



Head of the Charles coverage, pages 13-15

MIT's  
Oldest and Largest  
Newspaper

# The Tech

Established 1881

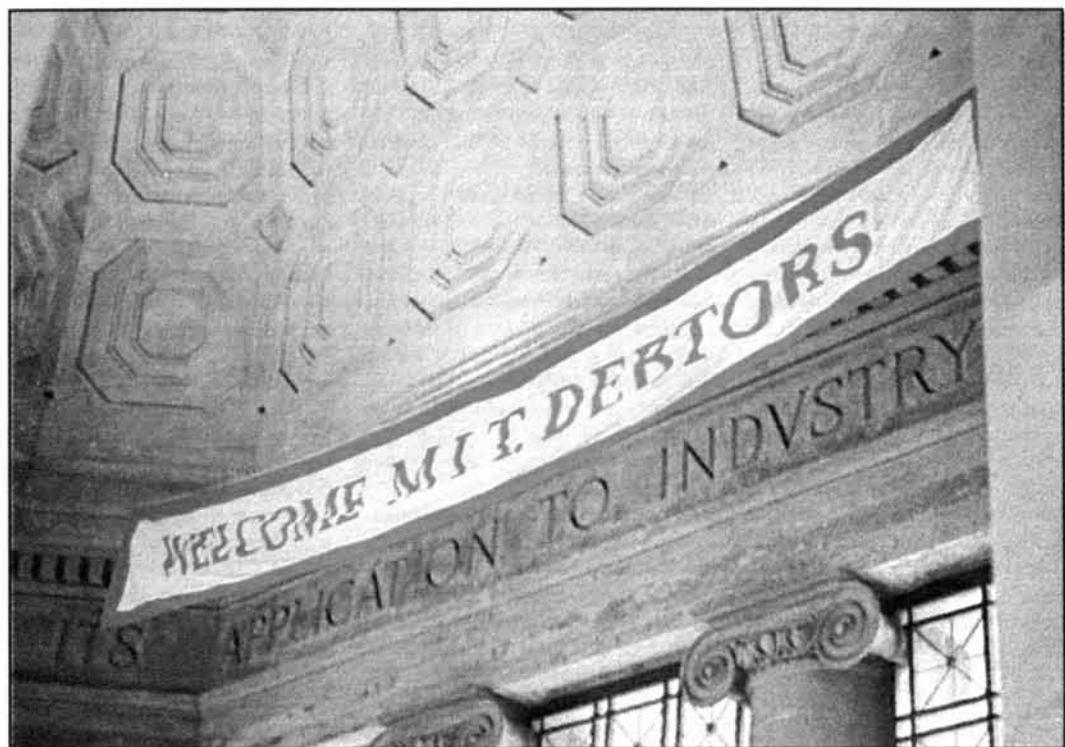
## The Weather

Today: Mostly sunny, 63°F (17°C)  
Tonight: Clearing up, 46°F (8°C)  
Tomorrow: Cool, 53°F (12°C)  
Details, Page 2

Volume 118, Number 51

Cambridge, Massachusetts 02139

Tuesday, October 20, 1998



Hackers made a minor correction to the "Welcome MIT Parents" banner in Lobby 7 Sunday.

KAREN E. ROBINSON—THE TECH

## Computer Problems Hit Career Services

By Susan Buchman  
ASSOCIATE NEWS EDITOR

The Undergraduate Association is calling for changes in the new computerized resume and interview system used by those seeking job opportunities after it suffered several glitches over the past month.

The new system, InterviewTrak, is used by students to arrange and schedule interviews with prospective employers. It was installed by the Office of Career Services and Preprofessional Advising this year.

Although the UA initially called for a return to a paper-based resume system, the organization has since withdrawn from this position.

The UA resolution, passed on Oct. 5, called for MIT to return to using a paper-based resume system until the software performs properly. It also called for more oversight of the Career Services office by the administration.

In a letter to MIT administrators dated Oct. 7, UA president Paul Oppold '99 said that he had received complaints from over 100 seniors and many other undergradu-

ates about the new system.

These concerns focused on the loss of control over the format of one's resume when it is submitted over the Web, and the lack of confirmation that information has been received by a company.

A greater concern arose on Oct. 4 when the resume submission section of JobTrak entitled InterviewTrak went off-line. This caused some students to miss deadlines for submitting applications.

"Seniors need to take advantage of all their opportunities and do not want to be guinea pigs while this new system is brought up to par," said Oppold.

Last year, the Career Services office installed a computerized resume submission program but quickly withdrew it after complaints from seniors and others.

The JobTrak system was created in 1987 and has been used by over 750 colleges. The InterviewTrak section of the system was rolled out this fall at 22 universities, including

JobTrak, Page 10

## Students Give Input on New Dorm, Protest Against Housing Decision

By Rima A. Arnaout  
STAFF REPORTER

Students and administrators discussed architectural, cultural and dining features of the planned new Vassar Street dormitory at a community meeting Wednesday.

At a concurrent meeting sponsored by the Undergraduate Association, students discussed the recent decision to house all freshman on campus in Fall 2001 and its

effects on the housing system.

The Dean's Office and the Planning Office held a small-scale meeting at Baker House at 7 p.m. The UA held an open forum in Lobdell Court, starting at 8 p.m.

