

Connecticut Upsets Duke 77-74

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Clear, windy, 61°F (16°C)
Tonight: Mostly clear, 39°F (4°C)
Tomorrow: Pleasant, 65°F (18°C)
Details, Page 2

Volume 119, Number 15

Cambridge, Massachusetts 02139

Tuesday, March 30, 1999

Chinese Premier Will Give Address at MIT

By Frank Dabek
NEWS EDITOR

Officials at the Chinese Embassy and in the MIT administration have confirmed that the Premier of the People's Republic of China, Zhu Rongji, will make a speaking appearance at MIT next month.

Kathryn A. Willmore, vice president and secretary of the corporation, said that the premier will speak on April 14 in Kresge Auditorium "on a topic relating to science, technology and education in a global society." She called the appearance a "major event for MIT" and said that it is being classified as a "major address" by the Chinese government.

President Charles M. Vest said, "I am very pleased that Premier Zhu Rongji will visit MIT and share his thoughts about science, technology and education." Vest contacted Zhu to invite him to speak at MIT in September following a 1995 meeting in Beijing.

Zhu, who will be visiting Washington next week, chose to appear at MIT because, according to Willmore, he "sees MIT playing a major role in the world" and because of connections between the Sloan School of Management and the Tsinghua University. Zhu is the

dean of the school of management at Tsinghua which, along with Fudan University, operates several joint ventures with Sloan.

Vest said that MIT is an appropriate venue for a presentation by a world leader such as Zhu. "As a leading university, MIT has the opportunity and obligation to foster discussion of important issues about today's global society," he said.

He added that MIT has several connections to China including the MIT-CETI program which works to network Chinese schools and a major environmental study of coal combustion throughout that nation.

Zhu's visit to the United States is aimed, in part, at helping China achieve its long-sought goal of joining the World Trade

Premier, Page 18



Miodrag Cirkovic—THE TECH

This Saturday, on Boston's Copley Square, hundreds of protestors demanded a halt to NATO bombing of Yugoslavia and a return to negotiations. A peace vigil was held for the civilian casualties of NATO bombings.

MIT Concedes Bias against Female Faculty

By Kevin R. Lang
ASSOCIATE NEWS EDITOR

In a move that has gained widespread attention in the national media, MIT's administration acknowledged gender discrimination against its tenured female pro-

fessors. The acknowledgement follows the release of a study conducted by a committee composed of tenured women faculty and male colleagues which documented gender bias at the Institute.

Professor of Brain and Cognitive

Science Mary C. Potter, who chaired the committee between 1997 and 1999, said in response to the media attention the report has garnered that "it's a little odd that people should be surprised that an administration would be honest."

However, Potter also noted that the academic community has not "seen administrations admitting that there was a problem before."

Professor of Biology Nancy H. Hopkins, who chaired the committee from 1995 to 1997, was encouraged by the administration's acceptance of the study. "I think it's spectacular," Hopkins said. "It's a turning point in this whole long history of equity for women. It's been stonewalled endlessly, and understandably in some ways."

Chair of the Faculty Lotte Bailyn said in her comments on the report that gender discrimination at MIT "is subtle but pervasive, and stems largely from unconscious ways of thinking that have been socialized into all of us."

The sum of years of minor slights and oversights produced what Hopkins called a "plateau" for progress in the respective science departments. "Part of the problem was that no one had foreseen that there was such a stopping point," Hopkins said.

Hopkins said she hopes that acknowledgement would be a powerful step to improving the situation for female faculty. "It took us so long to understand this. We're just a handful of faculty in a very large place," Hopkins said.

Discrimination is subtle

Potter also said that "the problem we've identified is a subtle one. If you stop being conscious of it, it's going to continue."

The study found that women fac-

Bias, Page 17



GABOR CSANYI—THE TECH

Senator Daniel P. Moynihan (D-NY) considers the ethics of secrecy and confidentiality in science at a conference in Kresge Auditorium Monday.

Conference Addresses Secrecy in Science

By Anna K. Benefiel and Karen E. Robinson

STAFF REPORTERS

Where is the line between open exchange of scientific knowledge and technological confidentiality? The conference on "Secrecy in Science," organized by the American Association for the Advancement of Science and hosted by MIT, sought to answer this and related questions yesterday in Kresge Auditorium.

The conference attracted noted speakers such as Senator Daniel P. Moynihan (D-NY), Institute Professor and former Director of Central Intelligence John M. Deutch PhD '61. AAAS Program Associate Amy C. Compton said the conference was meant to serve as "a public forum in which a larger discussion on secrecy in science" could be held.

Addressing an audience of approximately 200, Moynihan spoke about the nature of secrecy and its ramifications in a society where increasingly, the interaction between government, industry, and academic institutions discourages openness.

He quoted the economist Joseph Stiglitz in saying that people have "a basic right to know... what the government is doing and why," and "secrecy is corrosive: it is antithetical to democratic values, and it undermines democratic processes." Also discussing the changing role of secrecy in the post-Cold War Era, Moynihan stressed the need to recognize the systemic nature of secrecy in American culture.

Deutch talks about research

Deutch followed with remarks about the issues facing universi-

Conference, Page 23

This year's Spring Concert witnesses first-day record sales.



Page 8

Comics

Page 14

Faculty hear reports on discipline and intermediate grades.

Page 9

World & Nation	2
Opinion	4
Features	6
Crossword Puzzle	16
Police Log	21
Sports	24

WORLD & NATION

Mexican Banks To Plead Guilty in Money-Laundering Case

LOS ANGELES TIMES

With their trial just days away, two of Mexico's biggest banks have agreed to plead guilty to laundering millions of dollars for the Cali and Juarez drug cartels, sources close to the case said Monday.

Bancomer will pay \$9.9 million in fines while Banca Serfin will pay \$4.7 million as part of their separate deals with federal prosecutors in Los Angeles.

In a related development, the government has agreed to drop all criminal charges against a third Mexican financial institution, Banca Confia, in a civil settlement of the money laundering case.

Confia, which sold most of its assets to Citibank after it was indicted, has agreed not to fight the U.S. government's earlier seizure of \$12.1 million from its U.S. holdings.

All three banks were indicted last May with more than 100 people, mostly Mexicans, in Operation Casablanca, the Customs Service's 2-year probe of international drug money laundering.

When it became public, the probe set off a diplomatic firestorm as Mexican officials complained of being kept in the dark about the cross-border operation. Customs agents said they deliberately withheld information because they feared a leak by corrupt Mexican law officers.

Supreme Court Declines to Hear Affirmative Action Case

THE WASHINGTON POST

The Supreme Court on Monday refused once again to enter the contentious realm of affirmative action, declining to take a case from Dallas over the objection of two justices who argued that the court should examine the constitutionality of a program designed to benefit minority firefighters.

By turning away the case, the court ensured that the city of Dallas can no longer employ the affirmative action program it adopted a decade ago to help diversify the ranks of its firefighting force.

The justices' action shows how much the subject of racial preferences continues to polarize the court. The court's two Clinton appointees, Justices Stephen G. Breyer and Ruth Bader Ginsburg, issued an unusual written dissent, urging the court to take the case.

The court majority did not explain why it rebuffed pleas from Dallas to overturn the lower court's decision. But legal experts on both sides of the issue said Monday that the justices' action was in keeping with the court's coolness in recent years to the idea of special racial preferences in education and employment.

Narrow Majority of Americans Support Balkans Bombing

THE WASHINGTON POST

With polls showing that a narrow majority of Americans support his handling of the Kosovo situation, President Clinton Monday stuck steadfastly to his policy of using airstrikes alone to combat Serb aggression.

For the first time since the airstrikes began six days ago, Clinton made no public statement about the warfare, delegating that duty to Vice President Al Gore.

As White House officials continued to ponder strategies for coping with a surprisingly resilient enemy in Yugoslavia, a new Washington Post/ABC News poll found that 51 percent of Americans approve of "the way Bill Clinton is handling the situation in Kosovo." Thirty-one percent disapprove, and the rest have no opinion. The poll, conducted on the third, fourth and fifth days of U.S. airstrikes, showed a rather modest increase in public support from the pre-bombing days.

U.S., NATO Boost Bombing Strikes in Former Yugoslavia

By Thomas W. Lippman and Dana Priest

THE WASHINGTON POST

The United States and its NATO allies dispatched more airplanes to reinforce the relentless bombardment of Yugoslavia Monday as military commanders concluded the strikes have so far failed to deter what officials described as a systematic attempt by the Yugoslav military to subdue or exile the populace of the rebellious province of Kosovo.

Pentagon spokesman Kenneth Bacon announced that the United States is sending more bombers and electronic warfare aircraft as part of an alliance-wide buildup. He said five B-1B bombers, five EA-6B Prowlers and 10 tankers will join the fleet that has been pounding Yugoslavia since Wednesday. The air strikes continued Monday night and will henceforth be conducted around the clock, according to British officials and NATO spokesmen.

As reports multiplied of atrocities against Kosovo's civilian population and tens of thousands of refugees streamed into neighboring countries, Pentagon officials said they are considering deployment of Apache attack helicopters, probably

to neighboring Macedonia. These low-flying aircraft are designed to strike armored vehicles and troop concentrations, meaning that if ordered into battle they would directly attack Yugoslav units carrying out the crackdown in Kosovo.

Britain also announced reinforcements, saying eight additional Tornado fighter-bombers are being readied for deployment.

The announcement that more U.S. planes would be sent to support the air campaign followed a White House meeting between President Clinton and his senior defense and foreign policy advisers. After that session, Clinton took advantage of a balmy afternoon to head for the golf links, from where he telephoned two key alliance leaders, British Prime Minister Tony Blair and German Chancellor Gerhard Schroeder.

The additional deployments dramatized an apparent mismatch between NATO's objectives — to stop the humanitarian tragedy unfolding in Kosovo — and the bombing tactics employed so far to achieve them. In that light, the NATO supreme commander, Gen. Wesley K. Clark, sought authorization over the weekend to hit additional targets to intensify the pun-

ishment against President Slobodan Milosevic's government, including the Defense and Interior ministries in downtown Belgrade where the army and security police get their instructions.

As the air campaign intensified, so did Russian efforts to halt it. Prime Minister Yevgeny Primakov, who canceled a visit to Washington a week ago to protest the imminent start of the air strikes, announced he will fly to Belgrade Tuesday with his foreign, defense and intelligence chiefs. He is expected to explore the possibility of a cease fire with Milosevic, the leader of the Yugoslav federation and of its dominant republic, Serbia.

Milosevic has shown no signs of yielding to allied demands that he cease his campaign against Kosovo, the southernmost province in Serbia, whose population is about 90 percent ethnic Albanian, people speaking a different language and practicing a different religion from the Serbs who rule the province. On the contrary, Milosevic's military and police appeared to be waging what a senior U.S. official called a "scorched earth campaign" to crush the Kosovo separatist challenge once and for all.

Dow Jones Hits 10,000 Mark

By Ianthe Jeanne Dugan and Robert O'Harrow Jr.

THE WASHINGTON POST

The Dow Jones industrial average closed above 10,000 for the first time Monday, creating a new benchmark for the longest-running bull market in history and underscoring the optimism of new investors dazzled by the high-tech boom and the nation's robust economy.

Just one year after first hitting 9000, the widely watched barometer of 30 blue-chip stocks plowed through the five-digit mark in mid-afternoon and hung on until New York Mayor Rudolph Giuliani rang the closing bell at the New York Stock Exchange.

The Dow, which had captivated market watchers by bobbing around 10,000 for two weeks, rose more than 184 points, or 1.9 percent, to 10,006.78. Investors — including the thousands of mutual funds that have lured many newcomers to the stock

market in the past decade — bid up share prices on a burst of enthusiasm over corporate mergers and earnings.

But crossing the threshold also spurred on a debate raging among market professionals. Many deride the Dow average as an imperfect proxy for the market, though they acknowledge its hold on the popular imagination. Yet analysts also disagreed sharply over whether Monday's milestone is proof that the market is headed even higher — or whether it masks a broad-based decline that has affected all but the biggest stocks.

With more Americans than ever investing their life savings on Wall Street, the answer matters a lot. In 1984, when the current bull market was two years old, about 12 percent of American households were invested in mutual funds, compared with 44 percent today, according to the Investment Company Institute, a trade group.

Many Americans indirectly hold

stock through pensions and other retirement accounts, and small investors are increasingly trading stock themselves using the Internet.

"Generally, these numbers are just numbers. There's nothing more magic about 10,000 than 9997.6," said David Wyss, chief economist at Standard & Poor's DRI forecasting unit. "There is a psychological element, though. People sit up and take notice."

The Standard & Poor's 500-stock index, a broader measure of the market than the Dow average, Monday jumped 27.37 points, or 2.1 percent, to 1310.17 and the technology-heavy Nasdaq composite index rose 73.67, or 3 percent, to 2492.84.

After the market closed, Coca-Cola, one of the Dow stocks, said worldwide sales volume had fallen in the first quarter, news that sent its stock tumbling in after-hours trading — and would have knocked the Dow average below 10,000 if the news had been released earlier.

WEATHER

Take a Walk on the Mild Side

By Greg Lawson
STAFF METEOROLOGIST

We've been doing pretty well weatherwise since spring's arrival, and the next several days will continue to be mild, sunny, and pleasant, though there will be some substantial winds to contend with. A relatively strong low is passing to our north and will slow down as it reaches the Gulf of St. Lawrence. As a rather large high covering the eastern half of the country passes off the east coast of the United States, the north-south superposition of the low/high pair will produce a strong pressure gradient. This, in turn, will ensure strong westerly and northwesterly winds over Boston through today and tomorrow morning. We will see sustained wind speeds over 20 mph, gusting into the 40s. Thanks to the high pressure passing to our south, we will have few to no clouds.

As the high slowly passes out to sea the winds will decrease. Wednesday will still be windy though wind speeds will only be between 10 and 15 mph. By Wednesday evening we will begin to see a few high clouds. Overall, Wednesday will be even warmer than today with highs in the mid 60s. Thursday we'll have more cloudiness, weaker winds, and slightly cooler temps. A northward traveling low-level short wave could come as close as Connecticut to bringing us rain, but it should remain dry here — Friday, however, very well could have some precipitation. It's still too early to be quantitative about it. Just enjoy the good stuff while it lasts.

Tuesday: Very windy, northwesterly winds over 20 mph, gusts up to 40 mph. Clear skies. Mild temps with a high of 61°F (16°C).

