHANISTAN

Mediators shuttled between Uzbek and Tajik commanders Monday trying to hammer out a truce after a factional clash killed eight people and wounded 30 in this northern Afghan town.

The fighting poked a hole in the paper-thin sense of peace here and raised tensions between the region's most powerful warlords, the same ones who had fought together as members of the Northern Alliance.

"When we had to face one enemy, we did fine," said Gholam Sakhi Mourtazar, a police commissioner and one of the mediators. "But now the bigger groups want all the power and the rest of us to disappear. It's like the old days."

Ata Mohammed, the leading Tajik warlord, dismissed such talk with the wave of a hand.

"What we had was just a little problem between local leaders, nothing bigger," he said.

It's not clear what sparked the fighting, which took place Saturday and Sunday 25 miles east of Mazare-Sharif. Some said it was the defection of commanders from one warlord to another. Others blamed tensions over disarmament.

A third reason centered on a local commander who stole sheep and shot a dog.

Whatever the cause, the Tashqurghan melee marked the deepest fissure yet within the Northern Alliance, the U.S.-backed coalition that launched the rout of the Taliban last fall. There have been sporadic battles in other areas of Afghanistan since the Taliban collapsed. But not until this weekend have large numbers of alliance troops unleashed their considerable firepower on each other.

Shells sailed over the town's market, machine guns ripped through stalls selling raisins, spices, saddles and cloth, and one local employee of an aid organization was felled by a stray bullet.

Witnesses said a group of U.S. Special Forces soldiers, who have been providing protection for leaders of three main alliance factions, was nearly caught in the cross-fire.

"The bullets went right over

their truck," said Abdul Qaddir, director of security for Tashqurghan and the surrounding area. "We were very relieved."

Several American soldiers interviewed in Mazar-e-Sharif said they weren't allowed to talk about the incident.

The clash comes at a time when a new police force in Mazar-e-Sharif tries to trim down the number of armed men on the streets and install a sense of order. Gun checks at city limits have helped — somewhat. But hundreds of gunmen still stroll around the city, and there's a growing disillusionment with the interim government in Kabul, which seems a world away.

Different factions tell different stories about the trouble in Tashqurghan, a small town on the . edge of a steppe where farmers shop for supplies and nomads bring their camels for a drink.

According to Tajik leaders, Uzbek troops attacked their positions after three commanders from the Uzbek-led Jambish party defected to the Tajik-led Jamiat party.

Bush Administration Undecided On Course of Action With Iraq

By Alan Sipress

THE WASHINGTON POST

WASHINGTO

Despite a sense of possibility created by the swift U.S. military successes in Afghanistan, Buch administration planners have yet to agree whether to oust Iraqi President Saddam Hussein and how to achieve this, according to officials across the government.

Senior officials have directed their staffs in recent weeks to develop options for confronting Hussein, including a military invasion, support for a local insurgency, backing for a coup and possible combinations of these alternatives.

With some departments still assembling the staff to perform this task, however, the exercise remains far from complete. Senior policy-makers would still like to see some specific ideas by the time Vice President Dick Cheney heads to the

Middle East in mid-March to discuss Iraq policy with U.S. allies in the region.

"There's a lot of work being done on this," said a senior administration official. "This is getting a lot of focused attention. This is clearly an issue that is being seen differently than it was before September 11. But to the best of my knowledge, no decision has been made and no timetable has been set."

President Bush has made clear to advisers and foreign leaders since taking office that he would like to see Hussein removed from power. The effort to develop options for confronting the Iraqi leader represents a resumption of the administration's Iraq policy review, launched early last year and suspended after the Sept. 11 attacks.

But the tenor of the president's tough comments about Iraq in the State of the Union address last month has injected a renewed sense of purpose into the discussions. His statement that Iraq, Iran and North Korea constitute an "axis of evil" has sparked speculation that the White House is on course for war.

In the absence of an accepted strategy and timeline for moving against Hussein, however, Bush's declaration that he will not stand by in the face of Iraqi threats is more an expression of willingness to act preemptively against Baghdad than enunciation of a new policy, U.S. officials said. "This did not cross over some fundamental canyon at the time of the State of the Union. It was not a crossing of the Rubicon. That's for sure," said another senior administration official.

Bush's senior national security team had been scheduled to take up the issue of Iraq at a meeting this month but delayed the discussion because of more pressing matters.

WEATHER

Early Warnings of Drought

By Michael J. Ring

While this winter's abnormally low snowfall has garnered much attention, the consequences of the deficit may extend beyond the present season into the spring and summer.

In 2001 Boston received 31.41 inches of rainfall, which is over 10 inches less than normal rainfall. Rainfall in the month of January was an additional three-quarters of an inch below normal. Accordingly, the states of Massachusetts and Rhode Island have both issued drought advisories.

We have some chances for precipitation week, as a low pressure system moving east from the Great Lakes will bring rain Wednesday night. Additionally, light snow is a possibility for Saturday. However, no major winter storm is on the horizon, and without several more feet of snow this winter, low crop yields and brown lawns will come this summer.

Extended Forecast

Today: Partly sunny and mild. High near 48°F (9°C).

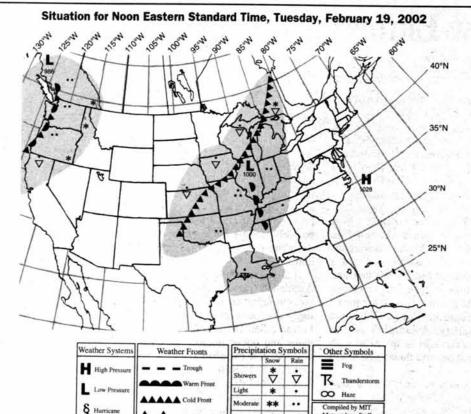
Tonight: Increasing cloudiness. Low near 35°F (2°C).

Tomorrow: Cloudy with rain showers in the afternoon. High near 50°F (10°C).

Wednesday night: Rainy and mild. Lows near 42°F (6°C).

Thursday: Rain ends in the morning; clearing in the afternoon. High in the low 50s F (low teens C) and low in the mid 30s F (2* to 4°C).

Friday: Clear during the day with increasing cloudiness at night. More seasonable temperatures with highs near 45°F (7°C) and lows near freezing.



By John M. Berry THE WASHINGTON POST

Since the middle of 2000, businesses throughout the economy have been reducing their stocks of unsold goods by slashing their orders for replacements below the level of their sales. As orders fell, so did production and the economy fell into a recession last spring.

Now this powerful process is reversing itself and many forecasters expect it to add significantly to U.S. economic growth beginning with the current quarter.

Over the past 18 months, the U.S. economy has grown at an average annual rate of only 0.6 percent, an average dragged down when economic activity declined in last year's third quarter after September's terrorist attacks.

But during the same year and a half, the big swing from accumulating inventories to liquidating them at a record pace late last year clipped an average of 1.25 percentage points off the U.S. growth rate. In the fourth quarter alone, the rise

in the gross domestic product at a paltry 0.2 percent annual rate would have been increased to nearly 2.5 percent except for the added liquidation of unsold goods.

"Inventory liquidation appears to have passed the point of maximum intensity, so stocking should be a solid positive for real GDP going forward," economists at Goldman Sachs Group Inc.told their clients

"Total business inventories fell 0.4 percent during December, following declines of 1.6 percent and 1.2 percent in October and November, respectively," the Goldman Sachs economists explained. "An end to the drawdown in motor vehicle stocks played the largest role in the slowdown, but manufacturing, wholesale and nonauto retail firms also liquidated goods less rapidly (during the fourth quarter)."

In the most recent 12 months, the level of inventories fell 6 percent, a far cry from the nearly 8 percent increase in the 12 months

The really good news about inventories at this turning point in an economic cycle is that businesses do not have to begin to rebuild their inventories to have a major impact on growth. Instead, all they have to do is to decide that they do not want to continue reducing their inventories — and there is growing evidence many firms have reached that

WORLD & NATION

The arithmetic of the impact of inventories on economic growth works like this:

When firms do not change their policies on inventories from one quarter to the next, inventories do not affect the economy's growth rate. That is true whether businesses are cutting inventories or building

What does matter is when firms collectively move in either direction. For instance, in the fourth quarter of last year, businesses liquidated inventories at a record annual rate of \$121 billion. That pace was almost twice as much as the third quarter's \$62 billion annual rate.

Body Count Mounts in Gruesome Georgia Crematory Investigation

and Tom Gorman LOS ANGELES TIMES

The ghoulish discoveries at a rural crematory worsened Monday when incredulous investigators opened four metal boxes packed with more bodies.

By nightfall Monday, the remains of 139 bodies had been collected, and investigators feared that more than 200 might be unaccount-

Because some of remains appear between 10 and 20 years old, authorities said Monday they need to speak with Ray Marsh, who started the business about 27 years ago before turning it over to his son in 1996. But Marsh's health is too poor at this time to withstand questioning, they said.

The macabre mystery is all the more stunning for residents in this everyone-knows-everybody burg because the Marsh family was wellregarded in the community.

The elder Marsh is known here as a successful entrepreneur who once operated a heavy equipment business and lumber mill. He got into the business of death about 30 years ago because he had a backhoe, and a friend asked him to dig

Marsh became a professional grave digger, and began constructing metal vaults to protect interred caskets. Then he opened Tri-State Crematory, charging funeral homes between \$200 and \$300 to incinerate bodies. A few years ago, he opened a cemetery, Marsh Memorial Gardens, just down the street.

On corporate papers, Ray Marsh's wife Clara is listed as secretary-treasurer, but investigators said Monday they don't believe she was involved in the daily operations of the family business.

Until her retirement, Clara Marsh was a life-long local teacher, loved by the community. In 1995 she was named the Walker County Citizen of the Year. She helped conduct schoolbased drug programs for the local sheriff's department, and served in governing positions for the county and state associations of educators.

Detectives want to interrogate the couple's 28-year-old son, Brent, who took over the crematory in 1996 after his father fell ill.

The younger Marsh, who initially cooperated with investigators, is being held without bail in the county jail. He might be arraigned as early as Tuesday on 17 felony counts of theft by fraud - for

allegedly taking 17 bodies for incineration, but not performing the service. Each count carries a one-to-15 year prison sentence upon convic-

The Marshes' reputation began unraveling Friday with the discovery of a skull on the property behind

Investigators said Monday they had no idea how many bodies, intended for cremation, had ended up instead in the vaults, a metal storage shed and in two large pits that were discovered earlier in the day.

They had collected the remains of 139 bodies, of which 27 had been identified. Earlier estimates put the number of discarded bodies at 200. but authorities now fear the number might be much greater. Just since 1996, 350 bodies had been delivered to Tri-State Crematory, according to records shared with investigators by funeral homes in northern Georgia, southern Tennessee and eastern

Investigators are asking the funeral homes to search records prior to 1996.

At a news conference Monday, Dr. Kris Sperry, the state's chief medical examiner, said that all five vaults on the property were filled to

Detained Jordanian Student Claims Law Enforcement Agents Abused Him

By Steve Fainaru

A Jordanian student testified in federal court Monday that law enforcement agents subjected him to physical abuse and harassment during a three-week, four-prison odyssey following his arrest as a material witness in the investigation into the Sept. 11 terrorist attacks.

The student, Osama Awadallah, 21, said that, in one instance, a New York prison guard shoved him handcuffed into a chair, causing his hand to bleed. In another, he said, a guard grabbed him by the hair and forced him to face the American flag, telling him: "This is America." While being held at an Oklahoma City facility, Awadallah said, a guard pelted him in the head with his own shoes and threatened to kill him.

The testimony concluded a fourday hearing into allegations that Awadallah was denied due process before and after his detention Sept. 21. Awadallah is charged with two asked whether he had advance to a New York grand jury about whether he knew one of the hijackers, Khalid Almihdhar.

A federal judge in Manhattan, Shira A. Scheindlin, called the hearing last month after ruling that Awadallah "may have been the victim of coercion and intimidation." If the judge finds that Awadallah's allegations have merit, she may suppress some or all of the evidence, possibly leading the government to drop the perjury charges against

FBI agents had testified that Awadallah was cooperative, signing consent forms for searches and willingly accompanying agents to the bureau's San Diego office after his name and phone number were discovered in a car abandoned by the hijackers at Dulles International Airport. An FBI polygraph expert, J. Antonio Falcon, testified Saturday that Awadallah flunked a voluntary lie detector test in which he was attacks.

Awadallah, who has acknowledged meeting one of the hijackers, Nawaf Alhazmi, "35 or 40 times," denied Monday having any knowledge of the attacks.

A slightly built man with short, dark hair, a thin beard and glasses, Awadallah said agents frightened him into cooperating with the investigation soon after he returned to his apartment Sept. 20 after an English class at a community college. Although FBI agents testified that only a few agents were present when he was first approached, Awadallah said he was surrounded by "15 to 20 agents" in the parking

After his arrest, Awadallah testified, he was mistreated several times. At a San Bernardino, Calif., jail he said he was forced to undergo a strip search in sight of two or three female guards, a violation of his Islamic faith.

Cheney Says Americans Support Bush's Tough Talk

Speaking to 2,500 Marines, Vice President Dick Cheney said Monday that despite "a certain amount of hand-wringing in some quarters" about President Bush's "axis of evil" comment, he believes that most Americans admire Bush's tough talk.

"Most Americans find it reassuring to have a commander in chief who speaks the truth and means exactly what he says," Cheney said during a speech on the tarmac at Marine Corps Air Station Miramar.

Cheney suggested that the next stage in the war on terrorism may involve strikes against countries that are stockpiling chemical, biological and nuclear weapons.

And he noted that of the Bush-designated "axis" countries - Iraq, Iran and North Korea - Iraq has already used chemical weapons against its ethnic Kurdish population and Iran.

'Afghanistan is only the beginning of a long and unrelenting effort," Cheney said. "... Wherever threats are forming against our country, we will respond, and we will respond decisively.

Cheney's 10-minute speech — one of his few public appearances since Sept. 11 — brought repeated applause and shouts of support.

"When something happens to this country, it really works me up," said Lance Cpl. Chad Rains, 19, of Fremont, Calif.

Russian Suggests Fire Doomed Sub

THE WASHINGTON POST

The head of the Russian navy said Monday that the ill-fated Kursk submarine was loaded with obsolete torpedoes containing a highly unstable fuel when it sank 18 months ago, killing all 118 crew members.

Adm. Vladimir Kuroyedov, the navy's commander-in-chief, sug-

gested the fuel somehow caught fire and caused a torpedo to explode, ripping out the ship's bow and sending Russia's most modern nuclear submarine to the bottom of the Barents Sea. He stopped short of identifying a torpedo malfunction as the defi-

nite cause of the disaster, and investigators said they are still looking into what happened. But Kuroyedov said the fuel was an overly volatile mix including hydrogen peroxide. Moreover, he said, the torpedoes, first designed in 1957, should not have been in service and have since been decommissioned.