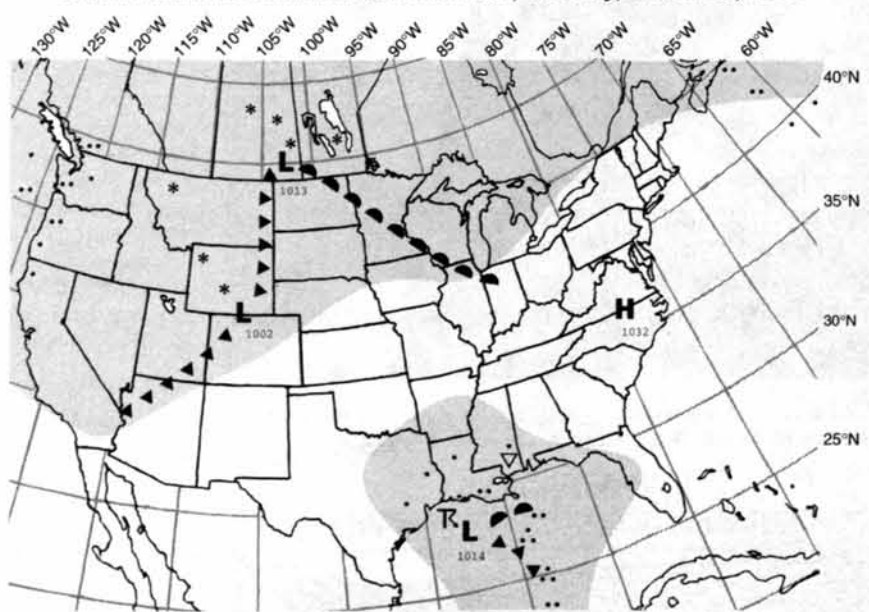
Tuesday Night: Still windy with steady northwesterly winds. Mostly clear skies. Low of only 39°F (4°C).

Wednesday: Very pleasant. Weakening winds. Scattered clouds appearing in the evening. High of 65°F (18°C), low of 42°F (6°C).

Thursday: Variable clouds. Mild temps in the mid to high 50s (13-15°C).

Friday Outlook: Cloudy. Chance of rain. Temps in the low 50 (10-12°C).

Situation for Noon Eastern Standard Time, Tuesday, March 30, 1999



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	☉ Showers	☁ Fog
L Low Pressure	—•• Warm Front	▽ Light	⚡ Thunderstorm
§ Hurricane	—▲▲ Cold Front	▲ Moderate	☁ Haze
	—▲• Occluded Front	▲▲ Heavy	

Compiled by MIT Meteorology Staff and The Tech

Euro at Lowest Level Against Dollar Since January Debut

By Anne Swardson
THE WASHINGTON POST

The euro sank Monday to its lowest level yet against the dollar, bottoming at just below \$1.07. When it was created out of the national currencies of 11 nations on Jan. 1, the euro was valued at \$1.17.

The decline has been seen in part as a reaction to the NATO bombing of Yugoslavia over the breakaway province of Kosovo — the latest blow to Europe in what have been a really rotten few months. At times of international turmoil, Western investors tend to favor currencies perceived as safe and countries perceived as insulated from strife. The U.S. dollar nearly always strengthens.

the euro countries — Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Portugal and Spain — have linked their economies tightly together, the difficulties experienced by one could affect the others.

"There may be fears that as a result of the military action you get a load of immigrants leaving (that) part of the world and going to Greece or Italy, and pushing up their budget deficits," said Gwyn Hacche, European economist for the investment firm HSBC James Capel in London.

Italy is a euro participant; if it had to spend more to accommodate an influx of refugees, its budget deficit could exceed the limit

required for euro membership. Greece is not a member of the euro, but wants to be.

The Greek drachma fell sharply Monday against both the dollar and the euro, as did the currencies of Yugoslavia neighbors and new NATO members Poland, Hungary and the Czech Republic.

Some Europeans worry that a weak euro shows a lack of confidence in a new currency, which optimists hope could someday rival the U.S. dollar in world importance. However, the euro's decline should boost European economic growth by reducing the price of European exports in overseas markets. The cheaper European imports into the United States help restrain U.S. inflation.

Yeltsin Orders Top Russian Aides To Try to Stop Conflict in Kosovo

By David Hoffman and William Drozdiak
THE WASHINGTON POST

Russian President Boris Yeltsin Monday ordered his top government ministers to Belgrade to hold urgent talks with Yugoslav President Slobodan Milosevic in the first major political initiative to end the Kosovo crisis since NATO launched its bombing campaign six days ago.

Prime Minister Yevgeny Primakov, accompanied by his foreign, defense and intelligence chiefs, is expected to meet with Milosevic Tuesday to explore the possibility of a cease-fire with its longtime ally. Russian officials said Primakov would aim to halt the escalating violence and revive

peace negotiations, but they provided no details about his proposal.

"We are going to Belgrade not to save somebody's face but to stop the aggression, to return to the negotiating table," Foreign Minister Igor Ivanov told reporters. The purpose of the trip is to "reverse the negative dynamic of events," he said.

He did not specify any requests that the group might make of Milosevic but said "the aggression was launched by NATO, and it is up to NATO to stop it."

The United States and its allies warily welcomed the Russian initiative, emphasizing that they hoped Primakov would focus on ending the crackdown in Kosovo and accepting a proposed peace deal providing

autonomy to the Serbian province.

"If the Russians can persuade Milosevic to stop the slaughter in Kosovo, that would be great," a senior U.S. policy-maker said. "But if he offers only hollow concessions that seek to drive a wedge into allied solidarity over the airstrikes, then this mission could be extremely counterproductive."

NATO Secretary General Javier Solana said Primakov would be "totally safe" flying to Belgrade even though allied military commanders have warned civilian aircraft to stay out of Yugoslav airspace. "I know his diplomatic skills, and I hope he will be able to convince Milosevic to stop the killings," Solana said.

New PC Virus Hits E-Mail

THE WASHINGTON POST

A new virus swept across email networks all over the country Monday, forcing the emergency shutdown of many message systems.

The virus affects personal computers running Microsoft Word 97 or Microsoft Word 2000 and Microsoft's Outlook email package. It exploits macros, the files that automate tasks in such programs as Microsoft Word.

Victims receive email messages with the subject line "Important message from <sender> ." The body of the message says: "Here is that document you asked for ... don't show anyone else :-)"

If the user opens the attachment, the program infects the word processor and the email program, sending the "Here is that document" message and infected copies of randomly selected Microsoft Word files to the first 50 names on the user's email address book. Information on countering the virus is available on the World Wide Web at www.cert.org/advisories/CA-99-04-Melissa-Macro-Virus.html.

Justices to Look at Use of Campus Fees for Political Groups

LOS ANGELES TIMES

The Supreme Court agreed Monday to decide whether students at state universities can be forced to pay fees that are used to fund campus groups with a political agenda, ranging from environmentalists to gay-rights advocates and socialists.

Though the amounts of money at stake are small, the issue of who receives mandatory student fees has become an ideological battleground on many campuses.

Young conservatives have attacked these fees as a violation of their First Amendment rights. They say they should not be forced to subsidize groups whose message they oppose.

Supporting the mandatory fees, university officials and liberal advocates say the First Amendment is strengthened, not violated, when a broad array of groups can publish magazines and bring speakers to campus.

These groups have a free-speech right to espouse their views on campus, the appeals court said, but forcing all students to subsidize their message is another matter.

"The regents (of the university) cannot use objecting students' mandatory activity fees to fund organizations which engaged in political or ideological activities, advocacy or speech," wrote Judge Daniel A. Manion.

Manion's opinion for the three-judge panel relied on earlier Supreme Court rulings that said teachers and members of the state bar could not be forced to pay fees that in turn paid for political contributions or lobbying. The appeals court did not finally decide, however, whether the University of Wisconsin must stop funding these campus groups entirely, or instead, whether it must merely give dissenters a right to a refund.



The MIT
Graduate
Student
Council

office: Walker Memorial, 50-220 (above the Muddy)
phone: 253-2195
website: www.mit.edu/activities/gsc
email: gsc-request@mit.edu



"Island Escape"
The Annual GSC Formal Ball
Dinner and Dance on the Sprit of Boston

Friday, April 16, 1999
6:30-10:00 PM
\$35.00/person

Tickets available at the GSC office, 50-220, x3-2195

Tickets include:

- 1 ticket to the formal ball on the Spirit of Boston
- 3 free dance lessons from the Ballroom Dance Team on April 6 from 7 to 10 PM
- 1 ticket to the after formal party (Cosmopolitan Club)
- Shuttle service from the Spirit of Boston

In addition, the first 100 people who buy tickets will receive one free dance lesson from the Ballroom Dance Club.

OPINION

MIT's Bold Admission

In the summer of 1994, three tenured female faculty in MIT's School of Science started questioning their professional status compared to their male faculty counterparts.

Inquiring with others and amongst themselves, the women noticed a disturbing trend. With the encouragement of Dean of the School of Science Robert J.

Birgenau, the women formed a committee to investigate the status of the female faculty at MIT. Their result five years later is the Women Faculty in Science report.

Subtle, but persistent, institutionalized discrimination is the staggering finding of the report, published in the March edition of *The MIT Faculty Newsletter*. This past week MIT took a bold step in admitting its problem, but much remains to be done to make the report's recommendations a reality.

One particularly revealing statistic from the study is a comparison of the gender makeup of faculty in various departments versus the gender makeup of undergraduates in those departments. In the Department of Mathematics there is only one female faculty member out of 48 total faculty in the department despite the fact that women make up a third of undergraduate population in math. Most departments exhibit this trend, even departments such as Biology, Chemistry, and Brain and Cognitive Sciences, where there are actually more female than male undergraduates. The implications are clear: women are being trained in a variety of subjects, but when it comes to academia women have been turned away. More than intelligence and seniority is at issue here.

Female faculty at MIT face other sorts of subtle discrimination. Besides the startling gap in numbers, the committee reported "inequitable distributions... found involving space, [the] amount of 9-month salary paid from individual research grants, teaching assignments, awards and distinctions, [and] inclusion on important committees and assignments within the department."

MIT has admitted the problem and addressed some of the issues raised through the committee's findings. *The Tech* applauds the Institute for taking this bold, although overdue, step under the spotlight of the nation. We hope that other uni-

versities and institutions will evaluate the composition of their faculty and take the same steps MIT has taken.

But we are concerned that, once the national spotlight fades, MIT will continue along the same path, that the recommendations in the study will find themselves mired in committee bureaucracy and indifference. This report should be the start, not the end, of MIT's reformation process.

The recommendations themselves come across as tautologies in today's free, democratic society. They include ideas such as: "Review the compensation system," "raise committee consciousness about the need for equity," "replace administrators who knowingly practice or permit discriminatory policies," and "address the childbearing issue for junior women faculty." Promotion of these ideas is so basic and essential to any institution that it is almost embarrassing that they have to be stated so explicitly.

Some changes to the status of female faculty can and should be made immediately. For example, MIT and individual departments can and should take steps quickly to rectify the problem of salary and other compensation discrepancies between male and female faculty. While primary salary data is confidential, departments and those who have access to such information must act as watchdogs in the maintenance of equality. In addition, reapportioning office space for equity should be a relatively simple task.

As a final note, the Institute's effort to improve the status of female faculty should be part of larger effort to improve the status of women at other levels of the educational process. Our efforts at the undergraduate level are commendable, but from this level up to the graduate level to the post-doctorate level to the faculty level, there is a steady decline in the involvement of women, as the statistics in the study show. MIT must make a conscious effort on all fronts.

We recognize that this task is daunting, but it must be done. Living in an age of heightened consideration for equity, we sometimes take for granted that institutions will treat all of its members equitably. The Women Faculty in Science report has shown this notion to be false, and *The Tech* is confident that MIT can achieve the goals set out in the study.

Letters To The Editor

Stop the Bombing

We are writing in a desperate appeal to all people of good will to raise their voices against NATO's bombing of the Yugoslav people! The emerging results of this bombing campaign are devastating. Cities all over Yugoslavia have been attacked. Apartments and houses have been destroyed. Schools, a water treatment plant, and even a hospital and a monastery under UNESCO protection have been damaged in these raids. The lives of ordinary citizens have been disrupted and endangered. In fact, they now live their lives out of bomb shelters. On the ground in Kosovo, extremists from both sides have and will exploit the present situation to inflict more pain and suffering on innocent civilians.

It has been proclaimed that NATO is not at war with the Yugoslav people, but with Mr. Milosevic. However, the bombs are falling on the Yugoslav citizens. Sadly enough, with all the things NATO has destroyed so far, it has only managed to shore up Milosevic. The Balkan region is inflamed with massive protests against NATO, which are particularly intense in Macedonia and Greece. There is a growing rift between the five permanent members of the UN Security Council, with Russia and China vehemently opposing NATO intervention, which violates the UN charter.

We want our families and all the people of the Balkans to live in peace. We believe that bombs will not solve anything for the people of Yugoslavia, both Albanians and Serbs.

Therefore, we ask you to, please, raise your voice and demand the termination of bombing and a return to negotiations! Bombing destroys good will, and only good will among different nations can save the entire region from total economic and political collapse. At the end, we ask you to join us in prayer for our families and all the innocent people suffering from this campaign.

MIT Organization of Serbian Students

Horton's Misleading Argument

The letter ["Who's the Real Nutcase," Mar. 16] from Charles N. Horton '99 shows a somewhat superficial reading of the Bible. His Leviticus passages are found within a context of the ancient Hebrew tradition and are largely considered irrelevant for the modern Christian — the eating of pork, weaving together of two different cloths (those heinous polyester cotton mixes), and eating at the same table as a menstruating woman. His quote from the Corinthians is found within a context of Paul's dislike of sex in general — yes even within the context of heterosexual marriage. Paul was celibate, and he wanted everyone else to be.

For a topic that consumes so much of the attention of Horton and those who think like him, it is startling that in three years of ministry, Christ himself had absolutely nothing to say on the topic. So Horton is left to quote from an apostle who stated clearly that wives should submit to their husbands, that women

should wear hats in church, and an assortment of other proscriptions no longer considered relevant.

Having grown up in apartheid South Africa, I am startled by the similarity in Horton's biblically justified claims against homosexuality and of those made by the apartheid government.

A substantial part of the Christian Church has begun a re-evaluation of its position on homosexuality — the Dignity group and the Jesuit Urban Center within the Catholic church, the substantial Metropolitan Community Church group, the UUs, the Episcopalians at the Lambeth conference and a host of other Protestant and Jewish groups. These groups think that the Bible is ambiguous on homosexuality, and yet Horton appears not to understand why.

I invite Horton and his co-thinkers to focus their attention on true sins — those that damage other people, those that cause emotional distress to other people, and those that leave other people dead and wounded. Homosexuality and Christianity coexist quite happily within many people. Horton's apparent dislike of homosexuality and his attempts to justify this position with quotes taken out of context is rather sad. His failure to condemn the killing of Matthew Shepard and the heartless picketing of the funeral by "Christians" is even sadder. As an educated person, one assumes Horton is not the nutcase and fully understands the position of his movement, and it is this position that is enough to discredit the entire movement.

Matthew Dyer G

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, news editors, 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 newspaper.

Letters to the editor are welcome. Electronic submissions are encouraged and may be sent to letters@the-tech.mit.edu. Hard copy submissions may 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>.