The commander's comments — the most specific yet by the Russian government about the possible cause of the accident accompanied by a Kremlin announcement that Ilya Klebanov, a deputy prime minister in charge of the Russia's military industrial complex, has been demoted. No reason was given for President Vladimir Putin's decision, other than a statement that Klebanov needed to concentrate on his secondary duties as minister of industry, science and technology.

2002 Winter Olympic Games







Country	Gold	Silver	Bronze	Total
Germany	8	.10	6.	24
USA	4	7	7	18
Norway	9	- 6	0	15
Austria	E	3	9	13
	7.13			
Russian Fed.	4	5	3	12
Italy	3	. 2	3	8
Canada	3	1 -	4	
France	3	3	1	7
Finland	3	2	1 1	6
Switzerland	3	- 1	2	6
Netherlands	2	2	0	4
China	1	0	2	3
Bulgaria	0	1.0	2	
Sweden	0	T	2	3
Australia	2	0	0	2
Spain	2	0	0	2
Croatia	-1	- 1	0	2
South Korea	1	Tiday.	0	2
Estonia	1	0	1	2
Japan	0	- the		2
Poland	0	1	1	2
Czech Republic	0	0	1	1
Slovenia	0	0	1	T



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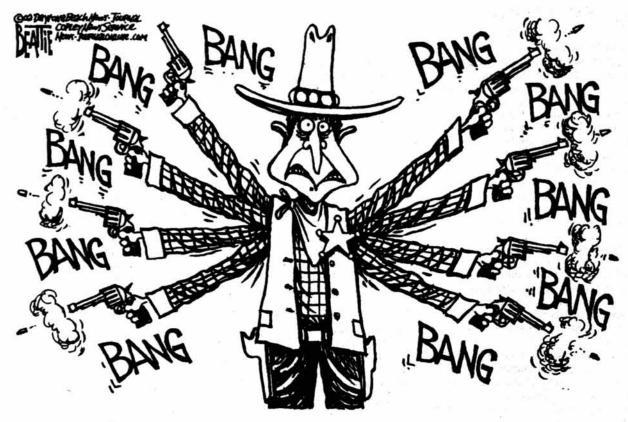
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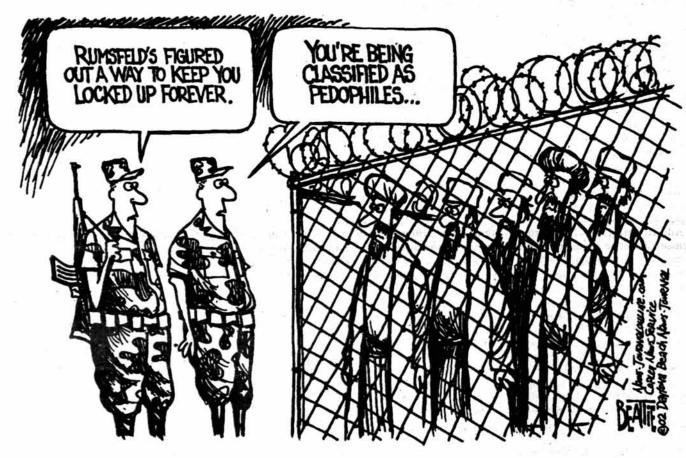
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"So many evildoers . . . so little time."



Letters To The Editor

Don't Blame the UN For Hunger in Iraq

It seems that Dan Tortorice has been getting too much of his information from The Nation. In his article, "Supporting Sanctions On Iraq," [February 15] he says that if we openly trade with the Iraq, we may be funding

That much I agree with. However, he adds, "The death toll from the sanctions is estimated between 500,000 and 1.5 million people, many of whom are children." This statement is utterly false. Kurdish-controlled northern Iraq is subject to the exact same sanctions as the rest of the country, but they suffer virtually no malnutrition. Infant mortality rates in the North are actually lower than they were before the Gulf war. New UN sanctions have made Iraq the second largest exporter of oil, providing Kurdish authorities with the necessary revenue to buy medicines and food. Children elsewhere in the country, parts that are controlled by Saddam, go hungry because of Saddam's insane priorities. He resells needed supplies for his people so that he can fund his military. The United States has actually intercepted several Iraqi ships exporting food.

Dan should not mix Saddam's Iraq with Kurdish-controlled Iraq. It isn't fair to the U.S. and our policy makers. He shouldn't assume that anything that goes wrong should be blamed on the government. As much as the left at MIT would like to believe it, the government isn't all that bad.

Christopher Ng '05

Errata

Friday's article "MIT Participants Bring Slapshots, Big Macs, and IT to Salt Lake City" misspelled the name of MIT's Varsity Women's Ice Hockey coach. Her name is Pashkevitch, not

An article in the same issue ["Sugar Ray Selected to Perform At Annual MIT Spring Concert"] incorrectly stated that the I-Fair will take place on Friday, April 25. It will take place on Friday, April 26.

Opinion Policy

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

Dissents are the opinions of the signed members of the editorial board choosing to publish their disagreement with the editorial.

Columns and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the news-

Letters to the editor are welcome. Electronic submissions are encouraged and should be sent to letters@the-tech.mit.edu. Hard copy submissions should be addressed to The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. No letter or cartoon will be printed anonymously without the express prior approval of The Tech. The Tech reserves the right to edit or condense letters; shorter letters will be given higher priority. Once submitted, all letters become property of The Tech, and will not be returned. The Tech makes no commitment to publish all the letters received.

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.

MIT needs to follow the

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apparel factories.

Labor Rights and MIT Apparel

Guest Column Julia de Kadt and Sanjay Basu

Abuse of laborers in the production of collegiate apparel has long been a contentious issue on college campuses across the United States. Until recently, however, the issue was given little attention here at MIT. We are pleased that MIT no longer wants to be com-plicit to labor abuse. The MIT administration is currently deciding on the best course of action to take to ensure that MIT-licensed clothing, which is largely produced abroad, is made in a way that is consistent with the protection of even the most basic labor rights, ranging from the accessibility of fire escapes to simple needle protection guards on sewing machines

We support the administration's decision to look at this issue seriously. Certainly it is disturbing to realize that clothes bearing the MIT logo might have been made by abused workers who were forced to dip their hands in carcinogenic chemicals without gloves, or by workers locked into factories with no means of escape in a fire.

Both of these scenarios, as well as worse labor abuses, have been documented in factories in cities where MIT clothing is made, and a more thorough investigation of MIT's factory locations has revealed that further abuses are likely taking place in MIT-licensed facilities. Images of worker abuse are not scenes that MIT can allow itself to be tied to.

We believe that in order to address this issue adequately, the administration needs to take action on three fronts:

MIT needs to follow the path taken by several other large universities in drawing up a code of conduct describing acceptable labor practices, and requiring all licensees to sign the code. We believe that it is essential that this code enforce fundamental labor standards that we would consider acceptable as an MIT community, particularly because MIT profits from the sale of clothing made in its apparel factories. We believe that clauses guaranteeing the protection of women's rights and prohibiting discrimination based on race, gender, or pregnancy are crucial to any accepted code

Additionally, we feel strongly that licensees should be required to pay a wage to workers that enables those workers' families to meet their nutritional, shelter and everyday living needs in their respective countries. The code should also contain the standard clauses prohibiting abuse of child labor, protecting worker health and safety, and requiring adherence to all labor laws in the country of production. Currently, no such code is enforced in factories producing MIT clothing.

In order to prevent abuse of workers, MIT also needs to join the Workers Rights Consortium. This non-profit organization, with over 90 affiliated universities, is run by college administrations, students, and labor experts. The organization works together with nongovernmental organizations to monitor the conditions in factories in which collegiate apparel is made. To join, MIT would first need to adopt the aforementioned code of conduct regarding labor practices and require all licensees to adhere to the code.

Then, information regarding all licensees would be given to the WRC and payment of an annual fee of \$1,000 would be required to fund inspections of MIT-licensed factories.

Inspections are generally conducted on a random basis by trained WRC inspectors, or are performed when complaints about a particular received. Inspections are also performed without prior notification to the factory owners. A typical factory inspection would involve worker interviews that probe safety conditions and a visual inspection of the

factory to identify health and safety violations, and an examination of factory records to identify cases of child labor abuse or

While the WRC appears to be a positive

framework for the protection of workers in factories producing MIT clothing, some administrators seem to favor the Fair Labor Association (FLA, an alternative to the WRC). We feel that membership into the Fair Labor Association, while not in itself a bad

thing, will not be sufficient to demonstrate MIT's commitment to the protection of labor rights. Although this organization is similar to the WRC in that it attempts to protect workers engaged in the production of collegiate apparel, the FLA engages in several questionable practices by allowing companies to choose which of their factories will be inspected, and by allowing inspections to occur at a time specified by the factory managers. Additionally, FLA use of untrained auditors who miss blatant violations has been well documented.

While we will not oppose a decision by MIT to join this organization, in that it signals some progress on the issue, we believe that such membership would be insufficient. The FLA has serious shortcomings, and MIT would be caught up in addressing these organizational problems if it joined the FLA. As this would be a long-term process, we believe that immediate membership of the WRC continues to be essential.

Finally, it is clear, from the concerns of

students, staff and professors on this campus, that MIT needs to devote its considerable intellectual capital to the issue of labor rights and human security in factories. Over sixty MIT students and faculty members concerned about this issue have signed a petition urging MIT to adopt all of the measures addressed in this editorial.

In addition, however, long-term support for research into extremely complex but crucial issue may well be among the most important contributions that MIT can make in improving

dangerous conditions at factories. Support for both students and faculty who wish to pursue research and direct action in the field of labor rights is clearly critical to the building of our understanding of the problems involved in this issue and to the creation of new, better solu-

Julia de Kadt and Sanjay Basu are both members of the Class of 2002. They are also both members of the MIT student group United Trauma Relief.

Akshay Patil

Ourselves

Searching

Searched the Web for "Akshay Patil." Results 1-10 of about 25. Search took 0.03

You know you do it. It's okay; we all do it too. For some reason, there's just some inherent urge many of us have to type our names into a search engine and marvel at what we find. What other people with our names have been up to. Coming across old guestbook entries from 1996 that for some obscene reason appear as the most relevant result to your search even though you have a Web site dedicated to the glory of you.

Some of us more self-centered individuals also have that sense of anger that comes from searching for your name and having the first search result come back with a page about someone else with your name. That unclean illegitimate child ... what makes them more important that you? I understand your pain, for I too am a victim of such angst. Over the years, I have battled for the sacred spot of most relevant result with some business major in Virginia; for many years he was the champion, relegating me to my oppressive, sub-relevant search results. But through tireless efforts, I have emerged victorious. Sure, some may question the validity of my triumph. So what if I coerced friends into linking to my

So what if I coerced friends into linking to my site? All is fair when it comes to being king of the search results.

site? So what if I registered my Web site on Google? All is fair when it comes to being king of the search results. What was infuriating was that for many moons my most powerful weapon, my homepage, did not even appear in the results page. How was I to emerge a Web site leader when the search engines refused to recognize my little corner of the universe? It was annoying, aggravating, and utterly pointless. Should I have really cared? Were there staggering numbers of people in this world who were desperately trying to find information about me but were instead unable to discover my Web site, thinking instead that I'm concentrating in Finance and Marketing at the University of Richmond? I should think not. But for some strange reason, I still cared.

For the poor bored souls out there, an entertainment tip: you can learn a lot about your friends when you run a search, as I sometimes do when I'm utterly bored. Who would have known that she had a ThinkQuest Web site on genetics? Or that he used to post on SlashDot? It's a strange strange world we live in, and once it's on the Web, it's there forever (assuming, of course, no one ever takes the site down -- not that they'd ever do something like that).

It almost makes you feel sorry for those people with "normal names," the ones that come back with 2,000+ results, none of them relevant. They may never know the joy of being able to type their name into that little box, hitting return, and seeing a page of links somehow related to them. Instead, Google comes back with a page full of tales about namesakes who are apparently far more interesting than they are. Maybe they will someday feel a greater sense of triumph, having overcome a far more imposing hurdle. But it's a site-eat-site world out there, and I don't envy your egotistical task.

The Internet is a vast place. Knowing that there's a little bit of it somehow related to you can be comforting. But most importantly, there is the eternal joy of victory I still carry with me since the day I triumphantly found my name at the top of Google's search results. And on that day of glory, the urgent masses who had been vainly searching for my Web site finally succeed. But one cannot grow complacent. I continue to fight so that one day the time will come when the entire first page of search results will center around me. When that day comes, I will become a grand master of the Internet, and all shall bask in the glory of my conquest. That, or Akshay Patil of the University of Richmond is going to drive up here and beat me to a lifeless, nerdy pulp.

How Much Ado is Too Much?

Philip Burrowes

The obvious meaning (or is it doublemeaning?) to the movie title John Q is that the title character - John Quincy Archibald could represent any John Q. Public whose family is lost through the cracks by managed health care. Only this time, the "Public" fights back by using a gun to take an emergency room hostage and indirectly turning the system's own media against it. Well, that and this average John, because he is played by Denzel Washington, is black. Are we to believe that the United States has evovled since Washington's debut in the 1981 film Carbon Copy, where the premise of the movie was his "black-ness," to the point where a black man can depict your everyday American?

Some of you are probably confused by now. What the devil could possibly be wrong with letting Denzel play this part? He's an Oscar-winning actor up for another Oscar this year; he can play anything he wants, right? Well let's take a look at what he won the Oscar for. He played a slave in Glory. As for his recent nomination for Training Day, he played a corrupt cop. Let's not forget his similarly-nominated command performances in Malcolm X and Hurricane, both of which had him playing ex-convicts.

In all due fairness, Mr. Washington has also played a few lawyers, many officers of various types, and once played an angel. Nor has he only been recognized by the Academy for performances that "put black people in their place," as only his recent turn playing Alonzo Harris in *Training Day* could be seen as negative. The point is he has made a career of roles where his race was central to the story and now when he's supposed to signify the collective worries of "ordinary" citizens, we should swallow that without another thought?

Or maybe it was deliberate, and the filmmakers were trying to send a message. They could be trying to say it's time to accept blacks as no different from any other person. Certainly they couldn't be saying the only men capable of resorting to violence against the system are black (if only because Michael Douglas was all over the Angry White Male thing in Falling Down). What reason is there to rule out, however, that they felt black males either had greater propensity towards such action or would better represent embattled rage? Isn't that all black men complain about: The Man putting them down while black women emasculate them because of parenting issues? All of a sudden it's not a coincidence that John Q is pushed into action by his wife's demands for resolution of his son's situation.