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A Different Perspective

IAP Seminar on Sexuality Did Not Promote Hatred

Guest Column
Karl Wirth

The Black Christian Fellowship and United Christian Fellowship offered our Independent Activities Period Seminar, "The Bible and Sex," to the MIT community for those who were interested in how sex and sexuality are understood within the Christian framework. The seminars included panel discussions of the goodness and wonder of sex, the good reasons behind biblical limits to our sexual expression, and the hope we have for healing from sexual brokenness. It was this third seminar, entitled "You are Not Alone: Stories of Past Hurt and Healing," which Damon W. Suden refers to in his March 9, 1999 guest column, "The Dangers of Conversion Therapy."

In this third seminar, two panelists told deeply painful and personal stories of how rape, incest, abuse, and sexual addiction had affected them. They went on to explain how God had brought them healing and peace. The third panelist shared his long and difficult struggle with unwanted homosexual desires that extended into his childhood. He then talked about the process by which God is healing him — in all the complexity of his being, including his sexuality. He also shared that his life now includes a happy marriage to a woman. He offered his life story to the audience to give hope to those who wished for similar healing from God.

It is this process of healing that Suden crit-

iques in his column when he writes, "Years are spent in prayer, fasting, in isolation, and, in extreme cases, undergoing torturous procedures such as electro-shock therapy. Sham marriages, fake relationships, and inner pain are the only results." This was not the process of healing described in the seminar. Instead, the speaker argued against denial and stressed that it was only when he stopped trying to deny his homosexual feelings and battle against them that his process of healing began. He said that we must stand honestly before God and others and that God loves us before we change anything about ourselves that he or we don't like.

Suden also critiques our motivation for holding this seminar and inviting a speaker from Desert Streams Ministries. He links us to far right attacks on gays and lesbians, hints at religious brain-washing cults, and implies that we demonized, condemned, and attempted to force change on homosexuals. The point of this seminar was not to convince people that homosexuality was wrong. The panelist said to the gathered audience that he and his healing ministry were not about trying to convince contented homosexuals to change. Instead, the panel and this ministry were offered to those who were longing for something different and wanting freedom from homosexual desires. Why then did we invite the leadership of GaMIT? We knew that the view we were presenting was radically different from their view. We wanted to let them know that we were talking about this so we could avoid any perception that this was a behind closed doors attack on homosexuals.

At the end of the seminar, a member of the

audience asked our panelist to read a letter out loud and comment on it. He did. The letter described the audience member's struggle with unwanted homosexual feelings. After a deep personal struggle, this person came to accept and want his homosexual feelings believing that they were God's will for him. Our panelist responded to this letter by simply saying, "What else can I say. Your story has been heard, and I love you too, brother."

Because of the deplorable action of some Christian groups who are linked to hatred and violence against gays, it is worth saying publicly that we believe that such actions and attitudes are wrong. However, as the previous paragraph shows, these kinds of attitudes were not represented or promoted by our seminar.

Finally there is the more fundamental critique Suden is making about our approach to a person who has unwanted homosexual feelings. It is his belief that such feelings are inherent and unchangeable and so he critiques us for offering the false hope of change to that person. Instead, Suden would offer that person a different hope: that she or he could change to one day want homosexual feelings. For some people this change does come easily, but for others it is very difficult, and for others the change comes not at all. We are both offering hope. We are both offering conversion. We both have powerful stories to support us. We believe it is worth hearing all of these stories without condemning some of them as bogus and dangerous.

Karl Wirth is an MIT affiliate writing on behalf of the Black Christian Fellowship and the United Christian Fellowship.

A Great Actor

Elaine Wan

I had the great opportunity to watch the Oscars on television during Spring break. The stream of glamorous Oscar award winners in designer apparel was good for viewing pleasure, but the thank-you speeches soon became long and emotional. The only exception was Roberto Benigni's speech. The Tuscan comedian, actor and director of the critically acclaimed film, *Life is Beautiful*, convinced viewers at home, like me, that life was truly beautiful when he accepted the Academy Award for Best Actor. He expressed his intense joy by climbing on top of seats and leaping over seated members in the audience, including Steven Spielberg and his wife, Kate Capshaw.

For the past few weeks leading up to the Oscars, the media has been promoting the Academy Award nominated film *Life is Beautiful*, and the witty, charming, and ingenious Benigni. Benigni is a good actor on film, but very few know that he is an even better actor in real life.

As I was flying back to Boston this weekend, I read the *Sky* magazine offered on the Delta Shuttle which featured an interview with Benigni. It was not hard to understand why Benigni had so quickly become a favorite

He expressed his intense joy by climbing on top of seats and leaping over seated members in the audience, including Steven Spielberg and his wife...

in the eyes of the Academy and the media.

When the reporter of *Sky* asked him questions regarding his thoughts of being a Tuscan comedian, he expressed himself with great eloquence and truth, or at least he made his words seem that way to readers. He compared himself to a jester of the royal court who tries very hard to make people laugh even when the audience spits at him.

When the reporter asked him if he would ever redo the film in English using his own voice, he answered humorously that *he deeda nota wanta speak like deesa inda filma*. He also plainly confessed that Warner Brothers, Miramax Films, and Universal Studios had already offered him contracts to make new films but he did not plan to move to the United States because he thought "a good idea is a good idea anywhere."

Benigni is indeed eloquent and is known for giving simple but long speeches that often rhyme every few sentences. In his acceptance speech for best actor, he rushed up to the stage to receive his Oscar and said, "This must be a mistake. I have already used up all my English so I don't have any words to express my gratitude." With these few simple words, he had won the heart of the audience, the viewers at home and the respect of the whole international film community who might have otherwise felt disdain towards this foreign newcomer who claimed three Oscars with one movie.

His interviews with the media and speeches have made him out to be a steadfast, honest, sweet, intelligent and vivacious character. He seemed like an artist who would never give in to the evil lure of lucrative film production. An artist who would keep films running on creativity rather than on financial profitability. But the truth is we have been cheated by a false illusion.

Following the screening of *Life is Beautiful* in Italy and the Cannes Film Festival, where the movie received standing ovations, Benigni found himself in the limelight of international attention. Benigni also received numerous film awards in Europe before the film won Oscars for Best Actor, Best Foreign Film, and Best Dramatic Score in the United States.

After Benigni's success at the Academy Awards, Miramax Films announced this week that *Life is Beautiful* will be dubbed into English with Benigni's own voice and the voice of Nicoletta Braschi, Benigni's wife and co-star.

Perhaps, Miramax finally added enough zeros to Benigni's check to convince him to also portray to children in America that the Holocaust was a game between good guys and bad guys, in which love triumphed at the end. Or perhaps, we will soon hear that Benigni is moving to Hollywood. But one thing is for sure: You will be seeing an English version of *Life is Beautiful* in a theater near you.

Medicine for the Masses

Eric J. Plosky

Losing your hair? Chronic allergies? Can't get it up? Maybe you should be paying more attention to your television — pharmaceutical companies have lately been advertising all sorts of miracle drugs.

You know those commercials; they're the ones that eloquently promise a better life, spell out a laundry list of harmless-to-fatal side effects, and then encourage you to consult your doctor. "Cure your allergies forever with Allergynot!... This product may cause dry mouth, nausea, diarrhea, and death. Consult your doctor."

Sometimes, as federal law dictates, pharmaceutical companies must provide some scientific data (an equivalent to the dense page of text that often accompanies drug ads in magazines). The breathy, beckoning narrator suddenly becomes crisp and precise: "This product proved effective in 44 percent of patients, versus 41 percent for a sugar pill. Death occurred in 25 percent of patients, versus 12 percent for the sugar pill."

I am quite sure prescription drugs were not always advertised on TV. Then again, the Marlboro Man used to gallop across the screen between acts of "The Donna Reed Show." The more one looks back over half a century of television commercials, the less surprising is the shift in marketing. After all, Americans have always been ravenous consumerists. The recent publicity given to newly-developed "wonder drugs" has stimulated this consumerism and created a peculiar new monster — the health-obsessed American, seeking solutions by the pill. Introducing Prozac and Viagra to television is therefore perfectly logical.

Isn't it? Doesn't it make sense that companies would want to shill their wonder drugs to the public? Well, of course — except that there's a pesky middleman standing squarely between Pfizer and Joe Limp: the friendly family physician. Only this Hippocratic person can authorize the disbursement of prescription drugs; therefore, the doctor must somehow be convinced to employ his illegible prescription-handwriting in order for pharmaceutical companies to make any money.

In the pre-direct-marketing era, doctors made up their own minds, keeping up with pharmaceutical trends and research and prescribing what they thought would do the trick. Patients may have heard of wonder drugs but weren't themselves barraged by pharmaceutical salesmen. Nowadays, for the typical American, paid advertising seems to be sufficient information on which to base vital medical decisions, so hypochondriacal couch potatoes go off to see their doctors — not to consult with them but to convince them to prescribe whatever drug was advertised during "Friends" that night. Often, doctors are convinced; it's hard not to accede to a patient's wishes.

Obviously, doctors, who know better, aren't convinced all the time. And not every American goes straight from his TV couch to his doctor's waiting room, drug slogans eagerly in mind. But the more prescription drug advertisements appear on television (and in magazines and on billboards), the more people begin to think they don't need a doctor's opinion. Increasingly, doctors are prescription dispensers, simple mechanisms beholden to Americans eager to get in on the latest wonder drugs.

Granted, in many cases a drug that claims to enhance potency, or allergy resistance, works as advertised. However, the problem isn't that companies advertise individual pharmaceuticals falsely or fraudulently — the problem instead lies with the basic premise behind drug ads. Important question: Should pharmaceutical companies be advertising a "quick-fix" mentality, encouraging Americans to seek consumerist solutions to their medical problems?

Ideally, medicine should be free from consumerist influences. As we know, though, the medical profession began "consumerizing" itself long ago, way back around the time doctors stopped making house calls. Modern health care is dominated by huge, impersonal health-maintenance organizations that, as profit-seeking businesses, are often more concerned with the bottom line than with the level or quality of personal treatment. HMOs have hastened the transformation of medicine into essentially a consumer product. Just as you buy a new car when the old one dies, you visit a doctor these days primarily for specific remedial care — or in order to obtain a specific prescription. Long-term patient-physician relationships seldom develop, and as a result doctors frequently know their patients not as people with idiosyncratic health histories but only as a list of ailments,

or simply as some sort of chart.

Consumer-oriented prescription-drug advertising fits in nicely with this consumerist model of medicine. The importance of the physician is further reduced; even less of a relationship is required between doctor and patient. Though this system may work well for large numbers of people (the HMOs and drugmakers, at least, can rake it in), continued consumerism in medicine bodes ominously for those too poor to pay, and for those too uneducated to sift the pharmaceutical wheat from the chaff.

What alternatives do we have to consumerist medicine? Surely the promotion of lifestyles that are healthful overall is at least as socially important as the marketing hype devoted to Zyban and Propecia. However, some critics charge that promoting healthy lifestyles is fundamentally at odds with the economic objectives of consumerist medicine; they look instead to socialist medical systems, such as the state-administered health care programs of Britain and Canada.

But socialist medicine has significant failings of its own — I heard while in London last January, for instance, that there are only 1,000 intensive-care beds in all of England. This is presumably because socialist medical systems, though they may be better at encouraging generally healthy lifestyles, lack the economic incentives that motivate private health-care organizations to compete for business.

Is there no middle ground between socialism and consumerism? Can't we somehow combine the economic efficiency of medical capitalism with the idealistic civic-mindedness of medical socialism? Perhaps not. Perhaps we're simply on the consumerist road for good — in which case, we'd better get used to Bob Dole smiling down on us from Viagra billboards.



FEATURES

Nightline

Student volunteers provide anonymous support for peers

By Jennifer Chung
NEWS EDITOR

Since it first opened its phone lines on November 1, 1978, the peer listening service known as Nightline has been answering students' calls every evening.

Nightline typically receives about twenty to forty calls for information per night, with "fewer calls after midnight, because people go to sleep," said one Nightline staffer, who wished to remain anonymous. In addition to requests for information (such as when the next SafeRide leaves, or whom a student should speak to if they failed to wake up for an exam), Nightline also receives an average of 1.5 "listening" or "counseling" calls every night.

"Students should feel free to call us for any reason," the staffer said. "No concern is too trivial... and we really are here for that."

Students saw need for Nightline

Nightline was founded "by a group of students who saw the need... and approached the administration and were able to get funding," the staffer said.

Modeled after "Room 13," a similar peer counseling service at Harvard University, the original Nightline (like Room 13) allowed physical drop-in appointments in addition to phone calls to "talk about school problems, boy/girl friend trouble, roommate hassles, or just to provide information ranging from what time the LSC movie is showing to contracep-

tive and drug information," according to a 1978 article in *The Tech* when Nightline was first formed.

"The idea... is to provide a place that's open when everything else is closed," said Meredith G. Warshaw '79, one of the coordinators at the time.

The original thirty staffers underwent

According to the coordinator, there are currently 35 Nightline staffers, each of whom staff the phone lines "roughly once every two weeks." About 80 percent of the staffers are undergraduates, the coordinator said.

"At the moment it's weighted towards seniors, but we would like it to be more evenly spread," the Nightline coordinator said. First semester freshmen are not allowed to be Nightline staffers.

Over the years, Nightline has changed phone numbers several times and moved locations several other times, as well. Nightline no longer offers walk-in services, but phone services are available from 7 p.m. to 7 a.m. every evening during the school year — from the first day of Orientation to the last day of fall term finals, and from the first day

of Independent Activities Period to the last day of spring term finals.

There are usually three training sessions for new staffers every year, because "people call up wanting to join at different times, and there's only so many people you want to train at once," the staffer said.

"Also, we're worried about a lot of graduations this spring, so we put in another training class," the staffer said.

Training is broken up into two basic parts: information, and listening and support. With information, staffers are trained to "learn a lot of information about issues [such as] STD's, drug use, [and] alcohol." There's also "a sort of listening model component, as well," the

staffer said.

Additionally, Nightline offers two listening skills workshops every year, open to the general MIT community, which introduce the listening model. The basic idea of the listening model is "to be non-judgmental and to empathize with the person who is talking to you," the staffer said.

"It takes some work," the staffer said. "It's just a little different from listening to your friend, whom you know well and whom you'll generally be free and open with your opinions about. In a peer counseling situation, you have to be more guarded, because you generally don't know the person as well."

Caller confidentiality emphasized

In response to controversy over Automatic Number Identification (caller ID), a feature which allows the receiving end of a phone call to identify the phone number of a caller, Nightline wrote a 1989 letter to *The Tech*, stressing that its phones were not equipped with this feature, and that "our phones are unable to give us any information regarding a caller's identity," the letter read.

A letter to *The Tech* in 1990 again stressed the confidentiality of calls, as well as reiterating the importance of all calls. "If the issue is serious to you, it is serious to us," wrote a Nightline member.

In 1996, several students filed complaints with Campus Police about a male calling and pretending to be a member of Nightline, and asking for personal information. However, Nightline "maintains strict confidentiality of all calls made by students to discuss their problems, and its staffers never call students," said a coordinator at the time.

Chief of Police Anne P. Glavin said that students receiving a call "from someone claiming to be from Nightline" should file a report with the Campus Police.