Before this turns into merely a rant on Denzel Washington and John Q, let's take a long look at the rest of the box office. Snow Dogs starred another Oscar-winning black actor (and it's fair to say Cuba Gooding Jr.'s believability in Jerry Maguire hinged greatly on his being black) in which the fish-out-ofwater premise was no doubt played up visually by skin color; it was Cool Runnings: Special Edition. Monster's Ball garnered black actress Halle Berry an Oscar nomination for a role which much more deeply revolved around race. Hart's War relies heavily upon race but it's easily overlooked given the current patriotic atmosphere. Pop-star vehicles A Walk to Remember and Crossroads both have token black characters, which tend to paradoxically reinforce the notion of "black-ness" as compared to "her-ness." Let's not even get into the lily-whiteness of Oscar darlings A Beautiful Mind and Lord of the Rings: Fellowship of the Ring because here that would

require getting a little too personal. Queen of the Damned and Rollerball are perhaps the only major films on the market where race did not dictate casting of black leads. Then again, an argument could be made that their respective stars - Aaliyah and LL Cool J - could not have gotten parts without their musical success, which in turn was made a great deal easier by their race. It's more supportable for LL given the often parochial attitude of the rap community (being from Queens may have made it just as easy on him at the beginning of his career, for New York was cranking out the dominant rap artists) but as Christina Aguilera, Teena Marie, and even Elvis Presley could attest, singing the same way but looking different equals another

What about Sammy Davis, Jr.? He sang the same style as the rest of The Rat Pack. Granted he never went through Paul Robesonsized troubles, but he had his difficulties. In any case Frank and Dean didn't try to use him for his race either to target other black people or to seem more integrated for whites (with all due respect to the billions of people who aren't black and/or white, who cared about you back then?) yet it's not like we can pretend it wasn't an issue. The next question is, does that make us worse or better off?

Crack Our Tough Stories.

Drop by one of our weekly news meetings, Sundays at 5pm in Student Center Room 483.

<join@the-tech.mit.edu>



The COMOS February 19, 2002

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the crass rat











INTEGRAL FORCE









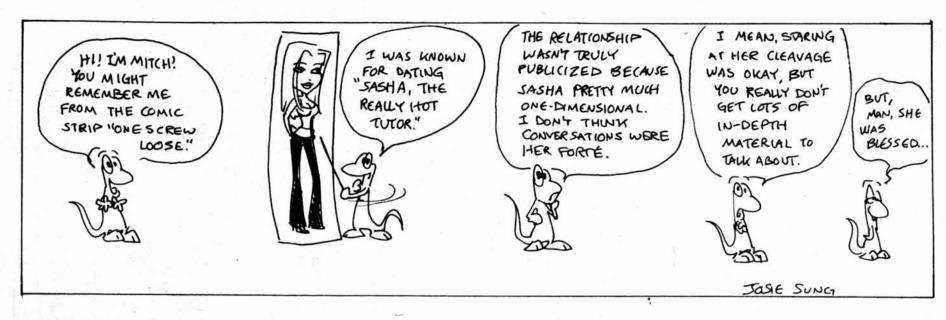
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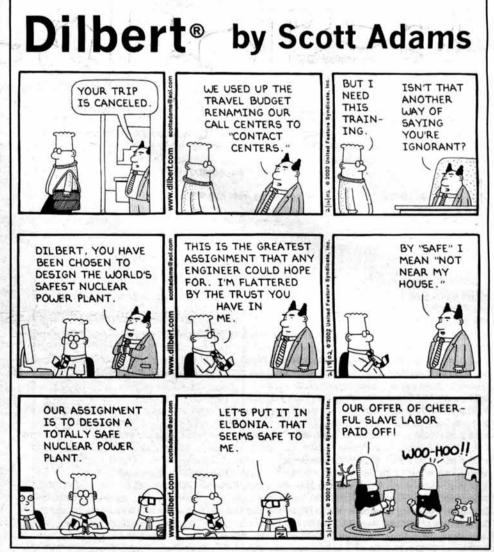












Want to see the full picture?

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 Joel. 6

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Invented facts

Track gathering

Becker or Yeltsin

Down for the night

Mauna __ volcano

Cookery expert Rombauer

Chicken/king connection

Inning enders

Fence the loot

Loses footing

Singer Paul

Hoods' guns

Forbore

Tribute

Barbering

ICU element

Sheriff's band

Bridle part

Sound quality

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Grace

Army bed

Shoe part

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In good shape

Part of a process

_ Hall University

60 Clair de_ 61 Jamaican export 62 Join in

> 63 Pops the question 64 Jab

65 Takes ten

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3 Phoebe and Phobus

Keenly enthusiastic

5 Terrorized

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21 Silent assent

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Events Calendar

Events Calendar appears in each issue of The Tech and features events for members of the MIT community. The Tech makes no guarantees as to the accuracy of this information, and The Tech shall not be held liable for any losses, including, but not limited to, damages resulting from attendance of an event. Contact information for all events is available from the Events Calendar web page.

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

Tuesday, February 19

12:30 p.m. - 2:00 p.m. - Smart Resumes, Cover Letters, and CVs. Learn the fundamentals of creating strategic, resumes, cover letters and CVs.Please bring 3 copies of your resume or CV to be critiqued at the workshop. Pre-registration is required. Free. Room: 12-196. Sponsor: OCSPA.

4:00 p.m. - 5:00 p.m. - Mechanics Seminar: Scaling in Solid Mechanics: From Nano to Mega. Room: 5-234. Sponsor: Mechanical Engineering Dept. 4:15 p.m. - 5:30 p.m. - GTL Seminar. Combustion Oscillations in Laboratory-Scale Gas Turbines. Free.

Room: 31-161. Sponsor: Gas Turbine Laboratory. 4:30 p.m. - 6:00 p.m. - "The Empire of Cotton: A Global History." Humanities Workshop Series, Spring

2002. Free. Room: 14E-304. Sponsor: History Office. Literature Section, SHASS. 6:30 p.m. - Architecture Lecture. "Space on the Loose." Talk by Vito Acconci, artist, New York. Free. Room: Rm 10-250. Sponsor: Department of Architecture.

7:00 p.m. - 1:00 a.m. - Ladies Night at The Ear. Every Tuesday is Ladies Night at The Thirsty Ear Pub, with special Tuesday-only beverages. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 a.m. Tuesday - Thursday: 7 p.m. - 1 a.m. Friday: 4 p.m. - 1 a.m. Must be over 21. Proper ID required. Free. Room: The Thirsty Ear Pub. Sponsor: The

7:00 p.m. - "Building a Community on Trust" - Ford/MIT Nobel Laureate Lecture. The Ford/MIT Nobel Laureate Lecture featuring Dr. David Baltimore who was awarded the 1975 Nobel Prize in Physiology or Medicine for "discoveries concerning the interaction between tumor viruses and the genetic material of the cell." Dr. Baltimore is currently the President of the California Institute of Technology. Free. Room: Kresge Auditorium. Sponsor: Community Services Office.

Wednesday, February 20

12:00 p.m. - 1:00 p.m. - Focus on the Arts Program. Pianist Samira Tabraue performs works by Rachmaninoff, Chopin, Beethoven, and MIT Professor of Music Peter Child. Free. Room: Killian Hall. Sponsor: MIT Women's League.

12:10 p.m. - 1:00 p.m. - Physical Oceanography Sack Lunch Seminar. Free. Room: 54-915. Sponsor: Physical Oceanography.

3:00 p.m. - 5:00 p.m. - spouses&partners@mit: Travel in the U.S. A representative of Council Travel will answer your questions about travelling and talk about their services. Childcare provided. Free. Room: W20-400. Sponsor: spouses&partners@mit.

3:30 p.m. - MIT Faculty Meeting. Free. Room: 10-250. Sponsor: Faculty Chair.

3:30 p.m. - 5:00 p.m. - Winning Interview Techniques. Learn how to prepare effectively for an interview and practice with your peers. Pre-registration is required. Free. Room: 12-196. Sponsor: OCSPA.

4:00 p.m. - 5:30 p.m. - When to Seed, When to Harvest: The Four Quads of Innovation, Growth. United Parcel Service. Free. Room: Wong Auditorium, Tang Center. Sponsor: Office of Corporate Relations/ILP. 4:00 p.m. - 5:00 p.m. - SMA HPCES Seminar. "Assigning Channels in Mobile Phone Systems: Which Approaches Work?" Free. Room: Room 3-133. Sponsor: Singapore-MIT Alliance/HPCES.

4:15 p.m. - 5:15 p.m. - Maps and the Jack Symmetric Function. Reception at 3:30 p.m. in Room 2-349, Free, Room: Building 2, Room 338. Sponsor: Combinatorics Seminar. Department of Mathematics. 6:00 p.m. - Opening Reception-Weire Disparate, Get Used to It: Images of Punks Pioneers and the Great Minds of MIT and Harvard. Exhibition of photos by John Nikolai of punk rock pioneers and great local minds. Free. Room: Wiesner Student Art Gallery. Sponsor: Wiesner Student Art Gallery.

6:00 p.m. - 7:30 p.m. - Careers in Environmental Policy. Panelist include: Daniel Greenbaum MCP '75 -President, Health Effects Institute Myra Schwartz - Massachusetts Watershed Coordinator for Environmental Protection Agency, Mona Haywood MCP '96, Regional Radon Program Coordinator, US Environmental Protection, Agency, Light refreshments will be served. Preregistration is required. Free. Room: 4-237. Sponsor: OCSPA. Technology and Policy Student Society.

7:00 p.m. - Mr. Hulot's Holiday. Free. Room: 26-100. Sponsor: LSC, Comparative Media Studies. 7:00 p.m. - 9:00 p.m. - The 2002 Global Health and Policy Lecture Series. Arresting Epidemics: Global Efforts to Combat Infectious Disease. Free. Room: 2-105. Sponsor: Hippocratic Society. United Trauma

7:30 p.m. - 9:30 p.m. - Renaissance Dancing. There are many forms of Renaissance Dancing that we practice. From Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary: instruction is provided. Free, Room: W20 (Sala or 407 or 491). Sponsor: Society for Creative Anachronism.

7:45 p.m. - 9:45 p.m. - Ingredients for Global Economic Recovery and Implications for the Asia/Pacific Region. This seminar will be delivered live from MIT to Singapore. Free. Room: Building 3, Room 370. Sponsor: Singapore-MIT Alliance, Office of Corporate Relations/ILP.

8:00 p.m. - The Vagina Monologues. V-Day performances to raise awareness and money for organizations that work to stop violence against women. Since 1998, hundreds of colleges and universities around the world have produced benefit productions of "The Vagina Monologues" for V-Day, a worldwide movement to stop violence against women and girls. V-day is also a day — on or around Valentine's Day for which annual theatrical and artistic events are produced to raise money and to transform consciousness. This is MiT's first year joining the college campaign. All money raised from MIT's "Vagina Monologues" performance (and other V-Day activities) will be donated directly to organizations that work to end rape, battery, female genital mutilation, and sexual slavery. Sale of t-shirts and chocolate vagina pops will also benefit local charities. Tickets available week before and the week of the performance in Lobby 10. Find out more about V-Day at http://www.vday.org.> \$10, \$8 w/MIT ID. Room: Kresge Little Theater. Sponsor: Dramashop. Pro-Choice Group.

8:00 p.m. - 11:00 p.m. - Boston Underground Film Festival. Independent Film Festival Wednesday showing "Don't Ask Don't Tell" at 8 p.m. \$8. Room: 10-250. Sponsor: MIT AV.

9:00 p.m. - 1:00 a.m. - Music at The Ear. LIVE electronic music by Signals and Systems starts at 9 p.m. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 a.m. Tuesday - Thursday: 7 p.m. - 1 a.m. Friday: 4 p.m. - 1 a.m. Must be over 21. Proper ID required. This event is funded in part by the Grants Program of the Council for the Arts at MIT. Free. Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub. MITDMC, ATat.

Thursday, February 21

9:00 a.m. - Nominations Open for 2002 Awards Convocation. The 2002 MIT Awards Convocation will be held on May 13. The Awards Convocations honors students, faculty, and staff members who have made special contributions to the life of this community. We invite you to submit nominations through March 22. Go to http://web.mit.edu/awards> for more information. Free, Sponsor: Awards Convocation. 12:00 p.m. - MIT Chapel Concert. Phillips Consort of Viols. Apt for Voice & Viol: English Renaissance Consorts and Songs. Michael Hamill, treble viol; Hannah Davidson and Sheila Beardslee, tenor viol; Sarah McManaway, bass viol. Free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section. 12:00 p.m. - 1:00 p.m. - How to Work a Career Fair. Career Fairs provide and excellent opportunity for

students to research your options, learn about specific companies, and practice your presentation skills. Sometimes, however, career fairs can seem overwhelming. Come and learn about the strategies for successfully working a career fair, whether you are seeking an internship or professional job opportunity. Preregistration is required. Free. Room: 5-233. Sponsor: OCSPA.

12:00 p.m. - 1:00 p.m. - E-mail with IMAP . IMAP (Internet Message Access Protocol) allows you to store and work with your e-mail on a central server, a benefit for certain users who read e-mail regularly from multiple locations. This quick start covers how to decide if IMAP is right for you and some basics on using it with Netscape Messenger. Free. Room: N42 Demo Center. Sponsor: Information Systems. 1:00 p.m. - 2:00 p.m. - Weight Watchers at Work meetings at MIT. New and returning members are

always welcome at this weekly meeting on weight control. Friendly, relaxed lunch hour meetings. More info: tpriest@mit.edu. Room: Building 8-219. Sponsor: Information Center. 4:00 p.m. - "Physics as Aesthetic Pursuit." Talk by Margaret Wertheim, author of "The Pearly Gates of Cyberspace: A History of Space from Dante to the Internet" and "Pythagoras' Trousers: God, Physics, and

the Gender Wars." Free. Room: Rm 14E-304. Sponsor: Program in Writing and Humanistic Studies. 4:00 p.m. - James Henderson Memorial Lecture. On Sept. 11, 2001 we found ourselves on the front lines of a battleground for which few of us was prepared. No one knows that better than General Flowers, who will share his thoughts on those events, the Corps of Engineers response and engineering leadership in general. He will share his leadership experiences during times of crisis and how that has shaped his call for the engineering community to take on a reinvigorated role in public life. Free. Room: 3-270. Sponsor: Technology and Development Program.

4:00 p.m. - 5:00 p.m. - The Wave Driven Mean Tropical Upwelling in the Lower Stratosphere. Free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.

4:15 p.m. - 5:30 p.m. - Seminar "Soot Formation Study in Fuel-Rich Combustion Using a Rapid Compression Machine." Spring 2002 Sloan Automotive Lab/Energy Systems Seminar Series." Free. Room: 31-161. Sponsor: Sloan Automotive Laboratory.

4:15 p.m. - 5:15 p.m. - Combinatorial Online Optimization. ORC Spring Seminar Series. Seminar followed by reception in the Philip M. Morse Reading Room (E40-106). Free. Room: E51-145. Sponsor: Operations Research Center

5:00 p.m. - 8:30 p.m. - Children's Culture and New Media. This Forum will discuss how new media products for children are conceived and developed and will also consider the social and cultural implications of a digital world in which children are media makers as well as consumers. Free. Room: Bartos Theater, Media Lab. Sponsor: Communications Forum, Media Lab.