Nightline observes complete confidentiality of staffers and anonymity of callers. "We like to think of ourselves as anonymous and helpful ears," the staffer said.

The number for Nightline on-campus is x3-8800, mnemonically remembered as "DEF TUV TUV OPER OPER" (referring to the set of letters corresponding to each number on a touch tone phone), or (617) 253-8800 from off-campus.



training over the summer of 1978, working with counselors from the community. More students were recruited at the beginning of the fall term, the current staffer said.

Counseling funds Nightline

Nowadays, Nightline is funded through Counseling and Support Services. Assistant Dean of Counseling and Support Services Kimberly G. McGlothlin advises the group. In addition to McGlothlin, there are two student coordinators. One of these coordinators, who wished to remain anonymous, said that the job was to "basically organize the staffers" and act as "the link between Counseling and Support Services and Nightline."

Spotlight of the Week

Jello iMac Contest

By Aaron D. Mihalik
STAFF REPORTER

While many people traveled to far-off places over spring break, a number of students remained on campus — a choice which still offered plenty of opportunities to relax and unwind. One such event was the JELL-O iMac contest that took place on Friday in Lobby 7.

As contestants, wielding sharp knives and hot spoons, put the finishing touches on their Jello creations, throngs of passersby's and several news cameras from local area stations observed the competition. Although there were 15 entries, only eight jello iMacs appeared in time for the competition. Entries ranged from elaborately crafted full-scale iMacs and fruit-filled keyboards to a photo of Linus Torvald pasted on a box of watermelon-flavored jello.

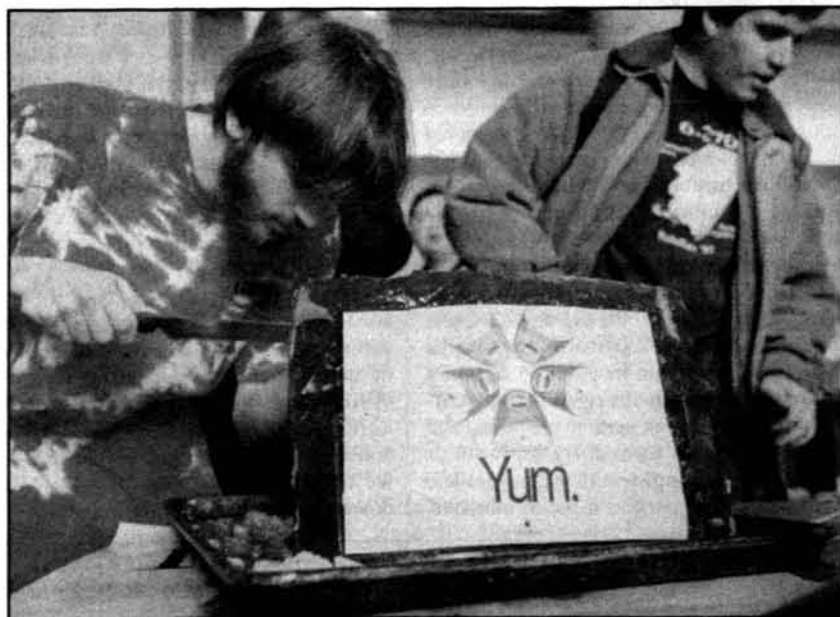
The winning entry was submitted by Melissa D. Dullea '00 and Molly A. Maxwell '99. Their jello iMac required 275 packets of gelatin, six gallons of water, two keyboards and 50 hours of work over the break. Their entry, which included such details as a jelly sharks screensaver, won them an Apple iMac G3/266.

Dullea entered the contest because she was "not doing anything else over spring break." She admitted that during the break, she "got to know gelatin better than [I] ever wanted to."

Tau Epsilon Phi's entry, "Jello Soul," tied for second place. A number of people passing by continually touched this one to examine its structure and "jiggleness." The entry was made with blue food coloring and Knox unflavored gelatin, plus about 30 boxes of sparkling grape jello. Rhett Creighton '02 noted that to construct the jello iMac, they "broke someone else's computer" and made a mold out of it. After the contest, the team dropped their jello iMac from the third floor of Lobby 7.

Another notable entry was the "open-source jello iMac," made by Andrew G. Brooks G, who was representing *VooDoo* magazine.

Brooks had an explanation for his creation. "Apple has just decided to somewhat embrace the open-source model with MacOS X," he said. The picture was "keeping with their 'Think Different' campaign involving pictures of various pioneering thinkers... a picture of Linus celebrating a Linux kernel build with a beer was perfect." The water-



Cary Martin '02 helps sculpt "Jello Soul," Tau Epsilon Phi's Jell-O iMac entry, Friday in Lobby 7.

melon jello was used because it was the "strangest flavor at LaVerde's."

The contest was thought up of by Wesley Thomas, an Information Systems consultant. Thomas was very pleased with the entries. "This is excellent," he said, "Great creativity, engineering... it's everything about MIT."

The contest was intentionally held during spring break. Thomas said that it would give students "something to do, relax, [with] no pressure."

The judging was based on five categories: creativity, realism, amount of jello used compared to non-jello components, documentation, and scale. There were three judges present: Marshall J. Vale and William F. Hogue from Information Systems and Donna Moughty from Apple.

Chris Mayo, a representative from Apple, applauded students for their "amazingly creative procedures [that] were used to create these iMacs." Mayo also noted that it was "interesting that some chose realism and others creativity."

VIEWPOINT

This week's question:

"Hell no, I slept and went out in New York."

Jae S. Kim '02

"I did no work. I went to the Bahamas."

Susan S. Lin '00

"I did a little bit of my 8.04 problem set. That's about it. The rest of the time I went to my dad's house in Westport, Connecticut and also visited my friend at Yale. Oh, and my cousins from France came."

Zachary A. Apoian '01

"Every single class had something due the week after spring break, but I just went skiing at Waterville Valley."

Peter S. Kim '01

"No, I did absolutely no homework. I worked at Athena Consulting and did random stuff, like played games and watched TV."

Antonio A. Araujo '00

"I'm a grad student so I just did research."

Mark A. Johnson G

"I went home to Cleveland, Ohio and watched CNN. I have cable at home."

Manish M. Patnaik '01

"Yes, I worked on all my problem sets. I also slept and walked around the river. I was also locked in a lab doing research."

Winnie Yong '01

"I did some UROPing. The rest of the time I was in New York or sleeping."

Dawn M. Nekorchuk '00

"Yes, I did 8.02, 3.01 and some Spanish. I went home to New Jersey and visited my family for four days."

Elizabeth M. Maxwell '01

Compiled by May K. Tse

TechCalendar

TechCalendar 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 TechCalendar web page.

Visit and add events to TechCalendar online at <http://tech-calendar.mit.edu>

Tuesday's Events

- 12:00 p.m. – **Working Instruments and Machines: The Potsdam and Harvard Photometers.** Klaus Stauber. Dibner Institute Lunchtime Colloquia. Room E56-100.
- 4:00 p.m. – **Complexity and Robustness.** Prof. John Doyle, Caltech. LIDS Colloquia. Reception will follow in 35-338. Room 35-225.
- 4:00 p.m. – **From Discrete to Continuum - The Art of Modeling in Semiconductor Processing.** Sadasivan Shankar, Intel Corporation. MTL VLSI Seminar Series. Refreshments in lobby of room 34-101 at 3:30 p.m. Room 34-101.
- 4:00 p.m. – **Enhancement of Particle Image Velocimetry Based on False Correlation Peaks.** Mr. Janos Rohaly, University of Kobe, Japan. Sponsored by Fluid Mechanics Seminars. Room 5-234.
- 4:30 p.m. – **Influence of Compressor Deterioration on Engine Dynamic Behavior and Transient Stall-Margin.** Mr. Zoltan Spakovszky, MIT/GTL. Gas Turbine Seminar Series. Refreshments 4:15 p.m. Room 31-161.
- 4:30 p.m. – **Sudan: Solutions for a Society in Extremis.** Roger Winter, US Committee for Refugees. Sponsored by Center for International Studies. A session of the Inter-University Seminar on International Migration. Room E38-714.
- 6:30 p.m. – **Second Felix Candela Lecture: Structures: The Joy of Engineering.** Jorg Schlaich, structural engineer, University of Stuttgart. Architecture Lecture Series. Room 10-250.
- 8:00 p.m. – **Aurelius Piano Quartet: Quintly Quartets.** Music that is pleasingly old-fashioned (Beethoven & Mozart) and also unfamiliar (the first public performance of Eric Sawyer's quartet). Killian Hall.

Wednesday's Events

- 11:00 a.m. – **High-Power Fiber Amplifiers and Lasers.** Low Goldberg, Naval Research Laboratory. EECS /RLE - Optics & Quantum Electronics Seminar Series. Room 34-Grier Room B.
- 12:00 p.m. – **Can We Afford a Revolution?** Dr. Cindy Williams, Visiting Fellow, MIT Security Studies Program. Sponsored by Security Studies Program. 1 hour 30 minutes.
- 12:10 p.m. – **What Keeps the Earth Habitable on Geologic Time-scales?** John Edmond, MIT. Sponsored by Physical Oceanography. Room 54-915.
- 12:10 p.m. – **GABLES Monthly Lunch.** A social get-together of the MIT Gay, Bisexual, and Lesbian Employees and Supporters group. Contact David Fitzgerald at 258-0235 or dftz@mit.edu for more information about this month's lunch. Sponsor: GABLES.
- 3:30 p.m. – **Lecture on Working in Groups: Intercultural Communication.** Kate Baty, MIT. Professional Development Series. 1 hour 30 minutes. Ashdown House, Hulsizer.
- 4:15 p.m. – **Inversion Identities for Polytope Valuations.** Dr. Daniel Klain, Georgia Institute of Technology. Sponsored by Combinatorics Seminar with MIT Department of Mathematics. 1 hour. Refreshments will be served at 3:30 p.m. in Room 2-349. Room 2-338.
- 5:00 p.m. – **Advanced Music Performance Recital: Dawn Perliner '01, violin.** Advanced Music Performance Recital: Dawn Perliner '01, violin. Killian Hall.
- 5:15 p.m. – **Simulation-based Robust Estimation of AROOMA Models.** Dr. Marc Genton, Massachusetts Institute of Technology. Sponsored by Statistics Seminar with MIT Department of Mathematics. Room 2-105.

Thursday's Events

- 12:00 p.m. – **MIT Chapel Concert. Gaspar Taroncher, harpsichord.** MIT Chapel Concert. Gaspar Taroncher, harpsichord. Chapel.
- 4:00 p.m. – **Incentives and Claims in a Distribution System.** Eitan Zemel, W.Edwards Deming Professor of Quality and Productivity, New York University. Sponsored by Operations Research Center. Refreshments will follow in Room E40-106. Room E40-298.
- 4:15 p.m. – **Strain Engineering of Si-Based Heterostructures: Materials, Processing and Devices.** Dr. Judy L. Hoyt, Stanford University. Sponsored by Microsystems Technology Laboratories. This is a Special EECS Seminar. Refreshments in Grier Room (34-401B) at 4:00 p.m. 1 hour. Room 34-401B.
- 4:15 p.m. – **What do we (think we) know about dark matter?** Charles Alcock, Ctr. for Particle Astrophysics and Lawrence Livermore National Laboratory. Physics Colloquium. Refreshments in Room 4-339 at 3:45 p.m. Room 10-250.
- 7:00 p.m. – **Food Choices: Personal and Global Impact.** Erik Marcus, Vegan.com. Sponsored by Vegetarian Support Group with Boston Vegetarian Society. Author and lecturer Erik Marcus shines a strong light on how our food choices can affect the environment, world food supply, finite natural resources, animals, and personal health. Room 6-120.
- 8:00 p.m. – **Spring Workshop Performance based upon The Tiresias Legend.** Dramashop's collective exploration of the Greek mythological prophet Tiresias, a blind man with the ability to see the future & decipher the past. Directed by Brenda Cotto-Escalera. Kresge Little Theater.

Friday's Events

- 12:00 p.m. – **Emerson Scholarship Student Recitals.** Youssef Marzouk G, piano, performs Schubert's Piano Sonata in Bb; Jaemin Rhee G, piano, performs

Mussorgsky's Pictures at an Exhibition. Killian Hall.

- 7:00 p.m. – **Orgazmo.** Starring Trey Parker, creator of South Park, Michael Dean Jacobs, and Robyn Lynne Raab. 94 minutes, rated NC-17. Photo ID required. Admission \$2.50. Room 26-100. Sponsor: LSC.
- 7:30 p.m. – **A Night at the Opera.** Starring the Marx Brothers. Cosponsored by the DeFlorez Funds. 90 minutes, not rated. Admission \$2.50. Room 10-250. Sponsor: LSC.
- 8:00 p.m. – **Spring Workshop Performance based upon The Tiresias Legend.** Dramashop's collective exploration of the Greek mythological prophet Tiresias, a blind man with the ability to see the future & decipher the past. Directed by Brenda Cotto-Escalera. Kresge Little Theater.
- 10:00 p.m. – **Orgazmo.** Starring Trey Parker, creator of South Park, Michael Dean Jacobs, and Robyn Lynne Raab. 94 minutes, rated NC-17. Photo ID required. Admission \$2.50. Room 26-100.

Saturday's Events

- 11:00 a.m. – **Sailing Regattas.** Sailing Team regattas held at local venues. MIT, BU, Harvard. Cheer on the Sailing Team or just enjoy a spring day by the river. Boston University. Sponsor: MIT Nautical Association.
- 11:30 a.m. – **Sailing Regattas.** Sailing Team regattas held at local venues. MIT, BU, Harvard. Cheer on the Sailing Team or just enjoy a spring day by the river. MIT-51, Sailing Pavilion. Sponsor: MIT Nautical Association.
- 2:00 p.m. – **You Oughta Be in Pictures.** Join MIT's Student Cable Group for the next general meeting. Learn how you can get involved in television production. Room 9-026. Sponsor: Student Cable Group / MITV, MIT.
- 7:00 p.m. – **Blade.** Starring Wesley Snipes. 120 minutes, rated R. Admission \$2.50. Room 26-100. Sponsor: LSC.
- 7:00 - 8:30 p.m. – **Movements in Time Dance.** Preview of annual performance to be held May 1. Tickets available in advance, April 1-2 at The Source. Admission \$3.00 students, \$4 general admission. Sala de Puerto Rico.
- 8:00 p.m. – **Spring Workshop Performance based upon The Tiresias Legend.** Dramashop's collective exploration of the Greek mythological prophet Tiresias, a blind man with the ability to see the future & decipher the past. Directed by Brenda Cotto-Escalera. Kresge Little Theater.
- 9:00 - 10:00 p.m. – **MITSSS Easter Day Study Break.** Singaporean Students' Society study break. Snacks and refreshments will be provided. Free for all members and graduate students. Burton Conner Dining Hall. Sponsor: Singapore Students Society.
- 10:00 p.m. – **Blade.** Starring Wesley Snipes. 120 minutes, rated R. Admission \$2.50. Room 26-100. Sponsor: LSC.

Sunday's Events

- 9:30 a.m. – **Sailing Regattas.** Sailing Team regattas held at local venues. MIT, BU, Harvard. Cheer on the Sailing Team or just enjoy a spring day by the river. BU. Sponsor: MIT Nautical Association.
- 12:00 p.m. – **Service at common cathedral.** Worship on Boston Common with people who live outdoors and people who live indoors. Make and share peanut butter and jelly sandwiches afterwards. Meet at W11. Sponsor: Lutheran-Episcopal Ministry.
- 4:00 p.m. – **Climate Changes and the Vigour of the Deep-Sea Circulation on Millennial to Milankovitch Time Scales.** Professor I. Nicholas McCave, University of Cambridge. EAPS Department Lecture Series. Refreshments, 3:30 p.m., Ida Green Lounge. Room 54-915. 4:15 p.m. – **Recursive Statistics on Words.** Dr. Jennifer Galovich, St. John's University. Sponsored by Combinatorics Seminar with MIT Department of Mathematics. 1 hour. Refreshments will be served at 3:30 p.m. in Room 2-349. Room 2-338.
- 6:00 p.m. – **Grains of Rice: A Celebration of Asian Cultures.** 11 Asian/Asian-American groups collaborate to produce a multicultural ethnic banquet followed by diverse cultural performances, featuring the professional performance group Here and Now. Admission \$8.00. Walker Memorial. Sponsor: Asian Pacific American Caucus.
- 7:00 p.m. – **Orgazmo.** Starring Trey Parker, creator of South Park, Michael Dean Jacobs, and Robyn Lynne Raab. 94 minutes, rated NC-17. Photo ID required. Admission \$2.50. Room 26-100. Sponsor: LSC.
- 10:00 p.m. – **Blade.** Starring Wesley Snipes. 120 minutes, rated R. Admission \$2.50. Room 26-100. Sponsor: LSC.

Monday's Events

- 3:30 p.m. – **Health Risk of Low Doses of Ionizing Radiation: Damage Versus Adaptation in Complex Biological Systems.** Dr. Ludwig Feinendegen, National Institutes of Health. Dept. of Nuclear Engineering/American Nuclear Society Seminars. 1 hour 30 minutes. Refreshments in Room NW12-222 at 3:00 p.m. Room NW12-222.
- 5:00 p.m. – **Advanced Music Performance Recital: Ole Mattis Nielsen '00, flute.** Advanced Music Performance Recital. Ole Mattis Nielsen '00, flute. Killian Hall.

Listings also available on the web at
<http://tech-calendar.mit.edu>

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Wednesday, April 14, 8:00 pm

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Concert Tickets Sell Quickly on First Day

By Kristen Landino
ASSOCIATE NEWS EDITOR

First day sales for this year's Spring Weekend Concert featuring rap artist Busta Rhymes totalled 850, eclipsing all of last year's ticket sales for the annual event.

"Judging from the campus response, this looks to be one of the most successful Spring Weekend concerts in a long time. Busta Rhymes seems to have been a good choice for a performer," said Kartik M. Mani '00, one of the principal organizers for MIT's Spring Weekend.

Peak ticket sales occurred during the lunch hour, when students formed long queues at The Source in the Student Center waiting for tickets.

"I like his music. Busta Rhymes is the best musician we have had perform on campus since I have been here. For ten dollars, it is definitely worth it," said Fritz Pierre '00.

"I think he's kind of cool. I don't even like rap music, but I'll show up to see Busta. He's crazy," said Peter A. Jenkins '01.

Tickets are on sale at The Source in the Student Center for \$10 with the presentation of an MIT student ID card. Students are limited to the purchase of four tickets at a time.

Students from other colleges are allowed to purchase tickets, however they must pay \$15 for each ticket.

"The Busta Rhymes Concert has not yet been publicized to other colleges in the area. We expect to do so in the coming weeks," Mani said.

Promotion for ticket sales included Busta Rhymes music played outside the Student Center, as well as a booth distributing infor-

mation about the upcoming spring weekend activities.

Spring Weekend is scheduled to begin on Thursday, April 22 and end on Saturday, April 24.

Other weekend activities

Aside from the Busta Rhymes concert on Friday, the weekend is also set to include a spring carnival on Saturday. The carnival will include rides and games in Kresge oval and will incorporate many student groups.

The Alpha Phi sorority will hold an Alpha Phlea Market and the Order of Omega, a leadership honor society, will help promote their community service project SCORE which helps MIT students to get involved with Boston area service projects.

Spring Weekend will conclude with MIT Unplugged, a series of activities to be held in the student center, as well as a party organized by MIT's Dance Mix Coalition.

Busta Rhymes cost \$30,000 to hire for his performance. The primary funding for the concert came from the large event fund allocation which is part of the \$300,000 administration grant given to the Undergraduate Association last spring to promote student activities at MIT.

Funding for spring weekend activities including the Busta Rhymes concert has been made possible through grants from the UA, the Campus Activities Complex, Dormitory Council, and the Chinese Students Club.

The chairs for the spring concert are Rita H. Lin '00, Anish S. Parikh '01, and Mani S. Mahjouri '00. Spring Weekend co-chairs are Mani, Michelle Hardiman '00, and Pubudu Wariyapola G.

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Discipline and Grades Reports Presented at Faculty Meeting

By Zareena Hussain
EDITOR IN CHIEF

A total of only four cases came before the Institute's Committee on Discipline during the 1997-98 academic year, according to a report of disciplinary actions taken by MIT presented at the Mar. 17 faculty meeting.

Dean for Student Life Margaret R. Bates presented the statistics along with statistics about hearings that came before the Office of the Dean of Students and Undergraduate Education as well as administrative reviews. These statistics are made public to the MIT community as part of policy instituted five years ago to inform the faculty about discipline cases heard by the Institute.

Three of the cases which came before the COD last year involved academic misconduct. One student was put on informal probation for plagiarism and two students were given two terms of formal probation for cheating. The fourth case involved violation of Athena rules of use and privacy. The student was put on formal probation and offered counseling.

Two discipline cases were heard by a hearing panel withing ODSUE instead of the COD. In one case, charges of sexual harassment brought by one student were dismissed. In another case, a sanction of internal probation was handed down against a student for violation of Athena rules of use after a complaint was filed by three other stu-

dents.

When cases are brought to the attention of ODSUE, a program administrator consults with the chair of the COD and the Dean of Students and Undergraduate Education to decide whether the case is heard by the COD directly or by an ODSUE hearing panel.

The hearing panels consist of three trained members of ODSUE as well as one undergraduate and one graduate student representative.

Four cases deemed less serious were brought before administrative review. Administrative reviews are heard by an ODSUE dean and one student.

In three cases, students were charged with breaking and entering into heating and ventilation systems and were required to write letters of apology. In a fourth, the Church of Scientology filed a complaint against a student for vandalism of church property. The student was ordered to pay full restitution and do community service.

Faculty to vote on +/- grading

The Committee on the Undergraduate Program subcommittee reviewing the grading system recommended the permanent adoption of the current grading scheme. The recommendation stems from an evaluation of the three-year experiment involving the use of internal plus-minus modifiers, and it will come before a vote at the faculty's

April meeting.

Subcommittee chair Paul A. Lagace '78, co-director of the Leaders for Manufacturing Program, presented findings that use of modifiers externally would have negligible effects on student grade point averages. Approximately 33 percent of students would witness a 0.1 decrease in GPAs and only four percent of students would witness a 0.1 point increase in their GPAs.

The committee also assessed the use of internal modifiers by professors. It found that modifiers were used in 75 to 80 percent of undergraduate subjects and 55 to 60 percent of graduate subjects.

Additionally, according to surveys, 70 percent of students and 85 percent of faculty felt that internal grade modifiers provided better feedback to students.

The committee also reported that 90 to 95 percent of students did not report internal modifiers externally and only about five percent of the time were students asked to do so.

The committee also polled faculty and students about their views on the effect grade modifiers had on overall academic pressure on students. Whereas over 90 percent of students felt that external grade modifiers would result an increase in academic pressure, only 34 percent of faculty felt the same way.

The next faculty meeting will be held on Wednesday, Apr. 21 in 10-250.

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Monday April 5, 1999

7:30pm

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Science Fiction Writers Share Their Work

By Adam Brown
STAFF REPORTER

Neil Gaiman and Craig Shaw Gardner spoke in Rm. 10-250 last Thursday as part of the Readings in Science Fiction lecture series sponsored by the Media In Transition project and the Program in Writing and Humanistic Studies.

Gardner, known for his fantasies *Revenge of the Fluffy Bunnies* and *The Changeling War*, which he described as "The movie *Pulp Fiction* meets *Lord of the Rings*", read a short story titled "Good Repair", about a man seemingly mugged by a computer repairman who is testing a simulation.

Gaiman, famous for his work on the Sandman series of comic

books published by DC Comics, mentioned that noted horror writer H.P. Lovecraft based his setting Miskatonic University on MIT, and read a parody of Lovecraft's "The Shadow Over Innsmouth" entitled "Shoggoth's Old Peculiar" from his anthology *Smoke and Mirrors*.

The story involved an American tourist named Ben Lassetter taking a walking tour of the British coastline, which he would not recognize if it were to "dance through his bedroom at the head of a marching band singing 'I'm the British coastline' while accompanying itself on the kazoo," Gaiman said.

Speakers address questions

After the stories, the audience

asked the speakers a variety of questions. Both guests were asked about the fans who use characters from their work as divine images. Both authors expressed the sentiment that it was out of their hands once the words were on the page, and Gaiman went on to relate the story of a murder that appeared to be related to or inspired by his work on the Sandman comics.

When asked what advice he had for prospective writers, Gardner recommended that stubbornness and stupidity served him well in trying to find publication. Gaiman said that journalism was a good place to start, as it taught one to write to a deadline. Quoting Ray Bradbury, he said that "you have a million words of garbage in you" and that journalism

was as good a way as any to release them.

Neil Gaiman also told stories relating to his being asked to write a script for a translation of a Japanese anime movie, which he seemed to find both wonderful and frustrating. He also related an incident during the British Broadcasting Company production of a miniseries based on his novel *Neverwhere*, when the budget at the BBC forced them to use a cow named Albert for "The Great Beasts of London."

Gardner is continuing his series *The Changeling War* under a pseudonym, and Gaiman is working on a movie version of *Neverwhere*, as well as a movie based on the Sandman series.

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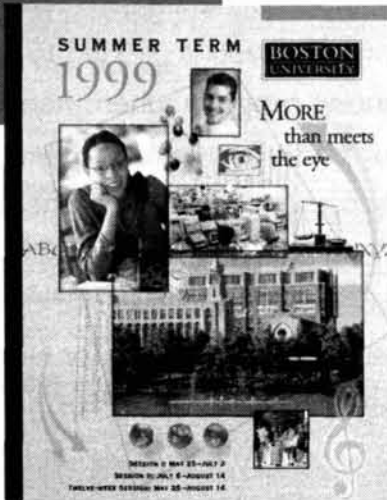
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Michael Crowley
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Friday, 4.2.99
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Michael Albert '69
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Saturday, 4.3.99
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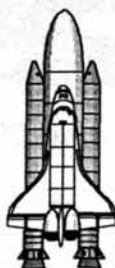
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If you are a:	You may qualify for:	Co-Sign ¹
Senior	Senior special ² Low interest, long term financing	No
	College graduates ¹ low interest, long term financing	
	Low interest, long term financing	Yes
1 year deferred (interest only ³) payment followed by equal installments up to 4 years ³		
Junior	Low interest, long term financing	Yes
	2 year deferred (interest only ³) payment followed by equal installments up to 4 years ³	
Sophomore	Low interest, long term financing	Yes
Freshman	Low interest, long term financing	Yes

Low Cost of Ownership.

Most cars will cost you a lot of money every year on maintenance. Not Daewoo. With our amazing regular scheduled maintenance program, you won't pay anything extra for the first 3 years.* That's right. Zilch. Even brake pads and wiper blades are included. And to make it even easier, we have hundreds of friendly service centers throughout the country for your convenience. Daewoo takes care of so many things, about all you have to do is just add gas.

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You're also getting a great investment if you buy a Daewoo before 6/30/99. Because when you're ready to trade-in your used Daewoo for a new Daewoo, we'll match the trade-in value to the best selling car in its class.** It's a guaranteed way to get the most value out of your car. And it's only available from Daewoo. And only for college students. To learn more about Daewoo, stop by a Daewoo Store or talk to a Daewoo Campus Advisor. And find out how easy it is to finish your four years on four wheels.



Lanos™ SE 4-door Sedan

Crib Sheet

- Regular scheduled maintenance covered for the first 3 years/36,000miles
- Guaranteed trade-in value
- 3-day test drive[†]
- Special college financing
- Well-equipped at no extra charge
- No hassle pricing
- Insurance Answer Center^{††}
- 24-hour emergency roadside assistance for 3 years/36,000miles^{†††}

Lanos vs. Chevy Metro	Daewoo Lanos SE 4DR	Chevy Metro LSi 4DR
Manufacturer's Suggested Retail Price [‡]	\$11,700	\$11,427
Manufacturer's Equipment		
3-Year Scheduled Maintenance Covered	Yes	No
AM/FM Stereo w/Cassette	Yes	Pkg. ⁺
Automatic Transmission	4-speed	3-speed
Power Windows	Yes	No
Power Door Locks	Yes	\$220
Car Alarm w/Remote Keyless Entry	Yes	No
Air Conditioning	\$700	Pkg. ⁺
Power Steering	Yes	Pkg. ⁺
Comparably-Equipped Price ^{##}	\$12,400	\$13,312