6:00 p.m. - What is marriage for? Free. Room: 34-101. Sponsor: LBGT Issues Group, Women's Studies Program, Graduate Consortium in Women's Studies.

7:00 p.m. - 11:30 p.m. - Boston Underground Film Festival. Independent Film Festival Thursday showing "Don't Ask Don't Tell" at 7p.m. and "Abracadabra" at 9:15 p.m. \$8. Room: 10-250. Sponsor: MIT

7:00 p.m. - 9:00 p.m. - Enron's Collapse: What Happened, Why, and What You Can Do About It. Tyson Slocum, Research Director at Public Citizen in Washington, will speak about the events, policies, and circumstances that precipitated the collapse of energy giant Enron. Free. Room: 4-163. Sponsor: MIT Greens.

8:00 p.m. - The Vagina Monologues. \$10, \$8 w/MIT ID. Room: Kresge Little Theater. Sponsor: Dramashop. Pro-Choice Group.

THE ARTS

Regina Carter and Stefon Harris

Violinist and Vibraphonist Jazz It Up

By Allison Lewis

Regina Carter and Stefon Harris Berklee College of Music Friday, Feb 15 \$30 reserved seating

> tefon Harris and Regina Carter, two great jazz artists, combined forces at

the Berklee Performance Center for a unique and exciting performance Friday night. Stefon Harris, a commanding vibraphone player whose newly released Black Action Figure was named Best Jazz CD by Newsweek, led a simple quartet that included piano, drums, and bass. Regina Carter, a stunning jazz violinist, is critically acclaimed for her solo work with Wynton Marsalis and Cassandra Wilson. Her quintet included piano, drums, percussion, and bass.

"Man, I love my job!" began Harris, when he stepped onto the stage. This passion shone throughout the show. Using no set list, the quartet moved wildly from soft to loud, playing so well together the improvised parts sounded composed.

Their first song, "Rebirth," began with a unique piano solo that reminded me of a twisted Vince Guaraldi's "Linus and Lucy." Then the other instruments joined in, bringing the music to a short and deafening climax - the vibraphone bewitching and humming like a human voice, the brave bass player plucking away.

The next song began with a compelling vibraphone solo, revealing Harris' honest and beautiful style. The drummer

launched into a groove and led the music into loud, head-bobbing jazz. I was less impressed with the last song, "T.T. Boom," which seemed dull at times but had one charming piano solo.

Carter began with "Black Orpheus." She played the dark, quiet song seamlessly, with gentle perfection and obvious classical back-

"Prelude" was fast and fun, with strong hints of country and rock and roll. Not the usual barstyle jazz, the song mixed African chanting with Riverdance, revealing, as it ended, a surmoving so wildly he seemed to be having a fit. During his solo, the piano player became Jerry Lee Lewis, banging away like he couldn't hit a wrong note. The percussionist led the audience into a forest of chirping birds, fluttering wingsin-the-wind, and rattlesnakes. Carter bobbed her head and the musicians jumped into a fast melody, punctuated by excited shouts of "hah!" In "The Music Goes Round and Round,"

Carter made her violin sing like Ella Fitzgerald, who once performed the song. Again the musicians sang the end, filling the stage with their energy. The last song, named "Mohito" for a Cuban drink, had a Latin-swing. Carter commanded the audience to clap and sing "Mohito!" in repetition with the music. She set her violin down and danced with the pianist, swinging like they were at a Cuban dance club. The timbale player provided their vibe, punctuating the beat with the sounds of her native tongue as she bobbed with her drums. Her strong voice and drum solo gave the music intense movement, making me wish she had been featured more.

At the end of the concert, both groups came out on stage and wrapped arms around each other: two vastly different performances, but clearly one great show.

Though Harris and Carter each had a unique, unpredictable styles, these performers escaped common jazz repetition and made each song stand out. They played out to the audience and enjoyed themselves under the bright stage lights. They sang and danced, too, and by the end of the show, I wanted to be on stage. I understood at once why

they both genuinely love their jobs; the performance was alive. Stefon Harris and Regina Carter made music that was heard and felt.



Violinist Regina Carter and vibraphonist Stefon Harris energize the stage at the Berklee Performance Center.

> prising amount of singing talent in the group. Carter moved with her violin like a fiddler, and the audience couldn't help but join in, one man

DANCE REVIEW

Giselle

Beautiful and Bland

By Bence Olveczky

Giselle Presented by the Boston Ballet Wang Theater through Feb. 24. Tickets \$25-\$78, \$12.50 Student Rush

he Boston Ballet's repertoire has always been an uneven mix of the old and the new, the classical and the contemporary. While their few forays into modern ballet, such as last year's From Distant Shores, allow the company to experiment and tread new ground, it is the classic productions that are the crowd-pleasing money winners.

With lavish sets and costumes and classical choreography, the Company's production of the 19th century ballet Giselle is another addition to the blockbuster category. It's all very romantic, illusory, and professional, but the production, which comes to Boston from Australia, is also bland and boring, with few surprises. It is the kind of show your grandmother would have naggingly dragged you to when you were ten, insisting that you experience the high arts.

Giselle, with music by Adolphe Adam, opened appropriately at the Wang Theatre on Valentine's Day. The romantic ballet, originally choreographed in 1841 by the granddaddy of classical ballet, Marius Petipa (Sleeping Beauty and Swan Lake), tells the story of unrequited love. Giselle, innocent and beautiful, is courted by the already betrothed Prince Albrecht, who disguises himself as a peasant to increase his chances. Unaware of who her suitor really is, Giselle loses her heart to the charming prince. When his true identity is finally revealed, she also loses her mind in the famous "mad-scene" and eventually dies.

The second act takes place in a folkloristic dreamscape deep in the German forest, inhabited by the Wilis - ghostly apparitions of young maids who have all died after being betrayed by their faithless lovers. This is where Prince Albrecht comes to mourn at Giselle's grave, and where he is reunited with her ghost.

Plenty of dramatic infusion is needed to propel the story forward, and for it all to work, the dancers need also be good actors. Adriana Suarez, in the role of Giselle, pulls it off beautifully. She has an unequaled stage presence, and is able to communicate Giselle's rapidly changing emotional states with grace and subtlety, being simultaneously frail and resilient, hurt and proud. Her "madscene" chillingly evokes a distressed and desperate soul and is clearly the highlight of an otherwise bland first act.

Yuri Yanowsky makes Prince Albrecht come alive as a studly aristocrat who is as much a victim of this romantic tragedy as is Giselle. His precision and agility is impressive, but sometimes his dancing seems more forced than graceful. The star that outshines them all, however, is Sarah Lamb, who completely dominates the second act as the Queen of the Wilis. Her light step and fluid, smooth movements gives the eerie impression of her character being, well, a ghost.

To distinguish a classical ballet production, the sets and costumes are as important as the dancers. In this department, Boston Ballet forgoes the daring and the imaginative and opts for the proven formula. In the first act the naturalistic stage design and the foliage colored costumes, both designed by Peter Farmer, leaves little to the imagination. It serves to create a rustic atmosphere that fits the story, but it fails in bringing the production into the 21st century.

Modernizing Giselle was clearly not on the Boston Ballet's agenda. While their antiquarian approach to classical ballet may be a safe bet for the box office, in Giselle, it has given birth to a production that seems dated and tame, lacking in both emotion and

The second act is somewhat redeeming. With less grandiose costumes and stage props, and more imaginative use of the lighting, the stage is turned into an eerie fairyland. The stage is less crowded than in the first act, and the solos by the aforementioned Sarah Lamb and her two accompanying Wilis, Nao Kusuzaki and Rie Ichikawa - become the highlights of an evening of dance that starts out a little dusty and tired, but picks up steam along the way.

THEATER REVIEW

Stone Cold Dead Serious

The Strange Redemption of a Geek's Dysfunctional Family

By Eric J. Plosky

ADVISORY BOARD

Stone Cold Dead Serious American Repertory Theater Written by Adam Rapp Directed by Marcus Stern With Matthew Stadelmann, Guy Boyd, Elizabeth Reaser, Deirdre

O'Connell, Robert Runck t's hard to write a satirical play that's also serious about its

characters' redemption, but Adam Rapp - something of a rising star in the Boston theater scene - gives it his best shot in Stone Cold Dead Serious, now in a limited engagement at the American Repertory Theatre near Harvard Square.

Many MIT geeks can probably identify with 16-year-old geek Wynne Ledbetter (Matthew Stadelmann), who thus needs little further description. Wynne's a finalist in a national computer-game tournament, and off he heads to New York to try, as they say, to cop the lolly. He leaves behind three relatives so individually dysfunctional that, unlike the Bradys, they somehow don't form a family. Dad (Guy Boyd) is hopped up on painkillers following an accident at work; he rambles incoherently, obsesses over QVC, and can't always control his bowels. Mom (Deirdre O'Connell) dizzily tries to keep order between double waitress shifts. Shaylee (Elizabeth Reaser), Wynne's sister, has wandered off to become a homeless drug addict.

Wynne's eye is on the \$1 million video-game championship solely to help his family - he wants to pay off the mortgage, get Dad his operation, and send Shaylee to rehab. Here's where the redemption theme picks up. But Wynne's not alone in his altruism. Mom's started thinking about religion, and Shaylee figures that offing herself can only make things better for everyone else. Nonetheless, off Wynne goes to New York, hitching a ride with a perv (Robert Runck) and picking up a girlfriend, Sharice, along the way (Reaser again, in a dual role).

The performances are strong all around. Boyd gets most of the best lines as the incontinent father; Stadelmann, though sometimes shrill, is energetic and engaging in a demanding role. O'Connell humanizes the entire affair, while Reaser - though impressive in both of her roles - is a standout as Shaylee. From the first act, when Shaylee is so far gone she propositions her own brother for drug money, to the last, Reaser provides the play's emotional ballast.

As Sharice, Reaser doesn't get to talk at all - Rapp has made her a mute, one of several odd choices by the playwright. The script has Wynne fancying himself a "fierce and brutal weapon of death" in samurai style; he talks endlessly about martial-arts training and ritualistic suicide. This is because Rapp's video-game championship actually consists of a to-the-death swordfight, another eyebrow-raiser. Whatever point Rapp meant to make with Wynne's strange transformation from blue-haired geek to shaved-headed Ninja Turtle is lost; this whole part of the play falls flat. Too bad, as Wynne's alternate persona could have been intriguing to explore in more depth.

Because Rapp eventually decides to take seriously the absurd samurai battling, it's difficult to understand what ultimately goes on. The redemption theme does survive the last act, as Wynne, Shaylee, and their parents reach out to one another, but the play-train nearly comes off the rails in the process, especially during one awkward late scene when the Ledbetters watch Wynne's swordplay on television.

The direction, by Marcus Stern, is as uncertain as the writing in some of the thin later parts, but overall, the play moves agreeably along. Stern handles Wynne's departure from his family with a mixture of wryness and glee, making that scene particularly successful. Technically, as is to be expected at the ART, the play is first-rate, although some of the music cues jar slightly. The costuming is spot-on, and Wynne's sudden change of appearance couldn't be more shocking.

Despite his thematic confusion, Rapp displays a talent for snappy dialogue and peppy tête-a-tête. He gives his characters an amusing Middle America voice and a small-town perspective that constantly comes to the surface — eating at the Sizzler every night is noted as one potential benefit of Wynne's million-dollar prize. Some of the smaller traits of Rapp's characters - it turns out that Dad wears suits while fishing - are somehow appropriate, and help to flesh these folks out a bit. Each character is well-developed, with the curious exception of Sharice, Wynne's short-lived girlfriend, who seems almost an afterthought.

In the end, the Ledbetters come together: Mom fingers her rosary beads, Dad sings softly to Shaylee, and Shaylee can finally give Wynne a shoulder to rest on. But it's too neat an ending for such an ambitious play - maybe Rapp, riding high after a string of successes, overreached himself. Still, it's a compelling show, and undeniably well suited to the blue-haired MIT crowd. Just leave your samurai sword at home.

MUSIC REVIEW

Electronic Music for the Masses

Deep Dish: Global Underground 21 - Moscow

By Eric Chemi

eep Dish, nominated for a Grammy last year for its remix of Madonna's "Music," and again this year for remixing Dido's "Thank You," recently released its own double-CD set in the twenty-first volume of the Global Underground series. Included on this album is the Dido remix, along with their remixes of songs by artists such as Fatboy Slim, Envy, Dino Lenny, and Manaca.

An upbeat selection of songs — something similar to what a dance club would play — is essential to this album. Most listeners do not require too much from electronic music, so that is why it is disappointing that Deep Dish fails to deliver on even this most basic of levels. Because this album includes Deep Dish remixes of songs from several music genres, one would expect the different tracks to contrast and complement each other. Instead, all the tracks mesh together into one long, continuous song. In addition to monotony, the album feels forced together, with pounding, thrashing bass and unnatural beats thrust upon the listener.

The only difference between the songs is whether or not a particular remix includes vocals or not. It's nice to see that Deep Dish tried to present some form of variety, but the vocals rarely seem to add much to the quality of the song (Dido being the exception). The vocals, like much everything else, are arbitrarily placed amidst incongruous background music.

Deep Dish, which also owns its own record label, illustrates with this compilation its need to focus more on the corporate side of music. For most listeners of mainstream music, it's hard to tell that Deep Dish could have done so much better, but this album is nevertheless a failure.

All Moscow has to offer is some decent beats here and there. One of the tracks earned a Grammy bid, but the album is, to put it simply, forgettable. Of 25 tracks, not one actually sticks out as distinct or high-quality. Some DJs here at MIT can do a better live job of mixing music from their dormroom turntables than Deep Dish did on this album with their expensive equipment and extensive recording sessions.

Each track segues smoothly into the next. Without looking at the digital display on your stereo, it would take at least a minute to actually realize a new song had begun. Deep Dish probably spent too much time trying to organize the tracks for such tight segues, and it was a great misuse of their time, because everything else about the album is haphazard and dull.

I don't know what else to say that would actually serve to give more insight on this album. Many people will consider the album a decent collection of electronic tracks, and that's probably true. But for Deep Dish, or electronic music in general, Global Underground 21- Moscow is nothing special.



DC based duo Deep Dish cranks out forgettable tracks in their new Global Underground album.

FILM REVIEW***

Believe It Or Not!

Thriller Features Giant Moth and Richard Gere

By Brian Loux

The Mothman Prophecies Written by John A. Keel and Richard Hatem Directed by Mark Pellington Starring Richard Gere, Will Patton, Debra Messing Rated PG-13

n order to express how enjoyable this movie is, I have to explain what you may have heard critics and viewers term its 'extreme unbelievability." The storyline, while nerve-wracking on the screen, looks utterly ludicrous on paper and it is pointless to try to make it sound believable. The movie is not for those who write off a movie about the paranormal when a scientific implausibility pops up.

The life of star reporter John Klein

John Klein (Richard Gere) investigates the eerie Mothman with the help of Sgt. Connie Parker (Laura Linney).

(Richard Gere) is going believably swell (as opposed to a typical Hollywood paradise). He suddenly loses it all when he and his wife Mary (Debra Messing) get into a serious car accident that leaves her on her deathbed and John unscathed. The cause of the accident is get ready - the apparition of a giant mothbat creature right in front of the car.

But wait, it gets interesting. John didn't see the Mothman, and we only do for a millisecond. The only clue denoting foul play is an odd silver residue on the front of the car. When the Mothman makes his presence known two years later by making John wind up in small Point Pleasant, West Virginia, some 400 miles off course, he finds that this whole town is being haunted by this same monster. After he is satisfied that these natives aren't as dumb as a sack of hammers, he decides to investigate all these sightings

More pieces fit into the puzzle, with the Mothman now haunting people's dreams with tales of future disasters. But, and this is what cancels out all the incredulousness, the puzzle pieces never really come together to give you a clear picture of Mothie's motives and plans. And no matter what you think of the story so far, deep down inside you want to know why. But Director Mark Pellington is of course not going to give that to you until he spooks you for the next hour and a half with grenades like

the Mothman having a voice, and wanting to

It may sound like a lousy "X-Files" plot, but just like Chris Carter was able to do in the early seasons, Pellington makes a suspenseful masterpiece out of a summer read. While the story plays out, you are much more interested in what action each character is going to take than running common sense tests on Mothman's powers.

Foremost in aiding this movie's cause is Richard Gere, who delivers a likeable and real performance as the Mothman chaser. He shows the emotions and, more importantly, the frailty of his character so the audience can understand his often foolish actions.

Coming in a close second is the amazing camera work. Each setting is transformed to something so perfectly eerie that one can't

even shake the nervous feelings during a town Christmas festival. The eerieness is even kicked up a level in between scenes as audiences are treated with shots that are presumably from the Mothman's point of view that grow more and more sinister as it plays games with Gere. The only really unbelievable part that will haunt viewers' minds is the attractive Laura Linney allegedly hailing from small-town West Vir-

The rest of the movie tends to parallel Pellington's other work, Arlington Road. The many, many other twists and

turns that follow make the movie really begin to creep the hell out of you. While the climactic denouement is a bit more predictable than that of its Arlington Road counterpart (one can probably figure out what will happen five minutes before the scene begins), it still ties most of the loose ends together and leaves the audience pleasantly unsatisfied.

The movie's ability to suspend its viewers' disbelief dies immediately when the credits begin to roll. Deeply reflect on the movie for more than a minute and its magic will collapse like a house of cards. But the molehill of plausibility won't matter when you're in the theater; the mountain of smart and classy suspense will.

FILM REVIEW***

Storytelling

Misanthropic Solondz Sticks to His Guns

By Jed Horne STAFF WRITER

Storytelling

Written and Directed by Todd Solondz Starring Selma Blair, Robert Wisdom, Paul Giamatti, Mark Webber, John Goodman, Lupe Ontiveros, and Jonathan Osser Rated R for violence, sexuality, nudity, drugs

ccording to Todd Solondz, Hell is New Jersey, Dante's worst nightmare of perverts, pedophiles, and other

Think what you want of Solondz's world view, but it is difficult to accuse this young (and brilliant) filmmaker of anything much worse than choosing an easy target. His third major production (following Welcome to the Dollhouse and Happiness), is another low-budget, highly offensive flick testing the boundaries of decency and the pain tolerance of American moviegoers, who seem to prefer their suburban angst dripping with American Beauty brand syrup and whitewashed by critical impotence. Solondz sees no beauty in culde-sacs — only ubiquitous, morally unambiguous dysfunction, and scathingly funny humor.

The first of the film's two segments is set in the early 1980s. In "Fiction," Vi (Selma Blair) is seduced by her black creative writing professor (Robert Wisdom). Wallowing in self-pity and white guilt ("Don't be a racist, don't be a racist ..." Vi pleads with herself, ante-coitus), she writes a short story about the experience to share with the class

In "Non Fiction," the contemporary and inexplicably much longer story, hapless documentary director Toby Oxman (Paul Giamatti, Private Parts) makes a movie about the life of Scooby (Mark Webber), an alienated suburban kid whose interests include other boys and Late Night With Conan O'Brien. Of course, who wouldn't be screwed up growing up in his family? His earnest but feckless father (John Goodman) and more-Jewishthan-Jesus mother (Julie Hagerty, a dead ringer for Dr. Laura Schlessinger) rule over a household in need of perpetual damage control. Scooby's brother Mikey (Jonathan Osser) convinces his hypnotized father to fire the live-in maid, Consuelo (Lupe Ontiveros, Born in East LA), because he thinks she's lazy. Brady (Noah Fleiss), the pretty but shallow

other brother, is in a coma after being injured in football practice.

Self-consciously introspective and bordering on pedantic, Storytelling examines the line between fiction and nonfiction, filmmaking and reality. It is clear that Todd Solondz has very little respect for his characters, but he scolds Toby for the same failure. Vi, whose anti-apartheid convictions seem to be littlemore than t-shirt slogans, drowns in her own racist fantasy of black male virility, but Solondz almost mocks his own production, in which the only black character likes to tie up young white co-eds during rough sex.

Although it has a darker overall feel, much of this film harks back to Happiness, and the loners and losers of Storytelling could easily have been another one of the four or five subplots in the previous movie. Solondz even uses many of the same camera techniques, including a shot in which Robert Wisdom's black face fades almost entirely into the black backdrop. Questionable, however, is his decision to paste a red square over bits of a sex scene. A ratings ploy? Or a ratings ploy masquerading as a cinematic statement?

The actors in the film are uneven at best; aside from veteran John Goodman most of the other performers have previously only graced the silver screen in supporting roles. Particularly disappointing is the performance of Mark Webber, whose humorless veneer makes his character more grating than biting. Mike Schank is underutilized in his almost thirty seconds of screen time as Toby's assistant, a role that he played with tremendous gusto in American Movie, another film-about-making-a-film.

Criticism aside, the movie serves up the unabashed social commentary for which Todd Solondz is deservedly infamous. "Even though you're poor, don't you have any hobbies or interests or anything?" Mikey asks Consuelo as she scrapes what appears to be congealed fat off the floor of the kitchen.

Maybe I'm a terrible person (and maybe that's what Storytelling is trying to say), but I can't help but enjoy myself at the expense of other people. Laughter is always much heartier when it's tinged with guilt and self-recognition. And nobody, with the exception of my second-favorite misanthrope Neil LaBute (In The Company of Men), is as exploitive of that fact as Todd Solondz.



RESTAURANT REVIEW

Vinny's At Night

Food and Fun, Sicilian Style

By Allison Lewis

76 Broadway, Somerville (617) 628-1921 Subway: Orange Line to Sullivan Square Open Tuesday-Saturday, 4:30-10:30 pm Atmosphere: relaxed Service: excellent Prices: dinner \$15-\$28

ou simply can't go wrong at Vinny's at Night, an Italian restaurant in Somerville. Vinny's is tucked into the back of a mini-mart, which adds to its cozy charm. Fake grapevines and flowers decorate the walls, giving it a garden feel. Besides that, there are tables and chairs, and, on a good night, lots of laughing people filling them.

My date and I were seated promptly and served by a friendly waitress. We began with a basket of bread, some olive oil, and bottled diet Pepsi with a side of sliced lemon.

But the main meal is where the fun began. We had shrimp fra diavolo with linguini and veal parmigiana with home-made maffalda (flat noodles with wavy sides, similar to lasagna). The shrimp fra diavolo was filled with thick, jumbo shrimp and spicy marinara sauce. Each bite was rich and flavorful. My date loved it, but the veal parmigiana won my vote.

The veal, breaded and lightly fried, was as comforting as Southern fried chicken, but better tasting and without the grease. The maffalda noodles were delicate and perfectly complemented the veal. The chef explained the secret to the dish's unbelievable taste — the marinara sauce. It's the first thing he makes each morning, a fresh, perfect blend of all the right stuff.

For dessert, we split the tiramisu. The fork fell easily through the soothing, slightly coffee-flavored layers of cream and chocolate, and came quickly to my mouth. Nothing would have made a better end to this delightful meal.

After dinner, we were taken downstairs to meet the star chef, Vinny. He is everything you'd expect of an Italian chef, an extra from Goodfellas with a firm handshake and a fast smile. He was proud to explain his restaurant to me. It's Sicilian-style food, which means it's good. As you move south from Rome, the food keeps getting better and better, and Sicily is almost in Africa. It's so good, in fact, that people keep coming back. Not bad for this humble chef, who refuses to advertise and relies only on word-of-mouth.

We sat downstairs with Vinny and his friends for a halfhour. They were big, happy Italian men in a relaxed, familial atmosphere much like the restaurant upstairs. They fired joke after joke across the table, almost as if their conversation had been rehearsed. Vinny said, "Next time you come, get the rack of lamb." His secret: place wood chips on top of the charcoal, so the lamb is wood-grilled, giving it a unique, unforgettable flavor.

Vinny's business card is a miniature menu. On the front, it says, "If you don't eat here, we'll both starve." But the threat isn't necessary; anyone who goes to Vinny's will go back again and again.

Solution to Crossword

from page 12

Α	S	S	Α	М		Т	R	1	М		В	Α	R	Т
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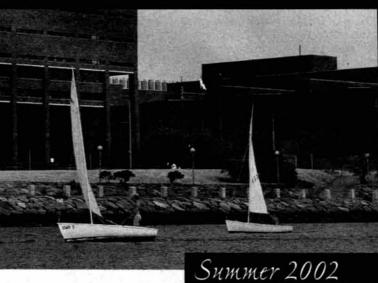
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Introduction to Undergraduate Majors at MIT

As today's Choice of Major Fair gives freshmen a good first look at all the majors MIT has to offer, The Tech hopes to provide a general groundwork from which all freshmen can begin their search, with information on the basic structure of each major. The descriptions were compiled from department information and comments by upperclassmen and faculty. Further information can be found at http://web.mit.edu/acadinfo/choiceofmajor/index.html.

By Dan Cho and Amerson Lin

I - Civil & Environmental Engineering

In this major a student may choose to be in the Bachelor of Science program for Civil Engineering (1-C) or Environmental Engineering Science (1-E). What attracts people to this major is that students not only explore this field in class, they also explore it in the laboratory and on field trips.

with a slightly higher percentage of females in the department. Class sizes are generally small, and the faculty is accommodating towards UROP requests and often these research opportunities turn out to be very fulfilling. If UROPs are insufficient, special programs that are available include TREX, a travel trip during IAP to discover civil engineering away from MIT.

Many Course I majors agree that the most valuable perks they enjoy are the amount of personal attention and the benefits of a well-balanced major.

II - Mechanical Engineering

Mechanical Engineering is one of the largest undergraduate departments, and it is also one of the broadest in scope. Mechanical engineers apply their knowledge to many fields including robotics, manufacturing, energy, micro-electromechanical machines (MEMS), and biomedical engineering.

The Course II curriculum is relatively standardized, with a few upper class electives. Because of this, classes often contain well over 50 students. The famous design class 2.007 features a and positions are heavily weighted towards hands-on work. A growing number of undergrads pursue a biomedical minor.

While there are relatively many job openings for mechanical engineers, a large fraction of undergrads choose to continue on to graduate study

III - Materials Science & Engineering

Materials scientists and engineers develop advanced polymers, ceramics, semiconductors, and more. Their skills are applicable to nearly every manufacturing industry.

Course III is a mid-sized department, with roughly 40 students in all of the required subjects and slightly fewer in the electives. According to students, the curriculum is moderately difficult. One popular subject is 3.082, which has students use

UROPs are not difficult to find in the department. Most UROPs involve lab work, though a few entail computational materials modeling. Many Course III students take the experimental skills they have learned to graduate school.

IV - Architecture

MIT has the oldest architecture school in the U.S. The department's range of activity extends from addressing significant social, ecological, and environmental issues to building in today's market economy, focusing mainly in the areas of computation and energy

Around 15 to 20 undergraduates enroll in Course IV each year with and classes usually consist of only one recitation where instruction is somewhat seminar based.

There are not many UROPs available in Course IV and those that are available often include a large proportion of ground work. However, there are special programs offered during the summer where more advanced architecture students can do internships at architectural firms. Landscape Engineering (4.125) is one example where the difficulty in Course IV comes not from hard material but rather time-consuming studios that require some talent in art.

While architecture is relatively time-consuming, a few undergraduates still double major in architecture and manage ment. Pet peeves include the promise of a low starting salary and the need to take three more years to further obtain a Masters degree before one is sufficiently armed to enter the professional world. On the other hand, Course IV majors find the not-socomputationally intensive environment that focuses more on creativity very refreshing.

V- Chemistry

The department's program of teaching and research spans the breadth of chemistry. General areas covered include biological chemistry, inorganic chemistry, organic chemistry, and physical chemistry. Specialized areas such as biophysical chemistry and organometallic chemistry are also covered.

There are currently nearly 30 faculty members, 130 undergraduate chemistry majors, nearly 250 graduate students, and about 100 post-doctoral associates and visiting fellows in the department. The class size in upper level classes range from 30 to 50 students with slightly more females in this major and plenty of pre-med students.

One can easily find a UROP by searching and personally requesting one from a professor. Some professors might even allow undergrads to undertake their own research projects.

Most chemistry majors agree that the vast amount of lab work required is the drawback.

VI - Electrical Engineering & Computer Science

The Department of Electrical Engineering and Computer Science aims to prepare students with professional skills, develop abilities in the application of necessary mathematical tools, scientific basis, and fundamental knowledge of EECS. Undergrads can choose either electrical engineering (VI-I), electrical engineering and computer science (VI-2) or computer science

Always the largest department at MIT, roughly 45 percent of

the undergraduate population enrolls in EECS. Upper-level class in the size of the male population. Professors conduct recitations while graduate students conduct futorials.

fessor Patrick Winston who teaches 6.024 (Artificial Intellisors hold discussions with the students. gence), one of the most interesting classes in Course VI. There are many UROPs available from famous labs like the Media Lab and the AI Lab. Special programs during IAP such as 6.270 a wide range of very interesting electives to choose from in About 25 undergraduates enroll in the department each year and 6.370 offer students an opportunity to explore their interests fields such as cognitive sciences and neurobiology. Furtherin robotics and programming. On top of that, MIT's EECS more, there are many research opportunities but most of these department also features an MEng program that requires only UROPs are more biology based and less related to psychology.

> load is often merciless, EECS majors find gratification in having ry but more of physiology in the course. the opportunity to work with big names, obtain internships with big companies and definitely find a good job after graduation.