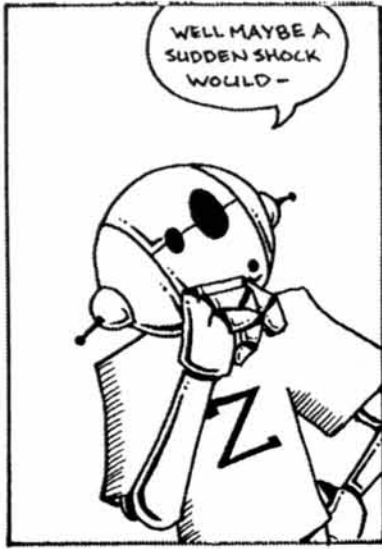


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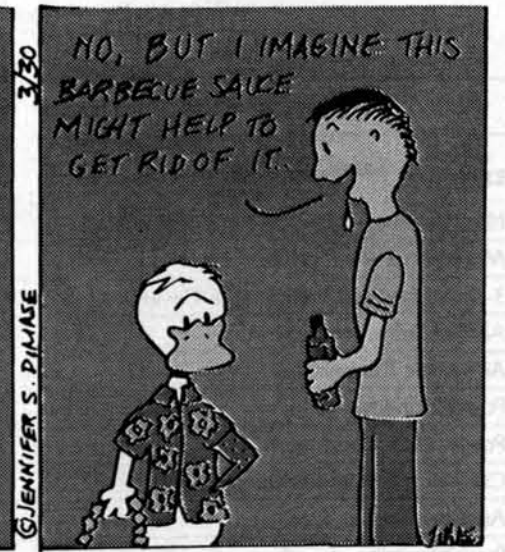
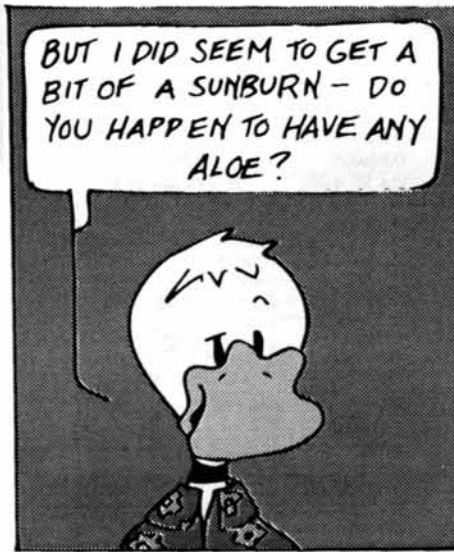
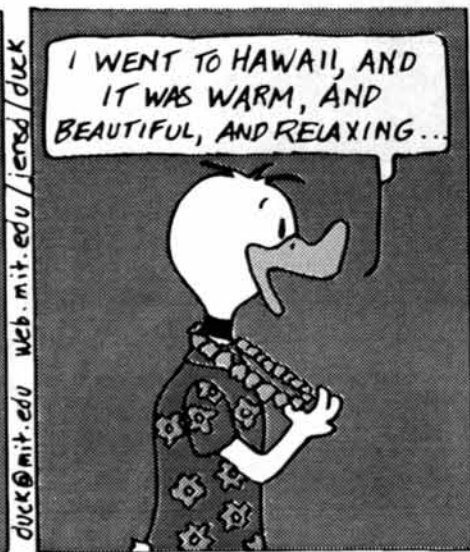
HAND ON A PLANE

by XID



Down with Science

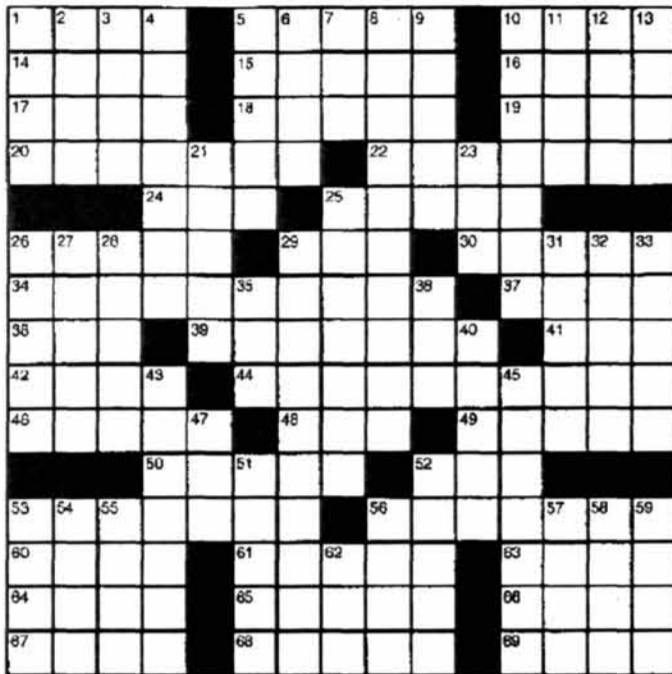
by Jennifer DiMase



ALE SMITH'S OWN
HARVARD BRIDGE



Crossword Puzzle



ACROSS

- 1 Suffer stiffness
- 5 Fang
- 10 Feds
- 14 Cajole
- 15 Gem State
- 16 Hawkeye State
- 17 Cinder ending?
- 18 Two-wheelers
- 19 Felt regret
- 20 German cake
- 22 One of the Three Furies
- 24 Black goo
- 25 Boyfriends
- 26 More washed out
- 29 Tax grp.
- 30 Sample house
- 34 Loss of vigor
- 37 Theater section
- 38 Moral misdeed
- 39 City on the Rhone
- 41 Vein to mine
- 42 Elevator man
- 44 Rearranged letters
- 46 December VIP

DOWN

- 1 Top cards
- 2 Stable youngster
- 3 Ring of saints
- 4 Praise singer
- 5 Rome's river
- 6 Norse Zeus
- 7 Ridge Boys
- 8 TV show tunes
- 9 Old Testament book
- 48 Harris and Asner
- 49 Chooses actors
- 50 Venerate
- 52 Be a buttinsky
- 53 Saint ___ of Avila
- 56 Perform again
- 60 Boxing trophy
- 61 Eavesdropper
- 63 Partner
- 64 Asian sea
- 65 Where the Po flows
- 66 Leo's bellow
- 67 Actress Russo
- 68 Sen. Kefauver
- 69 Graphic opening?

ACROSS

- 10 Fire coal
- 11 Pouting face
- 12 Water pitcher
- 13 Nothing in Nogales
- 21 Newly hatched stage
- 23 Plant secretion
- 25 British fire department
- 26 Cost of a taco
- 27 Playwright Loos
- 28 Last name in Communism
- 29 Wanderers
- 31 Destines to an unhappy end
- 32 White heron
- 33 City on the Aire
- 35 Gardner of "Mogambo"
- 36 Negative conjunction
- 40 Mother-of-pearl
- 43 Astonish
- 45 Buddy of Dobie Gillis
- 47 Summertime

DOWN

- quaff
- 51 Ruby Dee's husband
- 52 Noted diarist Samuel
- 53 Ski lift
- 54 In this place

DOWN

- 55 Pizzazz
- 56 Part to play
- 57 Cosmetics' ingredient
- 58 Littleneck, e.g.
- 59 Beginner
- 62 Feedbag morsel

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Today's Solution



SAVE A LIFE!



MIT Blood Drive

Wed March 31th
1pm - 7pm
◇
Thu April 1st
1pm - 7pm
◇
Wed April 2nd
11am - 4pm

MIT Campus Police GOING ONCE...GOING TWICE...

BICYCLE AUCTION

WHEN: Wednesday, March 31, 1999
NOON time

Viewing will be from 11:15 to 11:45.

THE AUCTION WILL BEGIN AT NOON

WHERE: Between W15 and W16
Chapel turnaround / Amherst Alley

Most bicycles are in need of some repair. There are some mountain style bicycles. You must be a member of the MIT community and present a valid MIT ID to participate. Cash and checks accepted.

MIT CAMPUS POLICE
CRIME PREVENTION UNIT

Does your *calculus* class demand electronic countermeasures?

...just infiltrate the software section of your campus bookstore.



Subtle Incidents Form 'Pattern Costly to Women'

Bias, from Page 1

ulty often felt "marginalized and excluded from a significant role in their departments", and that such discrimination affected senior faculty far more than junior faculty. This led to female faculty enjoying less influence, space, resources, and salary.

"These women only cared about their science," Hopkins said. With the high costs involved in research, full access to resources is a top priority, Hopkins said.

Hopkins also noted that isolated cases within the departments did not seem particularly discriminatory. However, the sum of many such cases demonstrated a "pattern costly to women," Hopkins said.

Committee release series of reports

Shortly after its formation, the committee submitted its preliminary findings to Dean of Science Robert J. Birgeneau in 1995 flagging incidents of discrimination. According to the final report released last week, immediate action was taken at that time "to redress inequities to senior women faculty" regarding space, resources, and salary. It also quoted several female faculty who

praised the dramatic improvements in the School of Science.

In 1996, the committee had submitted an interim report to the administration that made a number of recommendations for improving equity in the School of Science. The report called for actively employing female faculty in more influential department positions, as well as a review of salary data. In addition to recommending a general state of awareness regarding discrimination, the report called for an increased number of female faculty. Since 1985, women have never accounted for more than nine percent of the school's faculty.

With the study completed for the School of Science, there is talk of similar plans for the Institute's other schools, Potter said. Deans will meet with committee members and Provost Robert A. Brown today to discuss future plans. Potter said she hopes that the meeting will foster ideas on how to extend the program to other schools, especially considering the publicity generated by the School of Science study.

Potter and Hopkins noted that both they and the deans are hearing from institutions throughout the world, and that similar problems are

common in academia. "The e-mails tell us this is a universal problem," Hopkins said.

The study began informally in 1994 with a meeting of senior women faculty called by Hopkins. "We were just sharing experiences and impressions," Potter said. The professors found enough consensus to merit approaching the administration, Potter said.

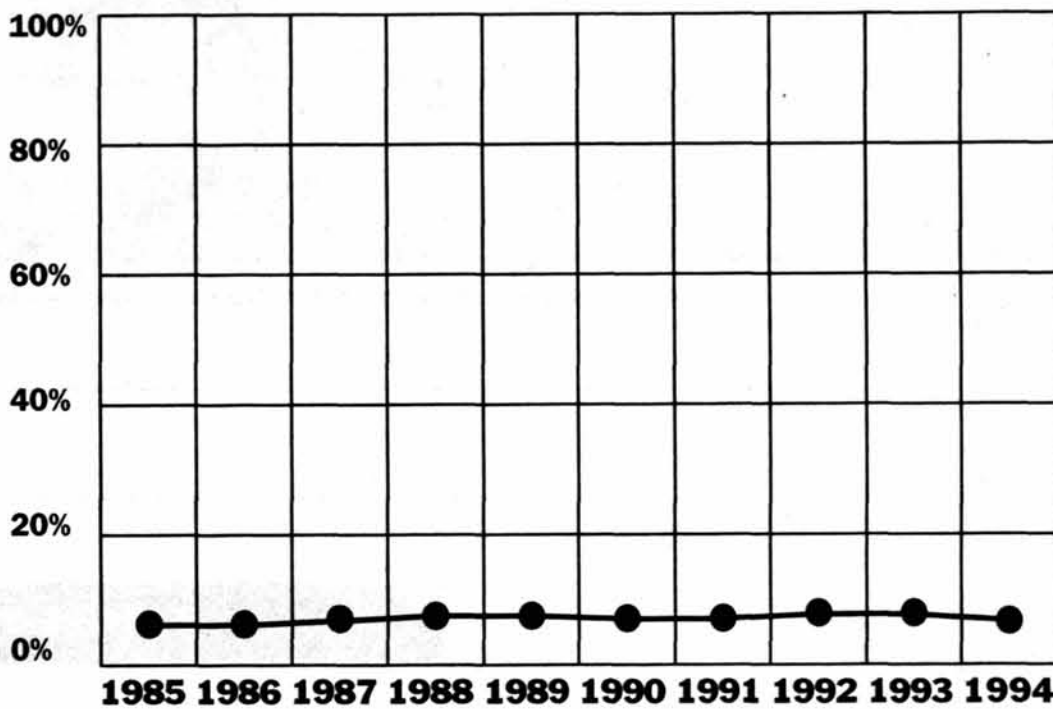
Group formed in 1994

The group submitted their proposal to Birgeneau in August of 1994, and the committee was formed from female science faculty and department heads shortly thereafter. The first committee submitted a confidential report to the dean, as

"the idea was not to generate a public report in general," Potter said.

The final public report did not contain much of the detailed data the committee collected, but rather public information on female faculty, Potter said. Hopkins noted that the first report contained far too many specific cases for the administration to take action.

Percentage of Women Faculty in the School of Science



Gender Distributions of Science Faculty — 1985-1994

Gender	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994
Female	18	18	21	24	23	22	24	24	22	22
Male	257	255	273	272	265	267	261	253	253	252
Total	275	273	294	296	288	289	283	277	277	274
% Female	6.5%	6.6%	7.1%	8.1%	8.0%	7.6%	7.8%	8.7%	8.7%	8.0%

SOURCE—MIT FACULTY NEWSLETTER



KRZYSZTOF GAJOS—THE TECH

Professor of Biology Nancy H. Hopkins



GARRY MASKALY—THE TECH

Professor of Brain and Cognitive Sciences Mary C. Potter

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Mail to:
Tufts Summer Session
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MIT to Hold Lottery For Speech Tickets

Premier, from Page 1

Organization, according to *The Washington Post*.

Tickets available via lottery

The event will be open to students and tickets will be distributed via a lottery. Details of the lottery will be available tomorrow's issue of *Tech Talk*, according to Kenneth D. Campbell, director of the MIT News Office.

Campbell said that the News Office is "trying to make the maximum number of seats available" to students by attempting to "limit media access." Campbell said that national and international press agencies are expected to cover the event but their presence in the auditorium will be limited to make more seating available to students. CNN will televise the speech which will also be carried by closed circuit television in several locations around campus, according to

Willmore.

Students may not meet Zhu

When President Clinton spoke at last year's commencement he met with several student leaders. It may not be possible for Zhu to meet with students on this visit, however, due to scheduling concerns.

Willmore said that planners were still trying to determine if such meetings would be possible but said that this visit was on a "tighter schedule" than President Clinton's visit. Paul T. Oppold '99, president of the Undergraduate Association, said that he had not been contacted to meet with the premier.

A small group of administrators and donors is scheduled to meet with Zhu, however.

The visit of China's president, Jiang Zemin, to Harvard in November of 1997 was marked by numerous protests. Willmore said that she expected that this visit will also produce protests.

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EGG DONORS NEEDED! Desperately wanted by infertile, hopeful parents. All races needed. Ages 21-30. Compensation \$3,500. Please Call OPTIONS National Fertility Registry (800) 886-9373

\$2000 Compensation Be a part of cutting edge medical breakthroughs - fastest growing specialization: Infertility - Helping couples become parents. Seeking women between ages 21-34 to donate eggs. Simple process. Highly confidential. Significant compensation for short period of time. Interested parties who wish to be included are encouraged to respond as soon as possible. Contact: JOAN 781-944-7813

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Legal Problems? I am an experienced attorney and an MIT graduate who will help you resolve your legal problems. My office is in downtown Boston, accessible by MBTA. Call Esther Horwich at 523-1150.

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\$5 per insertion per unit of 35 words.



Miodrag Cirkovic—THE TECH

One of several protests worldwide against NATO bombings against Yugoslavia took place last Saturday at Copley Place, Boston.

authors@mit

a series of talks & readings

Embracing Defeat: Japan in the Wake of WW II
John Dower

Thurs, April 1 5:30 pm Humanities Library

Hayden Memorial Library, MIT, second floor, 160 Memorial Drive, Cambridge
cosponsored by the MIT Japan Program

John W. Dower is Elting E. Morrison Professor of History at MIT.

Embracing Defeat: Japan in the Wake of World War II is published by W. W. Norton (cloth).

Here the distinguished historian of modern Japan casts his eye on the immediate aftermath of World War II. Drawing on a vast range of Japanese sources, this new study illuminates how shattering defeat followed by over six years of American military occupation affected every level of Japanese society in ways that neither the victor nor the vanquished could anticipate.