The undergraduate program in biology is designed to provide rigorous training in the basic areas of biology, providing excellent preparation for a wide variety of careers. Biology graduates have gone on to medical school, graduate school,

About two-thirds of biology majors are female and plenty are pre-med students. Interesting electives such as 7.22 (developmental biology) and many UROPs in areas such as biotechnology and genetics. Furthermore, students may be allowed to undertake their own research projects. Biology is not an robot tournament each spring. UROP participation is common extremely competitive major and the main bulk of the course load comes from understanding concepts to be used in knowl-

Course VII majors often complain of a lack of attention from professors and that a bachelor's degree is rather insufficient. Most move on to either medical school or to obtain a Masters degree in bio-engineering. On the other hand, biology takes care of one's pre-med requirements and serves as a great double degree that goes hand in hand with chemistry and the Biomedical Engineering minor (BME).

The emphasis in the undergraduate Physics Department is on understanding the fundamental principles that appear to govern the behavior of the physical world, from phenomena in the their materials knowledge to design objects like skateboards or small-scale domain of subatomic particles to the large-scale structure of the universe.

The general class size of upper-level classes is 20 to 40 students and about 10 to 20 students for electives, and there are more males than females in the department.

UROPs are not easy to obtain but persistence will get you one and you will get to work with some of the biggest names in physics. Special programs include physics colloquiums that hap-

While some Course VIII majors say that their pet peeve is the third year laboratory class some insist that the coolest class they have done so far is also junior lab. As printed on the department t-shirt in summary of what Course VIII majors think of physics, "Physics is the law, the rest is commentary..."

IX - Brain & Cognitive Sciences

The department of Brain and Cognitive Sciences at combines the experimental technologies of neurobiology, neuroscience, and psychology, with the theoretical power that comes from the fields of computational neuroscience and cognitive sci-

sizes range from 30 to 60 students and there is an obvious bias tion to Psychology (9.00) as an introductory HASS-D class, most upper-level class sizes are around 15 to 20 people with a roughly equal number of males and females. The upper-level There are plenty of famous names in Course VI such as Pro- classes are conducted like a seminar where one or more profes-

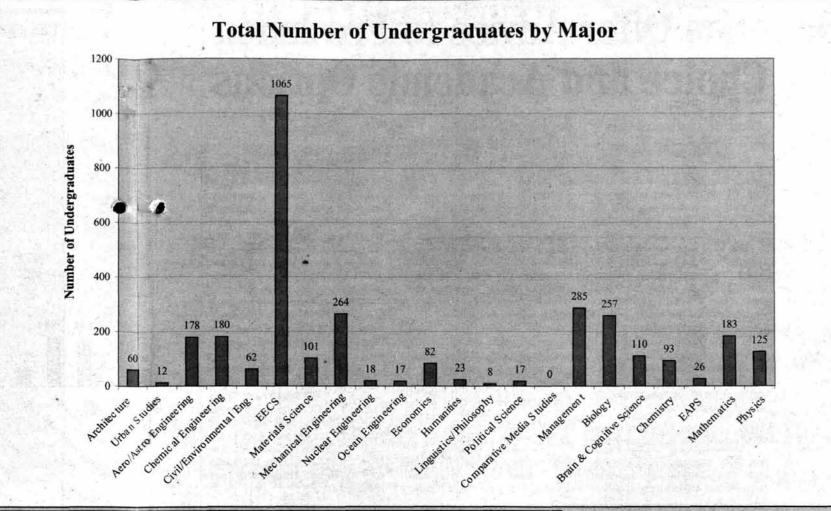
> Course IX majors can get to work with one of the biggest names in neuroscience, Professor Steven Pinker. They also have

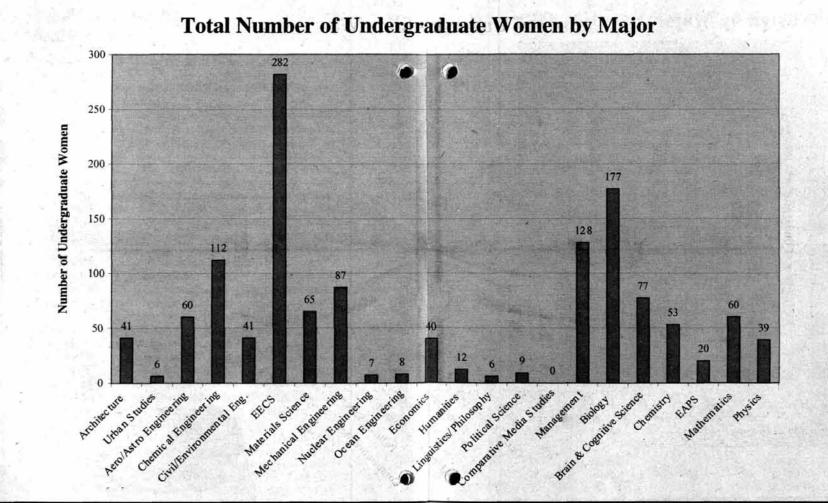
The one dislike some Course IX majors have is that they Being a Course VI major is hard work and while the work- don't get quite enough of psychological and philosophical theo-

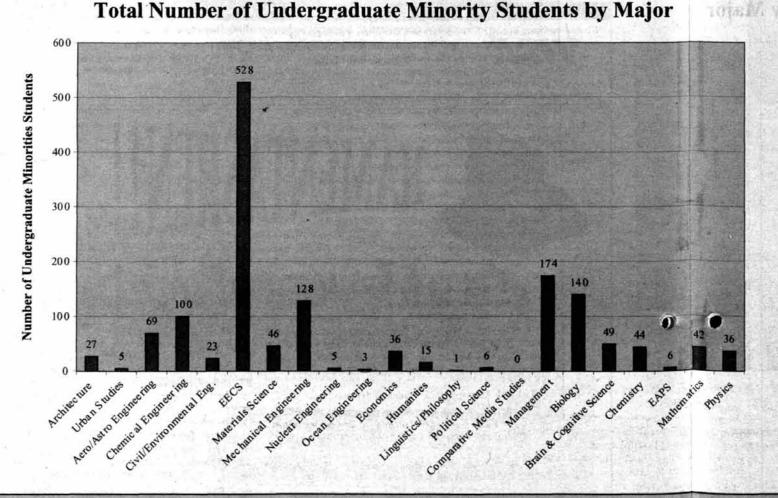
X - Chemical Engineering

Students in Course X apply chemical principles to industrial processes. Industries that hire chemical engineers include biotech, polymers, electronics materials, and many others. Class sizes in this major generally range from 50 to 70 students.

According to students, the curriculum is one of the most rigorous and rigidly structured ones offered at the Institute. It is also, however, one of the most professionally oriented. The senior level subject, Integrated Chemical Engineering (ICE), and other upper level labs not only require students to solve







real-life problems, but also develop their skills in report writing, teamwork, and public speaking.

A fair number — though not a majority — of students participate in UROP. The department also offers a non-accredited 10-C degree option, which has fewer requirements than the general curriculum and allows students to pursue individual interests.

XI - Urban Studies & Planning

When most people hear of Urban Studies, they think of city planning. Yet the 12 undergrads currently enrolled in Course XI use their technical knowledge to solve a range of problems i community development, international economics, and environmental policy, as well as urban design.

As one of the smaller departments, Course XI allows students and faculty to become well acquainted with each other. UROPs are not difficult to arrange and can involve tasks such as interviewing urban residents, data analysis, or participating in the design of a city. The department sponsors an annual IAP trip to a foreign city where they meet local urban planners and interact with the local community leaders.

Class sizes never exceed 20 students, while the smaller electives can contain as few as three. The relatively flexible curriculum along with a moderate unit requirement allow many upperclassmen to take graduate level classes.

Many students prefer Course XI over the other social science departments because of its practical approach to social issues. A bachelor's degree can prepare students for work in such places as federal and local government, the UN, the World Bank, or grad school in a variety of social sciences.

XII - Earth Atmospheric & Planetary Sciences

Course XII students specialize in either earth, atmospheric or planetary science. Graduates often go on to work on geologi cal surveys, at environmental companies, the oil industry, or in

Students appreciate the intimacy that exists among students and faculty in this tiny department. Upper class subjects contain less than 10 students each. While the unit requirements in this

major are not overly high, some degree of planning is necessary because certain electives are not offered every year

UROP participation in Course XII is practically universal. The department also conducts an annual geological field trip to western Massachusetts

Ocean engineering encompasses a wide array of disciplines that relate to the exploration and utilization of the earth's oceans. Research ranges from acoustics to the design of under-

Course XIII students appreciate the advantages of being in a small department, with typical class sizes of five to seven and friendly faculty who are often willing to adjust their schedules to late students. Still, the department does its best to recruit more freshmen through its Discover Ocean Engineering program offered each year during Orientation. Its extensive UROP opportunities often attract undergrads from other depart-

A large number of Course XIII pursue graduate studies. The remainder find jobs with employers who quickly learn of the large set of sound general engineering skills possessed by gradu-

The unique analytical skills of the MIT undergraduate stu dent body allows the faculty to offer a rigorous and comprehensive program unlike that of any other U.S. college or university The Economics Department aims to give students a firm mathematical grounding in microeconomics, macroeconomics, inter-

Around 120 students enroll in Course XIV each year, with an equal number of male and female undergraduates. The average class size is about 20 people and the faculty includes several Nobel Laureates. There are many interesting classes such as game theory and at a department which is ranked first in the US, you can be sure of nothing short of an excellent education.

Research projects are often limited to graduate students. The course material is harder than at most other colleges and while most Course XIV majors say that their pet peeve is the amount of math involved and a lack of writing, at the same time the thing they enjoy most about Course XIV is the amount of math and the lack of writing. Many other undergraduates also minor in economics because the classes can be used to fulfill the

rgraduate curriculum provides students with fundamental analytical skills and insights required to grasp and solve prob-lems in today's technologically intensive business environment.

On average, approximately 75 students choose to enroll in Course XV with equal numbers of females and males. In upperlevel classes, there are about 50 students per lecture and 15 students per recitation, mainly because many choose not to turn up. The classes taught, such as Corporate Finance Theory (15.402), are not always considered to have challenging material, but are extremely applicable and substantial to future careers.

Many people who do Course XV also double in another field such as Course VI or Course VII. Freshmen should note, however, that having been an undergraduate in Sloan does not give any leverage for admission into the graduate Sloan business

XVI - Aeronautics & Astronautics

The department's mission is to prepare engineers for success and leadership in the conception, design, implementation, and operation of aerospace and related complex high-performance There is a slightly larger number of males in this major and

the normal class size is 30. Students often consider professors to be very dynamic and encourage students to explore through a lot of hands-on work. And this is where classes like 16.621 and 16.622 comes into play, where undergraduates have to come up with their own project, design it and then construct it

out of basic materials. In addition to that, UROPs are normally

Course XVI requires a total of 198 units, the most of all majors, and has an extremely heavy course load with relatively challenging material. One of the toughest classes at MIT is Unified Engineering, a required class where students integrate multiple engineering fields into aeronautical engineering. Many Course XVI majors often complain about the intensity of the course but admit that they value the industrial experience that they are receiving

XVII - Political Science

Political science attracts those students who enjoy thinking about how people and governments interact, and want to explain social problems and devise solutions to them. Course XVII majors study such topics as international relations, national security, political philosophy, and domestic policy.

Course XVII is a relatively small department, with typical class sizes of 15 to 25. The curriculum is generally flexible, with a few core courses taken by all undergrads. Many students participate in UROP.

Course XVII students are also regular participants in the MIT Washington Summer Internship Program, where they apply their technical training to public policy issues. Graduates of the department can go on to law school, graduate school, or the work force.

XVIII - Mathematics

The Mathematics Department offers a very diverse program with subjects ranging from such fields as fluid mechanics, mathematical physics, combinatorics, computer science, and statistics, to such basic areas of mathematics as analysis, modern algebra, logic and geometry/topology.

The typical class size is 25 people with about 20 percent females. Many upper-level classes have just lectures and no recitations and hence very few class hours. Classes focus a lot on logical reasoning and exhaustive thinking and will no doubt give you strong thinking. UROPs in pure mathematics are limited but one may find more choices in applied math. There is a special summer program which is equivalent to a UROP over mmer held here at MIT.

Mathematics is not very demanding in terms of required classes and there are many unrestricted electives. Many students double in Course XVIII and Course VIII or Course VI as the

Certainly one of the less popular majors at MIT, Humanities also happens to be the most diverse. It is further divided into hropology, literature, history, foreign languages, music and theatre art, and humanistic studies.

The professor to student ratio is extremely high and classes are taught like a seminar where mainly discussions take place. Class size is about 10 to 12 people per recitation. There are not many UROPs available in this department, but there are special programs such as writing internships that one can apply for. As expected, the main bulk of the course load comes from the need to read and write many papers but it gives a good balance to an education from MIT which is why Course XXI is somewhat designed to complement an engineering or science field.

The easily accessible professors will often make time for personal discussion and advice.

XXII - Nuclear Engineering

These days, nuclear engineers don't just work in power plants. Course XXII graduates can also conduct research in plasma physics, develop medical applications for radiation, or help formulate government policy

The department's small undergraduate population enjoys close interaction with the faculty. This makes it easy for Course XXII students to participate in UROP. Some students also work as staff of the MIT nuclear reactor for experience.

Course XXII classes typically contain less than 10 students, although students often take classes from other departments to fulfill degree requirements. In one nuclear systems design class, 22.033, MIT students often win prizes in American Nuclear Society student competitions.

XXIV - Linguistics and Philosophy

MIT's philosophy department is ranked top ten in the U.S. and it is designed to provide familiarity with the history and current status of the main problems in epistemology, metaphysics, and ethics; mastery of some of the technical skills requi advanced work in philosophy; facility at independent philosophical study; and work at an advanced level in an allied field.

MIT Sloan, in the same league as Harvard Business School in Philosophy), the philosophy department would find itself professors in the department, all of whom interact with the other anities departments here at MIT.

Most MIT students interested in philosophy minor rather

Comparative Media Studies

Incorporating sources ranging from the Iliad to recent video games, Comparative Media Studies prefers to call itself Applied Humanism," where the comprehension and undertanding of media is put into real world practicality. Many classes deal with film, digital media, and other unique forms of communication. Ouite often classes include speakers from industry and media outlets as guests or lecturers.

Presently, 10 courses are required for a major, but requirements are being changed in order for the department to stand alone as an interdisciplinary major. However, most students tend to minor in CMS. The department is small with an acclaimed and frequently published faculty who are affiliated with other departments around campus. Higher level classes tend to be very small and discussion intensive.

The department has around 15 UROPs, which is large for a humanities discipline. Many UROPs are part of the Microsoft 1campus project and involve hands on work in production and nent. During IAP, the department hosts an amazingly successful workshop on video game design with designers from Sony Entertainment in which teams present video game projects to the leaders at the end of the seminar.

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Upperclassmen Offer Advice to Freshmen On Major Choice and Academic Options

Major Choice, from Page 1

wanted to do "anything but engineering and the sedentary punching keyboard business" and that Course IX offered her an ample chance to interact with people around her. "I wasn't worried about my resume," she said.