Direct from Dell

Michael Dell

Tues, April 6 2 pm MIT 26-100

MIT 26-100, (enter at 50 Vassar Street), Cambridge
cosponsored by the MIT Laboratory for Computer Science's Distinguished Lecture Series

Michael Dell is the Chairman and Chief Executive Officer of Dell Computer Corporation.

Direct from Dell is published by Harper Collins (hardcover).

Michael Dell himself tells the incredible story of Dell Computer's successful rise, beginning in his college dorm room with \$1,000 in capital, to an \$18 billion company, the second-largest manufacturer and marketer of computers in the world. Dell Computer is the envy of its competition, consistently growing at five times the industry rate, and a perennial darling of Wall Street: its stock is up more than 36,000 percent this decade, and more than 200 percent in the last year alone.

The Uncertain Sciences

Bruce Mazlish

Wed, April 7 5:30 pm Humanities Library

Hayden Memorial Library, MIT, second floor, 160 Memorial Drive, Cambridge

Bruce Mazlish is Professor of History at MIT.

The Uncertain Sciences is published by Yale University Press (hardcover).

One of the most esteemed cultural historians of our time turns his attention to major questions about human experience and the attempts to understand it "scientifically." Mazlish constructs a new view of the nature and meaning of the human sciences.

Info: 617 253-5249 or authors@mit.edu All events are at MIT and are FREE, open to the public and wheelchair accessible. Books are available for sale at a discount the week of the event. Signed copies may be ordered in advance.

sponsored by MIT Libraries & The MIT Press Bookstore

SPRING 1999 CYCLES SURVEY

Tell us about the quality of your life:
your academic and residential experience,
social opportunities, access to services . . .

Disagree
THIS YEAR, how satisfied have you been with:

	Very Dissatisfied	Dissatisfied	Satisfied	Very Satisfied	No Basis for Judgment
your overall experience at your college/university?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your academic experience?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the accessibility of faculty members?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your academic advising?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your residential experience?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the residential life office?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the opportunity to meet students from other residences?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the student governance system?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
security on campus?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your social life?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
cultural activities (e.g., lectures, concerts)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your on-campus jobs?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the career development office?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
sense of community on campus?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the administration in general?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
counseling services?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
dining services?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the financial aid office?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
your financial aid package?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
student health services?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
resources (e.g., books, journals) in the libraries?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
services provided by the libraries?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the registrar's office?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
size of classes?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
availability of courses?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
the controller's office (student accounts)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
on-campus study opportunities?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
foreign study opportunities?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
athletic facilities?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
athletic program?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

For more information contact:
Bea Frain
Planning Office, 12-156
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Fill out your survey on the web at:
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Undergraduate

•call for applications•

the Council for the Arts at MIT

ARTS SCHOLARS PROGRAM

A program open to sophomores, juniors and seniors, regardless of major

Application Deadline: Monday, April 12, 1999

- Who are the Arts Scholars? A community of MIT undergraduate artists, from all disciplines
- Who should apply? Students who are committed to work in one or more disciplines in the arts and who wish for more interaction with fellow student & faculty artists
- What is the program? The program is structured around informal monthly dinners accompanied by presentations or excursions. Presentations may be given by faculty members, MIT artists-in-residence, fellow students or Boston-area artists
- When does the program start? The full 1999-2000 program will begin in September 1999
- Students may apply to the program by completing and submitting an application form that includes a brief essay describing the student's involvement in the arts, and his/her interest in participating in the Arts Scholars Program. Also required are:

- 2 letters of recommendation - one from an MIT faculty member familiar with the applicant's artistic work
- Interview with two selection committee members

Application forms are available at 3-234 and E15-205, Mon-Fri 9am - 5pm.

For more information contact cohen@media.mit.edu or call 253-4005

The Coop Guide to Commencement

Caps and Gowns March 29th - April 10th Attention Graduates!

Come to the School Supplies Department at the MIT Coop at Kendall Square to reserve your cap and gown. Reservations begin March 29th and run thru April 10th. Reserve your cap and gown early.

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POLICE LOG

The following incidents were reported to the Campus Police between Feb. 25 and March 24. Information is compiled from the Campus Police's weekly crime summary and from dispatcher logs.

The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

Feb 25: Boston, Saferide van and taxi involved in minor vehicle accident; Boston, assist Boston University Police, Lambda Chi Alpha, report of streakers as an annual event; Vassar St. minor vehicle accident involving a Facilities truck; Barker Library, wallet stolen, \$30 cash; assist Cambridge Police on Main St., truck fire; Lobby 7, report of persons soliciting in Lobby 7, same had left area prior to CP's arrival; West parking lot, vehicle operating erratically.

Feb 26: Boston, Sigma Nu, report of suspicious activity; Bldg. 8, report of vehicle idling, same had left area prior to CP's arrival; Bldg. 10, report of TV stolen, same had been misplaced; Dewey Library, report of wallet stolen, \$30 cash; Binney Street, assist MIT Housing with a housing problem; Memorial Drive by Walker Memorial, disorderly person; Boston, Student House, student approached by suspicious male; Hayden Library, jacket stolen, \$180.

Feb 27: Westgate, report of illegally parked vehicle; Vassar St. person acting suspiciously, checked out okay; Bldg. 10, report of suspicious activity, checked out okay; MacGregor House, report of unknown odor, believed to be someone smoking; Bldg. 4, suspicious male issued a trespass warning; Mass. Ave. bus stop by Student Center, homeless man fell off bus, same transported to shelter; Sloan Lot, vehicle questioned for improper activity.

Feb 28: Kresge Lot, car windshield cracked; Amherst St., taxi operating erratically. E19, report of male acting suspiciously, same had left area upon CP's arrival; Bldg. E17, Matthew Mankins, of 274 Windsor St., arrested for trespassing.

Mar 1: Bldg. E17, report of suspicious female, unable to locate; Pacific Lot, attempted larceny of '91 Toyota; Walker, flags and food stolen \$60; assist Cambridge Police, report of 911 hang-up call at Bldg. E19, no cause found; Bldg. E17, checks stolen; assist Cambridge Police on Mass and Albany Streets on a motor vehicle stop. Student Center, report of an assault and battery with a dangerous weapon - metal book holder, between two students; Westgate, report of illegal activity on credit card; Bldg. 26, male and female acting suspiciously, issued trespass warning; Burton, noise complaint.

Mar 3: Bldg. NW10, homeless person, escorted to shelter; Student Ctr. suspicious male, trespass warning issued; Bldg. E15, laptop computer stolen \$500; assist State Police on Memorial Dr. with a motor vehicle accident; assist Cambridge Police with a 911 call from Bldg. 24, no cause found; assist Cambridge Police with a disturbance at Mass. Ave. and Albany St. situation under control.

Mar 4: Memorial Dr., assist State Police with a domestic situation; Bldg. NW16, four homeless persons assisted to shelter; rear of Bldg. NW10, arrest of juvenile for possession of a narcotic; Student Ctr., report of male exposing himself in the reading room; Bldg. N51, camera and equipment stolen \$1,450; Pacific Annex Lot, '95 Mazda broken into, nothing missing; Tang Hall, microwave oven stolen, unknown value; Westgate, computer monitor stolen, \$300.

Mar 5: Student Ctr., Jonathan Plourde, of 1 Water St., Haverville, taken into custody on an outstanding warrant; MacGregor, complaint of loud music; Burton, suspicious male, issued trespass warning; Tennis Bubble, person refusing to leave area; rear of W89, two suspicious persons stopped and issued trespass warnings; Bldg. 1, report of threats.

Mar 6: Burton-Conner, report of a fight; Bldg. E1, Tom Zeller, of 111 S. Russell St., Boston, placed under arrest for trespassing; Student Ctr., James Reynolds, of 21 Sheridan Ave., Medford, placed under arrest for trespassing; Bldg. 24, call received from an emergency phone alleging suicide, thorough check of several areas, unable to locate person; East Campus, 1) noise complaint; 2) report of suspicious person, same had left area prior to CP's arrival; Tang Hall, Abid Hameed, of 205 Bay State Rd., Boston, arrested for disorderly conduct; Westgate, report of suspicious activity; Bldg. 2, suspicious male issued trespass warning.

Mar 7: Bldg. 24, report of suspicious activity; Boston, Delta Upsilon, 1) noise complaint; 2) party problem; Memorial Dr., assist State Police with a motor vehicle accident; Bldg. 2, suspicious male, issued trespass warning; Ashdown, report of suspicious person in dorm room; Bldg. 7, suspicious person, same checked out okay.

Mar 8: Bldg. 7, report of juveniles carrying sign, same gone upon arrival; PIKA, student problem; Bldg. 1, annoying phone calls; Bldg. 33, annoying mail; Bldg. 48, monitor stolen, unknown value; East Campus, malicious damage to fire door handle; Bldg. W31, annoying e-mail; Bldg. W31, student problem; Hayden, report of backpack stolen, same was misplaced.

Mar 9: Bldg. NW16, attempted larceny of copper; W34, report of person smoking, same extinguished upon CP's arrival; Memorial Dr., assist State Police with a vehicle broken into and radio removed; Bldg. 7, passport stolen; Faculty Club, wallet stolen, \$10 cash, later recovered minus cash.

Mar 10: Memorial Dr. and Vassar St., assist State Police with motor vehicle accident; Bldg. 24, pocketbook stolen credit cards and \$30 cash; Pacific St. and Sidney St. assist Cambridge Police, motor vehicle accident; Bldg. E55, grease fire, same extinguished by occupant; East Campus, harassing phone call; Student Ctr., suspicious activity; Amherst St., motorcycle violation; Bldg. E51, unregistered event, no alcohol; assist Cambridge Police with 911 hang-up, no cause found.

Mar 11: Student Center, 1) cell phone stolen, \$400; 2) James Reynolds, of Medford,

arrested for trespassing and disorderly conduct; Bldg. 57, bicycle stolen, \$100; Bldg. NW14, suspicious vehicle, checks out okay; McCormick Hall, report of 3 individuals attempting to gain entry, same left area prior to CP's arrival; Tang Hall, noise complaint.

Mar 12: Mass. Ave. and Albany St., a juvenile and an adult were arrested for spray paint/graffiti; Bldg. 66, CD recorder stolen, \$400; duPont mens' locker room, locker broken into and \$40 cash stolen; Boston, Theta Xi, billing dispute with Safe Cleaning of New England; Memorial Dr. assist State Police, vehicle broken into and radio stolen; Albany St., report of homeless person in street causing traffic problem, same was gone upon CP's arrival.

Mar 13: Ashdown House, report of suspicious person, check of area no complaint no suspicious person; Bldg. W59, report of suspicious vehicle; Bldg. N52, Cambridge Police assist with a report of suspicious activity; Westgate, report of homeless man, same transported to shelter; Bldg. 2, suspicious activity, trespass warning issued; Bldg. 26, report of suspicious male; Bldg. 8, noise complaint; Bldg. 6, report of homeless person.

Mar 14: East Garage Annex, brief case stolen from car, \$480; Bldg. 7, homeless person issued trespass warning and escorted from building; Senior House, 1) keys stolen; 2) laptop computer stolen later recovered \$3,000; 3) CD player, keys backpack and \$662 cash stolen, backpack later recovered; 4) keys stolen; Alpha Tau Omega, threats between persons known to each other, investigation lead to the issuance of alcohol citation of Category 1 - under 21 possession or consumption of alcohol; Bldg. 13, report of suspicious activity; Bldg. E53, suspicious person, issued a trespass warning; NW10 @ Cross St., check on person, same checked out okay.

Mar 15: Bldg. 26, bicycle stolen, \$100; Phi Delta Theta, fraternity problem involving another fraternity; Bldg. W32, report of suspicious persons, same gone upon CP's arrival; Bldg. 66, report of person attending seminar, same checked out okay; McCormick, report of suspicious person; Student Center, report of suspicious persons; Senior House, small wallet stolen sometime in January, \$5.

Mar 16: Bldg. N51, room entered and video camera and \$25 cash stolen, video camera later recovered; Student Center, complaint of harassment, subject left area prior to CP's arrival; Bldg. E51, report of laptop stolen, 3 male suspects seen leaving area. Individuals were stopped, and checked out okay. No laptop in their possession, victim could not provide information on laptop; Bexley, cable box stolen, unknown value; Bldg. NW13, jack to move pallets stolen, \$2,000.

Mar 17: Bldg. 48, monitor stolen, \$1,000; Bldg. 39, truck damaged ceiling of underpass; Bldg. 10, annoying mail; Bexley, wallet stolen, \$20; Walker, 1) bicycle stolen, \$130; 2) bicycle stolen, \$120, W11, bicycle stolen sometime since January, \$110; Galleria Mall, assist Cambridge Police with an incident; Sidney St., Cambridge Police assisted MIT with individuals carrying copper, same issued trespass warning; Bldg. 26, backpack stolen, \$230; East Campus, harassing phone call; Student Center, suspicious activity, same checked out okay; Memorial Dr. assist State Police with motor vehicle accident; Amherst Alley, vehicle stopped for excessive speed.

Mar 18: Bldg. 66, annoying mail; Bldg. N52, room broken into and \$20 cash stolen; Pacific St. assist Cambridge Police, complainant reports being assaulted by a homeless person; Bldg. 10, report of person soliciting credit cards, person checked out okay; Bldg. W31, suspicious person issued trespass warning.

Mar 19: Bldg. 7, 1) pocketbook and credit cards stolen, \$30; 2) laptop and other items stolen, \$2,700; 3) camera stolen from backpack \$150; Bldg. NW61, CP observed three suspicious individuals, all issued trespass warnings; West Garage, vehicle broke into and car stereo equipment stolen, \$1,200; Bldg. E38, wallet stolen, \$10 cash and \$640 charged to victims credit card; duPont mens' locker room, wallet stolen, \$60 cash, and attempts to use credit card reported at several local stores; Bldg. 10, checkbook and computer discs stolen from backpack, \$80; Random Hall, report of a fight outside front of building, MIT and Cambridge Police respond, all subjects gone upon police arrival; Kendall Square, assist Cambridge Police for a report of a man with a gun, area checked gone upon police arrival; Bldg. 3, report of a hack; Student Ctr. report of suspicious person, issued trespass warning; Bldg. 7, report of suspicious person asking students for IDs, same was gone upon CP's arrival.

Mar 20: New House, report of party problem, all brought under control without incident; Memorial Dr., assist State Police, motor vehicle accident; East Campus, harassment; Baker, larceny by credit card \$450; Bldg. 6, chemical spill; Bldg. NW14, suspicious activity; Mass. Ave. @ Bexley, assist Cambridge Police with a 4 car accident; Bldg. E15, suspicious person, same checked out okay; Student Ctr., suspicious person, trespass warning issued.

Mar 21: CRA lot, malicious damage to attendants booth; LaVerde's report of suspicious activity; Bldg. 26, report of suspicious person, same checked out okay.

Mar 22: Bldg. N51, past larceny of slides, unknown value; Bldg. 4, Athena Chair stolen, \$180; Main St. and Vassar St. assist Cambridge Police with a pedestrian struck by a vehicle; Bldg. NE43, wallet and credit cards stolen; Bldg. E10, wallet stolen, \$40 cash and credit cards; Vassar St. assist Cambridge Police with an assault and battery.