"Applied math comes close to my interests," said Timothy R. Kreider '04, a major in the Department of Mathematics (Course XVIII). "It helps me keep in touch with fields as disparate as physics and econom-

When trying to decide on a major, a process of elimination could come handy sometimes. "I know what I don't want to do. That makes things easy," Tam said.

Upperclassmen offer advice

A few classes over the fall and Independent Activities Period have given freshmen exposure to some of the departments, but others remain somewhat unknown to freshmen. To remedy this, "talk with upperclassmen ... and know more about possible options. Use 'these lifelines,'" said Daniel R. Ramage '04.

"Ask people about UROPs, size of classes, faculty-student interaction. These things matter," Laszlo said. "If you aren't comfortable with the stuff you learned in a class last term, probably that's not something you would like to choose."

The herd factor propels many freshmen to go for majors with which they might not feel comfortable. "I took up something which came closer to what I wanted, thus deviating from the beaten path of Course VI," Kreider said.

Students should remember to not over-analyze the situation. "All departments are real nice to be in," Laszlo said. "Work will not be miserable. If I work on long weekends, that's because this is MIT."

Choice of major not final

Choosing a major is not a million dollar question. The decision is important, but students can take some solace in knowing it is not binding. Many MIT students change their majors after declaring.

"Course XVIII suited me better," said Alice S. Chau '04, who changed over this IAP from Materials Science and Engineering (Course III). "It gave me more time to attend my pre-med classes."

However, consistently changing majors adds an extra degree of difficulty. "There are a lot of units to be credited for the SB requirement. The earlier you settle with a decision, the better," Ramage said. "This however doesn't mean you must make a hasty decision."

Some students even change majors fairly late into their undergraduate program. "I have just five more classes to complete for my Course XVI requirement," said Maria E. Stiteler '03. Stiteler said that she felt the unified requirements of sophomore year in the Department of Aeronautics and Astronautics (Course XVI) restricted her options of a minor. She changed to Electrical Engineering and Computer Science

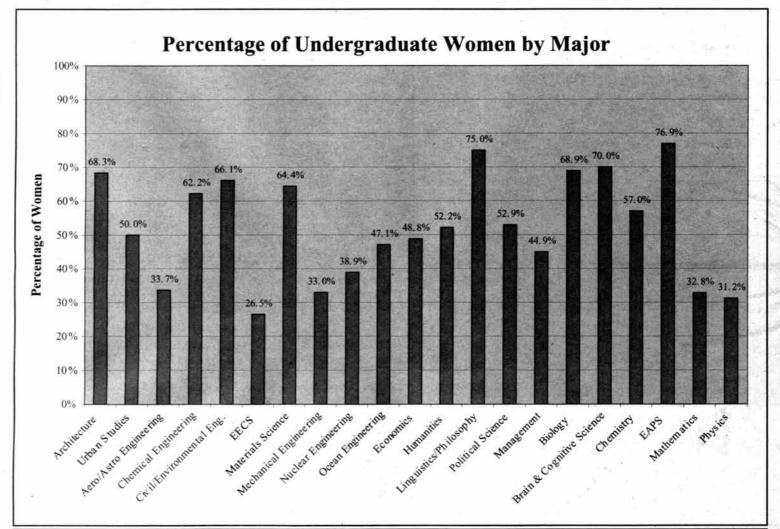
(Course VI) later because she "started liking it more."

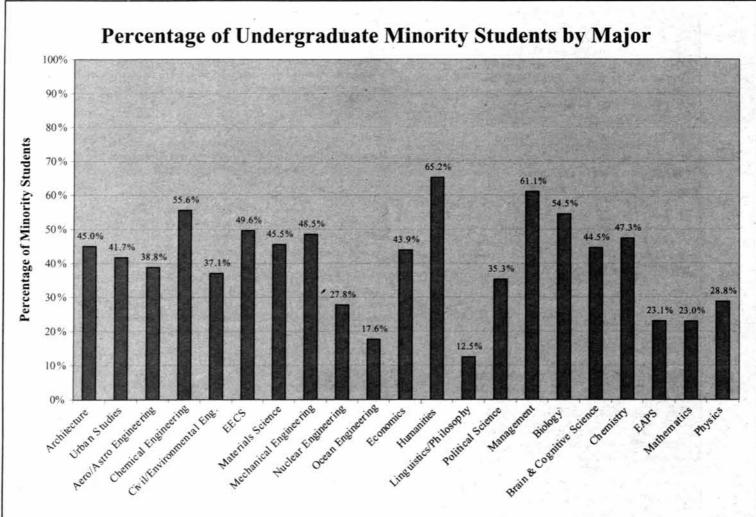
MIT offers multiple options

Students often do not need to decide on just one major — many double major, and until recently, some did even more. "If you have time and energy, these are nice things to do," said Abhinav Kumar '02, a triple major in Course VI, physics (Course VIII) and Course XVIII. Until last year, MIT allowed triple majors.

A less stringent minor option is also available. This gives the engineers avenues to explore other interests or some field supplementing their major.

"Violin offers the much needed respite from days of continuous coding," said Robert Zhang '02, a Course VI major. Zhang said that he enjoyed the personal attention he received from the professors in the music department. "Course VI is so large. I was lost initially, but thanks to TAs there, however, things remained afloat."





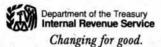
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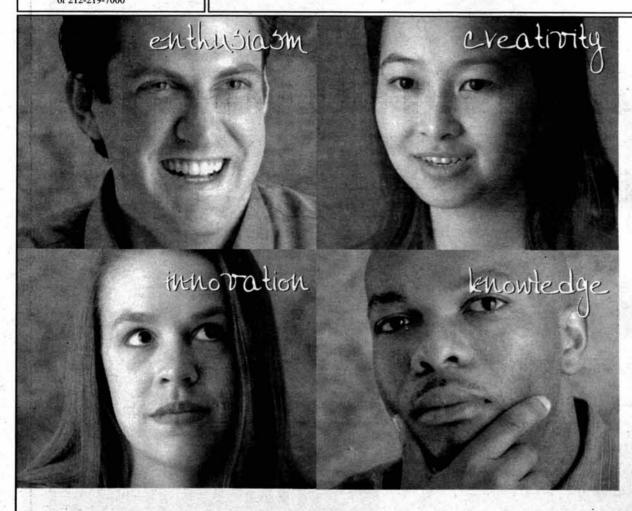
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MATIONAL CRIME

Berensons to Appeal For Pardon in Peru

Berenson, from Page 1

failed plot to seize the Peruvian Congress. With the dismissal of Berenson's appeal, she has now exhausted all options for appeal within Peru's justice system.

Berenson's parents said in a statement that they were "not surprised at the decision by the Peruvian Supreme Court and are prepared to continue [their] efforts to bring Lori home."

Her parents said they will "call upon President George W. Bush to right this wrong, to use his power under U.S.C. 22, Section 1732 and come to the rescue of a U.S. citizen who has been wrongfully held in a foreign country." In addition, they plan to appeal to the Inter-American Commission on Human Rights of the Organization of American States to call for Lori's release, as well as appealing directly to Toledo.

Mark Berenson said he hoped that "now that Lori's case is finally over in Peru, all three things will happen."

Berenson and other prisoners at Huacariz Prison in Cajamarca are taking part in a nationwide hunger strike that began in Lima on Feb. 11, according to the Committee to Free Lori Berenson. The hunger strike is part of a protest against Peru's anti-terrorism laws, under which Berenson was convicted.

Original verdict overturned

On Nov. 30, 1995, Berenson, along with some 20 members of the Tupac Amaru Revolutionary Movement, was arrested after an all-night shootout with law enforcement authorities. She was charged with "aggravated treason against the Fatherland."

Following a speedy trial by a hooded military tribunal, she was sentenced to a life term in Yanamayo Prison, situated high in the cold Andean plateau. In October 1998, she was transferred to Socabaya Women's Prison in Arequipa for medical tests.

On Aug. 28, 2000, the military court system of Peru annulled Berenson's life sentence and turned the matter over to the civilian courts. She was sentenced to 20 years in prison, including time already served.

Berenson, now 32, withdrew from the Institute in 1988 during her sophomore year.



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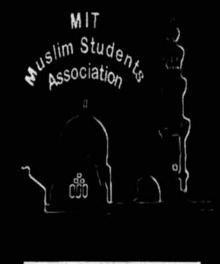
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Featuring Dr. Mohammad Lazzouni

Dr. Lazzouni is a recognized speaker and teacher of Islam. His concise focus and eloquent style made him a favorite at the interfaith Ramadan@MIT program at MIT in November. He is the Director of Interfaith Relations for the Islamic Society of Greater Worcester in Worcester, MA, and has spoken at churches and synagoques across New England. He has a Ph.D. in Physics from Oxford University, England, where he was also an associate professor in Electrical Engineering. He is currently the Chief Operating Officer for Nexaweb Technologies in Cambridge, MA.

Contact: msa-ec@mit.edu

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Tuesday, February 19 Wednesday, February 20 Thursday, February 21

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Coop Student Board Election Update

The following student Coop members have been nominated by the Stockholders as candidates for the Board of Directors for the 2002-03 academic year.

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Michael Leison (Graduate) Pius Uzamere (Undergraduate) Paul Konasewich (Graduate)

HARVARD UNDERGRADUATE STUDENTS:

Oliver Bell

Josh Cal

Trina Dutta Andreea Stefanescu

HARVARD GRADUATE STUDENTS:

Yael Hadass GSAS Rodrigo Ravilet HBS Heidi Brooks HBS Roger Huffstetler CSAS

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For Information call or email: Allan Powell, 499-2025, aepowell@thecoop.com

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MIT Page 1 Page 2 Page

Kendall Hotel

The Kendall Hotel, across the street from the MIT Coop, will open on February 22. For information and reservations, call (617) 354-3600. NStar Transmission Line project

Work continues on construction of a 115 kv transmission line along Memorial Drive from Pleasant Street (near Howard Johnson's) to the Longfellow Bridge. This work will conclude at the end of March. Lane restrictions may cause traffic delays.

Memorial Drive Traffic Signals

The Traffic Lights at Wadsworth and Endicott Streets are fully installed. Power to the lights should be connected and the signals activated shortly. Landscape work will begin in the spring.

Simmons Hall

Installation of waterproofing, insulation, and windows is in progress. Permanent roofing has been partially installed. Excavation of the west end of Vassar St. for utility installation continues. This may affect traffic flow.

W31 Roof Repair

The rebuilding of the battlement is now complete for the winter. The next phase of the project will begin in late March. This last phase will consist of installing new roofing on W31 and will be complete in the spring.

Vassar St. Utilities

The crosswalk at Vassar St. from Building 38 to 44 is blocked due to drain work. A new walk has been constructed according to ADA requirements, crossing from Building 36 to 45. Pedestrians should use this new walk and not cross through the construction zone.

For information on MIT's building program, see http://web.mit.edu/evolving This information provided by the MIT Department of Facilities.

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Many NAE Members **MIT Faculty, Alums**

NAE, from Page 1

induction. "One kind of always hopes that one's work will be recognized," Keck said. "I was very pleased."

Twelve other alums elected

In addition to those with current ties to MIT, twelve alumni were elected to the NAE. Alumni included Rakesh Agrawal ScD '60, Frank S. Bates SM '79, Chung "Morris" Chang '52, Ross B. Corotis '67, Henry Cox ScD '63, Robert E. Dickinson SM '62, Robert E. Fontana, Jr. '71, Cherry A. Murray '73, Neil E. Paton PhD '69, Stephen M. Pollock SM '60, MurThompson '77.

Academy honors top engineers

Membership in the NAE is an honor awarded to those who have made "important contributions to engineering theory and practice" and those who have demonstrated unusual accomplishment in the pioneering of new and developing fields of technology," according to the NAE Web site.

NAE membership now totals 1,857 active members and 250 members emeriti in the U.S., in addition to 158 international members. New members are elected by current NAE members each year.

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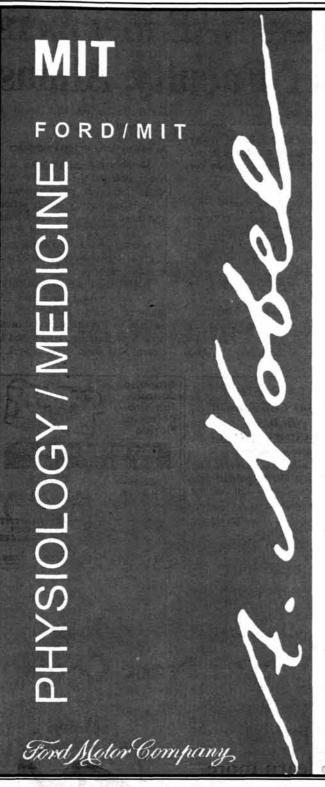
Maple Smoked Pork Chop with caramelized apples \$15.00

Trio of Mixed Grill (Lobster, Petite Filet and Catch of the Day) \$27.00

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Student Leaders Question Fee

Tuition, from Page 1

ernment, I would have loved to be involved in this decision." Saenz Otero said that he hopes student governments will have a large say in the fee's allocations. "I know that this is a very high fee compared to other schools. As long as there's a student voice in this, it's a worthy cause."

Undergraduate Association President Jaime E. Devereaux '02 said that she had heard the idea of such a fee before, but did not expect it to be implemented.

"I went to an Academic Council meeting within the past month, and they talked about additional fees," Devereaux said. "I spoke out against it, and so did the [Graduate Student Council]. I was not under the impression that they would do it."

Devereaux worried that the use

of a separate fee will set a dangerous precedent for the Institute. "What this enables MIT to do in the future is to introduce other costs associated with going to school here," Devereaux said. "They can grow that cost at a higher rate than they want tuition to appear to grow. The sprinkling out of fees kind of

hides the true cost of education."

Devereaux also disapproved of the use of student fees for administration of the Zesiger Center. "As far as I know, the fee is more in support of operating expenses for the Zesiger Center," she said. Devereaux said that students would probably not be required to pay such a fee if MIT's endowment had grown sufficiently to cover operating expenses, she said. "It was not grown enough, so now it's partially coming out of students' pockets."

MIT administrators could not be

reached for comment.

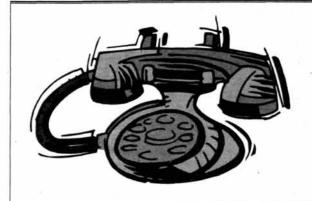
Students expected increase

Several students said that they were somewhat upset by the increase, but that they were not taken by surprise.

"I guess the cost of stuff keeps going up," said Eugene C. Glover '02. "They make all this money on research, but they keep charging us, the students. I can't say I'm surprised, though."

"If you look at the whole scale, it doesn't make much of a difference," said Grace A. Chou '05. "If MIT increases its tuition by \$1200, people are still going to apply here."

Tuition pays approximately half the cost of a student's education, according to MIT. The rest of the cost is paid by alumni gifts and investment returns from MIT's estimated \$6 billion endowment.

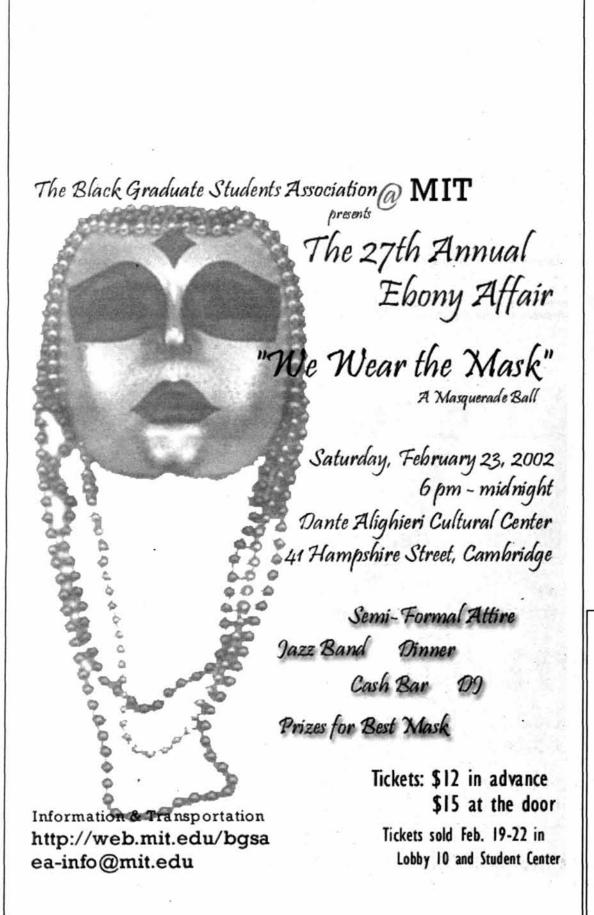


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Men's Hoops Earns Win Despite Injuries

By Richard Weber

The Men's Basketball Team finally got back on track this past Tuesday with a clutch 78-73 victory



at Wheaton College. The win keeps MIT in the hunt for hosting a first round NEWMAC playoff game.

Boris I. Paskalev '03 set the tone early with a strong rejection of a Wheaton shot, but Wheaton was able to hang with the hot shooting Engineers and cut the lead to one with two minutes left in the half.

Things started to look bleak when last week's NEWMAC player of the week Kyle A. Doherty '04 went down with a sprained ankle. However, strong forward play by Brian D. Hoying '03 and Sebastian B. Heersink '03 allowed the Engineers to take a 10 point half time lead. After the game, team captain Alexander W. Phillips '03 said, "It is great when players can come in and step up,

Injuries hurt MIT in second half

The Engineers took another huge loss when freshman sensation Adam J. Gibbons '05 went out of the game with leg cramps. Wheaton had the Engineers firmly grasped in their claws and were going for the kill, but sophomore Andrew E. Tsai '03 was not going to let the Beavers' die quietly. Tsai drained two threes and skied for an important rebound. He then stole the ball and raced down court for tough twisting layup with a Wheaton player draped on his back. This sequence put the Engineers up again by ten and took the roar out of Wheaton's fight. After draining a third three-pointer, Tsai subbed out for Stuart S. Laval '03.

MIT needs help for home game

The Engineers now need a victory over 8.5 point underdog WPI, and wins by heavily-favored Babson College and Springfield College over Wheaton to secure the home playoff game.



Mark N. Jeunnette '02 takes the baton from Alan R. Raphael '02 in the 4x800m relay in Saturday's New England Division III Championships at Bates College. With the meet on the line, the relay team responded to the pressure and won the race in 7:55.64 to tie Williams College for first place overall. The tie, a rare occurrence, was a somewhat disappointing result for the men's track and field team, which had been favored to win by a small margin.

IIT Men's Fencing Finishes Up Strong Season

Story, from Page 24

Such a balanced performance came as no surprise to a team where each squad had identical 56 percent winning percentages against NCAA schools, but combined for an outstanding 17-5 (12-5 NCAA)

Epee squad builds to strong finish

After a sluggish 4-5 start against Duke, the men's epee

squad built up steam, winning 5-4 against Johns Hopkins, 7-2 against UNC, who had defeated them 4-5 the previous weekend, and 8-1 against Brandeis. By dominating the Brandeis squad, the epeeists helped seal the final team victory against a NCAA rival New England school. MIT remained undefeated against Harvard University, Brown University, Brandeis and Boston College, marking the first time in over 5 years that MIT has

won all 7 meetings in a single sea-

Mixed results at invitational

At the MIT/Brandeis Invitational on Feb. 3, the entire team displayed their post-season potential as MIT went head-to-head with New York University, the University of Pennsylvania, UNC, Yeshiva University, and Penn State. Although the team lost to NYU, Pennsylvania and Penn State, many individuals performed well. The sabre squad posted a 7-2 victory against Pennsylvania, behind Bras' 3-0 sweep and the 2-1 efforts by Jason M. Levine '03 and Anthony P. Reinen '03. Levine (10-5 on the day) and Reinen, who the previous week defeated the fourth ranked sabre fencer in the country, both had solid outings.

Foilist Douglas J Quattrochi '04 fenced well, sweeping Yeshiva. Epeeists Curtis Wade III '02 and Matthew R. Levy '04 each took two of the squad's three victories against NYU and Pennsylvania, respectively. Against Penn State's best-in-the-nation epee squad, Devaraj, Korb, and Wade each tallied one victory, including Wade's defeat of last year's fifth place finisher, and Korb's 5-1 trouncing of the silver medallist.

Not only did the Engineers post

their best finish in several seasons, they did so while adding two of the top teams in the nation to their schedule. Defeats at the hands of Pennsylvania State University and the Pennsylvania earlier in the season were offset by MIT's four-victory season against Boston College and the University of North Carolina, who accounted for three of the team's five losses last year.

Championships begin Saturday

This weekend, the team will turn its attention to the New England Conference Championships, where they hope to reclaim the title they've held for two of the past three seasons. The Championship also has an individual component. Bras, Chadwick, who finished first two years ago and third last year, William F. MacFarlane '05, gold medal winner at the season-opening "Big One" tournament, and Devaraj, who finished third last year and is 19-2 against New England fencers this season, will each look to bring home gold medals.

The tournament should be an official confirmation of MIT's status as the most dominant school in the conference. The following weekend the team will attempt to upset New York-area powerhouses at the Intercollegiate Fencing Association Championships.

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Squad trophy at the Duke Invitational on Feb. 8. From left to right, Samuel N. Korb '05, Neal K. Devaraj '02, Head Coach Jarek Koniusz, Curtis Wade III '02, Matthew R. Levy '04.

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SPORTS

Figure Skating Team Takes Medals at Competition

By Diana Cheng

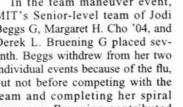
One hundred thirty skaters from 16 colleges competed at the seventh annual MIT intercollegiate figure

skating competition on Saturday, Feb. 16 Johnson Rink. MIT's figure skating team earned five individual medals and

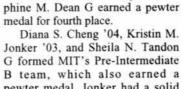
two team medals

In the team maneuver event. MIT's Senior-level team of Jodi Beggs G, Margaret H. Cho '04, and Derek L. Bruening G placed seventh. Beggs withdrew from her two individual events because of the flu, but not before competing with the team and completing her spiral sequence. Bruening contributed very steady spins.

The Pre-Intermediate C team of



Barbara M. Cutler G, and Caitlin Q.



Marlow '03, and team captain Del-

pewter medal. Jonker had a solid camel-sit spin, and Tandon performed the step sequence she created earlier in the week.

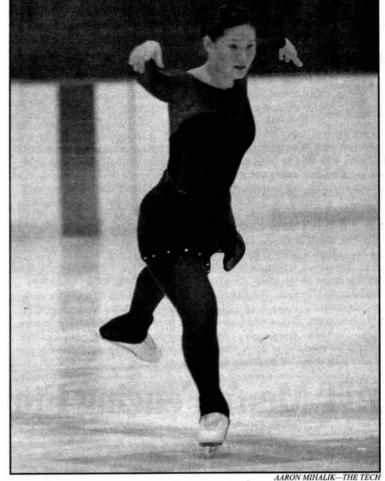
Cho earns bronze in Free Skate

Five members of the MIT team competed in the Free Skate. Cho competed in the Senior Ladies event, earning a bronze medal. Cheng skated to "Concerning Hobbits" from the "Lord of the Rings" movie soundtrack for her Pre-Intermediate B Ladies program, placing seventh. Bruening earned a bronze medal in the novice men's competition with his program to the music of "Speed." Cutler completed her program with jazz music and placed fifth out of 12 in the Pre-Intermediate C Ladies event.

MIT places in compulsory event

In the Individual Compulsory Moves event, Marlow and Jonker each competed in the Pre-Intermediate B level and placed third and fourth, respectively, out of 12 competitors. Elements required for the Pre-Intermediate B level include two single jumps, a jump combination with the second jump being a loop, a sit or camel spin, a camel-sit combination spin, and a step sequence.

In the Intermediate Dance category, Cutler earned a silver medal. Tandon and Cheng, who have the



Margaret H. Cho '04 skated in the Senior-level Ladies Free Skate at the competition hosted by MIT on Saturday. Cho earned a bronze medal in the event.

same ice dancing coach, placed eighth and 14th in the Pre-Intermediate A Solo Dance competition, where they ice danced to the Rhythm Blues set pattern.

Next week the figure skating team will be competing at Walter Brown Arena at the intercollegiate competition hosted by Boston Uni-

Women's Track Eighth at Championship Meet

Diana Cheng '04 skated to music from the film The Lord of the

Ring's Saturday at Johnson rink. She placed seventh in the Pre-Inter-

By Adeline Kuo

This past Saturday, the MIT Women's Indoor Track team took eighth place in the New England

Division III Championships at the University of Southern Maine. Seeded to take 10th place with 23.5 points,

the MIT women performed significantly better to earn an additional 10.5 points. Moreover, many records were broken as a result of this meet.

Getting MIT off to a head start were the veteran 20lb weight throwers, Princess Imoukhuede '02 and Asa-Awuku '03. Imoukhuede showed the nation that she is a force to be reckoned with as she dominated the event with a victorious NCAA automatic qualifying throw of 53'9.75'

Asa-Awuku showed herself to be a rising star in the event as she finished in sixth place, set a new personal record of 47'8", which betters her previous NCAA provisional qualifying mark. Later in the shot put, Imoukhuede exemplified her consistency in the event as she put out yet another NCAA provisional qualifying mark of 41'2.25", which was good enough for sixth place. Imoukhuede was MIT's top scorer of the day, as she earned 13 of MIT's 34 points.

Gupta close to NCAA mark

On the other end of the field

was rookie superstar jumper Nalini Gupta '05. After two decent attempts in the triple jump trials, Gupta, determined to make finals, broke out an eventual fifth place finishing jump of 36'2.75". This jump bettered her personal record, rookie record, and varsity record in the event and is less than four inches off the NCAA provisional qualifying mark. Returning in the long jump, Gupta was able to get her foot on the board and fly to an eighth place finish with a leap of 16'3.75"

Over in the other corner of the infield were the pole vaulters. Sick and injured, Vanessa Li '02 and Catherine A. Tweedie '04 had some difficulties in the event. Nevertheless, they both cleared another NCAA provisional qualifying height of 10'4", with Li finishing tied for fourth and Tweedie tied

Rounding out the field events, Emily Schwartz '05, having suffered from injuries all season, managed to jump a season best height of

Buckley nears MIT record

On the track, the star of the day was Martha W. Buckley '04. In the 3000m, Buckley took off with the top seeds and kept pace with them for the entire race. Buckley made a huge breakthrough with her third place finish, as she shattered her personal record by over 15 seconds to finish in 10:28.05, just missing the varsity record by 1.29 seconds.

Joining Buckley for the meet's finale of the 4x800m relay were Meredith Silberstein '05, Patricia M. McAndrew '03, and Jennifer A. Gaugler '05. Silberstein ran the first leg, sprinting off at the gun to take an early lead. Silberstein then passed off to Buckley, who determined to take over the lead, bolted with a 33 second first lap, making up ground with each lap to eventually pass off to Gaugler in the lead.

Running a personal record split, Gaugler then passed the baton off to anchor leg McAndrew. McAndrew ran a steady race and also ran a personal record split, as she crossed the finish line in a season best time of 10:28.14.

This coming Friday and Saturday, the MIT women will head to Tufts University to compete at the All New England championships, hopefully qualifying more athletes for the NCAA championships.

Men's Epee Top Squad At Duke

By Curtis Wade III TEAM MEMBER

The men's fencing team capped their season with an impressive showing at the Duke Invitational

on Feb. 8, led by the epee squad's trophywinning performance.

The Engineers defeated Johns Hop-University, kins Brandeis University, the Universi-

ty of North Carolina, and the team came just one bout shy of beating Duke University, losing 13-14. Although Duke's foil and sabre squads won the remaining squad trophies, MIT's foil and sabre were close seconds.

Four different fencers went 9-3 on the day - epecists Neal K. Devaraj '02 and Samuel N. Korb '05, sabrist Rafael E. Bras '02, and foilist Oliver J. Chadwick '02.

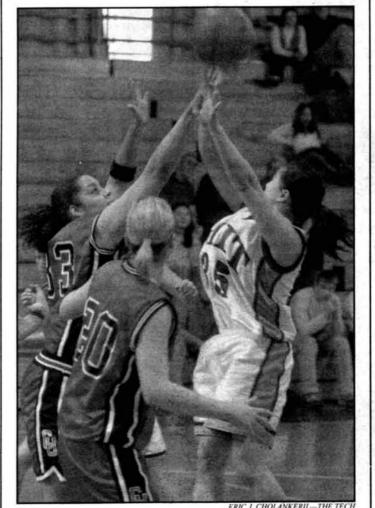
Men's Fencing, Page 23

MIT Olympic Update

MIT Women's Ice Hockey coach Katia Pashkevitch scored a second period power play goal to help Russia top China 4-1 in Olympic play last night.

Pashkevitch added an assist in the third period on another power play goal, to lead the team with two points for the game. She also had four shots on goal. Russian goalie Irina Gashennikova stopped 30 shots. Russia scored four consecutive goals to erase China's 1-0 first period lead.

Russia will play for fifth lace today, while China can finish no higher than seventh.



Amy W. Mok '02 battles it out for control of the ball in last Saturday's game against Clark University. MIT lost to Clark 90-25, after trailing by a devastating 50-2 at the half.

UPCOMING HOME EVENTS

Tuesday, February 19

Women's Gymnastics vs. UMass and University of Alaska, 7:00 p.m.

Men's Basketball vs. Wheaton College, 7:00 p.m.



Wednesday, February 20

Men's Ice Hockey vs. Bridgewater/Bates, 7:00 p.m.