Mar 23: Bldg. E25, larceny by telephone call, \$132; Student Center, male arrested for trespassing; Albany St. assist Cambridge Police with a fight between homeless persons; Albany Lot, report of damage to vehicle, unable to locate vehicle owner; Albany Garage, report of '90 Buick LeSaber stolen; Bldg. 9, suspicious person issued trespass warning; Bldg. E32, suspicious person, gone on arrival of CPs; Bldg. E23, 1) \$80 cash, keys and stamps stolen; 2) report of suspicious female seen in area of previous thefts; 3) credit card stolen, \$1,000 charged on same; Bldg. 18, chemical spill, one injury.

Mar 24: 33 Mass. Ave. bicycle rack, \$200 bicycle stolen; Student Center, bag containing cell phone and CD player stolen, \$470.

Do your part this spring.

The American Red Cross Blood Drive
Wednesday through Friday
La Sala de Puerto Rico

Sponsored by TCA

More information: <http://web.mit.edu/~aongg/blooddrive.html>

This space donated by The Tech

fool•proof \ 'fül-'prüf\ adj: so simple, plain,
or reliable as to leave no opportunity
for error, misuse, or failure <a ~ plan>

Don't be a fool! Come to...

Civil and Environmental Engineering
Freshman Open House

Thursday, April 1, 1999
April Fool's Day

11:00 AM to 1:30 PM
Bush Room 10-105

Free CEE T-shirts (while supply lasts) & Food

	<p><i>The MIT Graduate Student Council</i></p>	<p>office: Walker Memorial, 50-220 (above the Muddy) phone: 253-2195 website: www.mit.edu/activities/gsc email: gsc-request@mit.edu</p>
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arc

Professional Development Seminar Series

Wednesdays 3:30-5:00 PM
Hulsizer Room, Ashdown

3/31 Intercultural Communication
Kate Beaty

4/07 Group Dynamics
Kirk Kolenbrander

Teach Award Deadline Extended to March 31

For details, please check <http://www.mit.edu/~gsc>. Teaching award nominations can be made by email to gsc-awards@mit.edu or may be send to 50-220.

Coffee Hour for Officer Candidates

Wed, March 31 5:30 PM, 50-220
Snacks and coffee will be served. All candidates should attend. Representatives will be voting on April 7.

Jazz Wednesday
Nights
@ the Muddy
Charles Pub!
Walker Memorial
(50-120)



activities

GSC Formal Ball "Island Escape"

Friday, April 16 6:30-10 PM
\$35.00/person
Dinner and Dancing on the Spirit of Boston

Tickets available at the GSC office now
For more information on ticket, call X3-2195.

- \$35 ticket includes:
- 1 ticket to formal ball
 - free lessons from Ballroom Dance Team on April 6 from 7-10 PM FOR THE FIRST 100 PEOPLE WHO SIGN UP
 - free ticket to Cosmopolitan night club in Haymarket for after-party
 - shuttle service from cruise to Cosmopolitan

Pick up a copy of the GSN today

gcm

Officer Nominations are Open
and will remain open until Wed, March 31. Elections will be held on Wed., April 7. For more information, see www.mit.edu/activities/gsc/About/Roles/roles/html.

march

- 29** gsn published - pick up a copy in the infinite corridor
- 30** housing and community affairs (hca) meeting *
- 31** professional development series 3:30-5:00, Hulsizer Room, Ashdown
- 31** coffee hour to meet all nominees * nominations for officers close
- 31** teaching award deadline

april

- 01** academics, research, and careers committee meeting *
- 05** activities committee meeting *
- 06** muddy charles board of governors meeting, muddy pub, 5:30-6:30
- 07** general council meeting with officer elections *

* @ 5:30 in 50-220 (above the muddy)
All graduate students are welcome. Food is provided.

Deutch Stresses Need to Preserve Academic Integrity

Conference, from Page 1

ties as they enter into joint research with government and, increasingly in recent years, business agencies. Deutch highlighted the role universities agreed to play shortly after World War II: to keep Cold War research top-secret.

"A big mistake was made by the universities in responding to that request," Deutch said. Contrary to academic ideals of making of public and available to the fruits of scientific inquiry to the worldwide research community, "[Secrecy] was introduced into the academic process." Deutch noted that secrecy is no longer as pervasive. Gradually, universities have moved away from this kind of closed-door policy through arrangements that move such confidential research off-campus, he said.

Deutch also spoke about the growing dependency of universities upon industry funding for research, and made recommendations aimed at protecting academic integrity. Among the recommendations: sensitive research ventures should be moved off campus; students who

participate in this research must be rewarded; and universities "should not take equity position in such research ventures," so that administrative decisions are compromised by a university's financial interest.

A panel of experts then discussed various aspects surrounding the relationship between universities and industry.

Panelist Martin Michaelson of Hogan and Hartson Legal Counsel asserted that "secrecy... encourages... the suppression of knowledge... encourage[ing] convention of thought."

Alan Hartford, from Massachusetts General Hospital, said that results of his survey of universities showed that 64 percent of 2,052 respondents have some form of research relationship with industry, and that this funding influences the scientists' research.

One example of the collision of academic and corporate wills was the case of Dr. David G. Kern, previously of Brown University and Memorial Hospital of Rhode Island. Kern held that his responsibility as a physician demanded that he disclose results of a study of an unusual lung

disease experienced by workers at a textile plant, despite a confidentiality contract he had signed with the manufacturer 15 months earlier.

Peter Gosselin of the *Los Angeles Times* asked if we are "paying too high a price for the benefits" of secrecy, while audience members lauded Kern for his involvement in bringing the issues of secrecy in occupational medicine to public scrutiny.

Panel talks about cryptography

Cryptography pioneer Ronald L. Rivest, associate director of the Laboratory for Computer Science, and Scott McIntire, special counsel

to the Appellate Staff of the Civil Division, subsequently participated in a panel discussion about regulations that control cryptography.

While regulations do not have a huge effect on research, Rivest said, licensing requirements are "poorly drafted and poorly managed." Any information may be printed, but some of that information would be illegal if scanned into a computer, he said.

McIntosh explained that licenses are required for export of any cryptography software, whether in source or compiled form. "The government's concern is not the information, its the functional capability

of the software to make a computer perform encryption tasks," McIntosh said.

The government introduces the issues of federal secrets and controlled information in "a movement to regulate much of the world to scientific ignorance in the interest of protesting national interests," said panelist Herbert N. Foerstel, a board member from the National Security Archive.

Rivest concluded by saying that there are "lots of books written; lots of lectures" given on cryptography. "I believe we are at the sunset of cryptography restrictions."

BATTLE OF THE BANDS A SPRING WEEKEND CARNIVAL EVENT

Sat. April 24

Want to Compete?

Register at the Source and submit a sample tape/CD. Judges will select 5 bands for the final competition.

Deadline for tape submission: April 12

Entrance Fee for initial judging round: \$10

5 finalists compete at Spring Weekend Carnival: Additional \$40

1st place prize: \$200 2nd place prize: \$100

3rd place prize: \$50

Bands must be at least 50% MIT students.

Questions or comments? Interested in helping out or being a judge?

Contact spring-carnival@mit.edu

BE LESS PRODUCTIVE AT THE OFFICE.

The office has always been a place to get ahead. Unfortunately, it's also a place where a lot of natural resources start to fall behind. Take a look around the next time you're at work. See how many lights are left on when people leave. See how much paper is being wasted. How much electricity is being used to run computers that are left on. Look at how much water is being wasted in the restrooms. And how much solid waste is being thrown out in the trash cans. We bet it's a lot. Now, here are some simple ways you can produce less waste at work. When you're at the copier, only make the copies you need. Use both sides of the paper when writing a memo. Turn off your light when you leave. Use a lower watt bulb in your lamps. Drink your coffee or tea out of mugs instead of throwaway cups. Set up a recycling bin for aluminum cans and one for bottles. And when you're in the bathroom brushing your teeth or washing your face, don't let the faucet run. Remember, if we use fewer resources today, we'll save more for tomorrow. Which would truly be a job well done. This message brought to you by the 43 environmental charities that make up Earth Share. For more tips or information on how you can help, visit [Earth Share](http://www.earthshare.org). 3800 International Drive NW, Suite 2K (AD3), Washington, DC 20008



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Horizon is making the next generation of the web -- with live people in it! Join us for on-campus interviews April 2.

We are a NYC-based, venture-backed startup with strong MIT roots. We offer competitive salaries, full benefits and significant equity for all staff. Want to find out more? Join in a live class on our site, every Mon/Wed/Fri. Signup at <http://horizonlive.com>

Questions, contact Brian Herrin, Recruiting Coordinator at brian@horizonlive.com or 212.533.1775. An equal opportunity employer

STUDENT TRAVEL

- London.....\$205
- Frankfurt.....\$286
- Athens.....\$516
- Amsterdam.....\$286
- Madrid.....\$390

All fares are round-trip, valid for departures before March 31, 1999. Tax not included. Some restrictions apply.

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PRIZES
\$1000
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Deadline
The completed application form, written statement and supporting works should be submitted on:

April 5, 1999

NOTE: Applications should be picked up in advance.

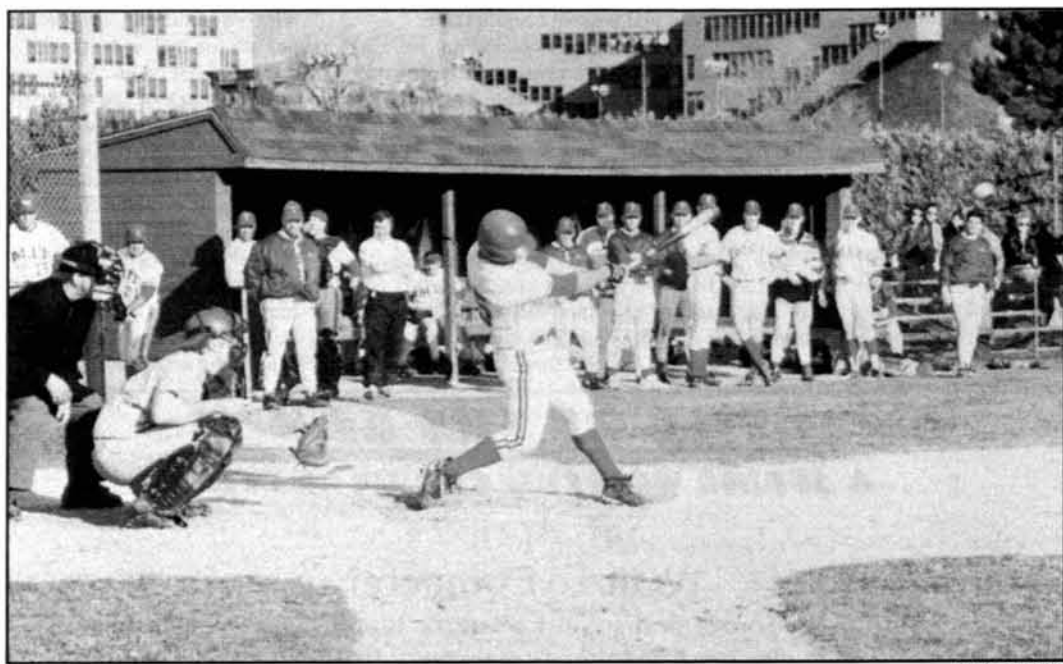
A show featuring the winning artists will open in the Wiesner Art Gallery on May 11, 1999

Applications
Student Art Association
Stratton Student Center-Room 429
Campus Activities Complex
Stratton Student Center-Room 500

Office of the Arts
Wiesner Building-E15-205

More Information
The Student Art Association / W20-429 / 253-7019

SPORTS



MING-TAI HUI

Ryan Balter '99 hits the ball during Saturday's doubleheader against Bates College. MIT won 4-3 and 13-6.

MIT Equestrians Finish Good Season

By Jenny Lee

TEAM MEMBER

On March 27 and 28, the equestrian team had their last two competitions of the season at Mt. Ida College and Dartmouth College.

At Mt. Ida, Junlin Ho '01 placed second and Candice McElroy '99 earned a fifth place in the novice division over fences. Tara Mullaney '02 won sixth place in her intermediate over fences class. Jenny Lee '02 drew a skittish horse and had an unfortunate fall during her intermediate over fences class. Her horse was subsequently taken out of the competition.

On the flat, McElroy once again had a stunning ride, capturing a blue ribbon, which qualified her for the regionals competition. Megan McLemore '00 placed second in the advanced walk-trot-canter division.

New rider Nishla Keiser '99 placed third in her walk-trot class. Three riders placed fourth: Sarah Low '02 in the intermediate equitation, Ho in the novice equitation, and Cynthia Randles '99 in the walk-trot division. Kristen Landino

'02 and Mullaney placed fifth in the open equitation and intermediate equitation divisions respectively.

At Dartmouth, Low placed third and Mullaney earned a fifth place in the intermediate over fences division. McElroy won a fourth place in her novice jumping class. Lee and Ho placed sixth in the intermediate and novice over fences divisions, respectively.

On the flat, Nina Kutsuzawa '00 placed second in the beginner walk-trot-canter division. Low won third place in the intermediate equitation division. Landino and McElroy placed fourth in the open and intermediate equitation divisions. McLemore placed fifth in the advanced walk-trot-canter. Randles and Keiser also placed fifth in their respective walk-trot classes.

Two MIT equestriennes qualified for the regionals competition.

McElroy will ride in the novice equitation division and Kutsuzawa will compete in the walk-trot division this Saturday, Apr. 3 at Dartmouth.

ATTENTION STUDENT COOP MEMBERS

Be sure to vote in the STUDENTS BOARD OF DIRECTORS ELECTION. If you have not received a ballot, you may pick one up at any COOP locations.

THE VOTING DEADLINE IS FRIDAY, APRIL 2, 1999



1400 Massachusetts Ave., Cambridge, MA 02138
617. 499. 2082 Fax 617. 547. 2768



UPCOMING HOME EVENTS

Tuesday, March 30

Baseball vs. Worcester Polytechnic Institute, 3:00 p.m.
Women's Lacrosse vs. Babson College, 4:30 p.m.

Wednesday, March 31

Men's Tennis vs. WPI, 3:30 p.m.

Thursday, April 1

Baseball vs. Clark University, 3:00 p.m.
Men's Lacrosse vs. Nichols College, 4:00 p.m.

Friday, April 2

Baseball vs. Brandeis University, 3:00 p.m.
MIT Pistol competition



Give Life ...

Give Blood.

Wednesday 3/31 to
Friday 4/2



Student Center, 2nd Floor

This space donated by *The Tech*



Ocean
ENGINEERING

Freshman Open House

Tuesday, April 6
3-5pm in Room 5-314

*Find out about Careers in OE
Meet faculty and students
See displays of current projects
Learn about UROPS in OE*

Be a part of the Wave of the Future