The meeting at Baker was designed as a chance for undergraduates to suggest features for the new building, within the constraints of its location.

"We need to know about specific

design issues, and... about what sort of programs are helpful to bring people together," said Margaret R. Bates, dean for student life, at the meeting.

The Dean's Office and the Planning Office hope to submit student input to the architect and the design team, whom they plan to hire by Jan. 1.

Dormitory, Page 25

## Coop Announces 4.5 Percent Rebate, A 28 Percent Rise From Last Year's

By Kevin R. Lang  
STAFF REPORTER

The Harvard Cooperative Society announced Thursday that Coop members will receive a 4.5 percent rebate on their purchases this year.

The rebate applies to most purchases made by members in fiscal 1998. The checks will be issued on Oct. 28.

The Coop rebates are up from last year's 3.5 percent because both membership and profits have risen, said Coop President Jeremiah P. Murphy Jr.

"We're pleased with the increase in membership and with it the purchases at The Coop, which have allowed us to give a 28 percent increase in the rebate," Murphy said.

"We hope that members will see that it's worthwhile to shop at The Coop, and the more shopping they do at The Coop the more rebate we'll be able to give in the future."

Murphy expects further membership and sales increases in coming years, as higher rebates yield more members. He added that rebates are driven by how much members spend, and that the company's profit benefits Coop members.

The Coop also has plans to expand into catalog and internet retail. Products not available in stores would be offered over the World Wide Web and through catalogs. Web products will focus on insignia goods, Murphy said.

### Restructuring revived rebate

Murphy attributed the return to

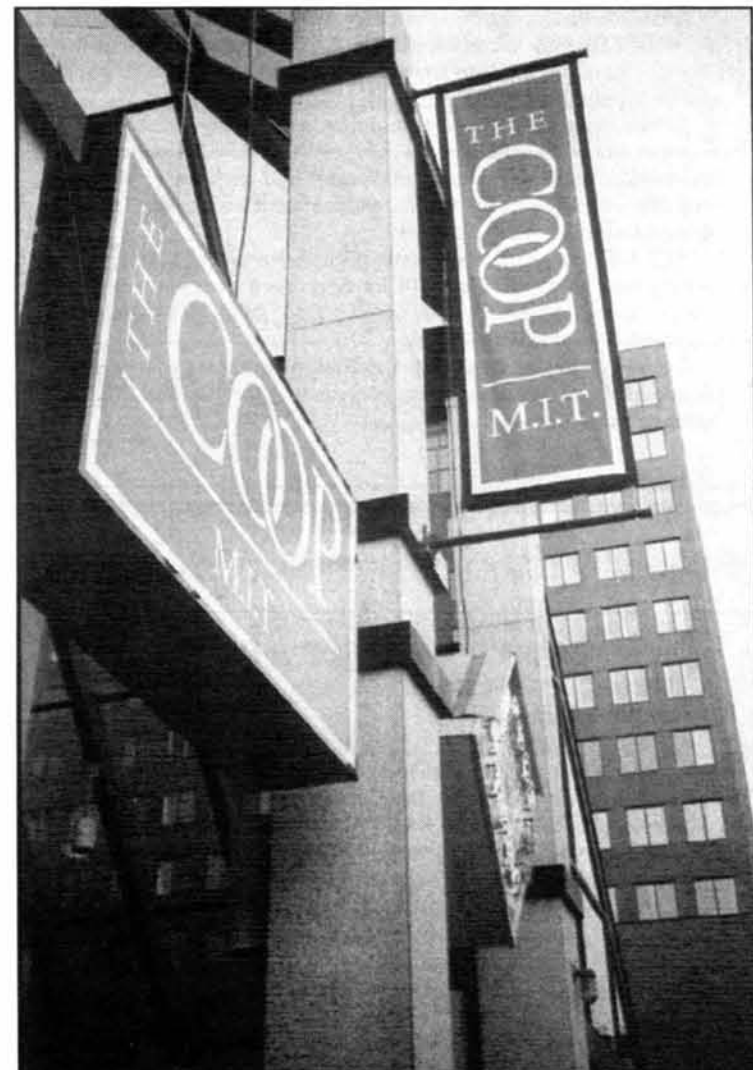
profitability to the company's restructuring program, which began in 1995. The Coop stopped selling many of the more specialized goods it had previously stocked, and focused more on academic needs.

In addition, The Coop converted from a department store that sells books to a book store that sells student necessities, Murphy said.

In addition, outsourcing and wage cuts were implemented where necessary, Murphy said. The Coop also renovated several of its stores, primarily the Harvard Square branch. These changes, combined with the return of the rebate in 1997, brought in many new members, he said.

Janet Otero, the assistant manag-

The Coop, Page 21



TECH FILE PHOTO

The Coop, which has renovated most of its locations, announced a rebate of 4.5 percent on fiscal year 1998 purchases by its members.

Three panelists discussed world economics at the Catherine N. Stratton Lecture on Critical Issues.

Page 8



Comics

Page 16

Over 1,600 students on the *ccpeople* mailing list were deluged with hundreds of spam e-mail messages.

Page 6

World & Nation	2
Opinion	4
TechCalendar	18
Sports	28

# WORLD & NATION

## New German Cabinet Signals a Left Turn

THE WASHINGTON POST

BERLIN

Three weeks after he led the Social Democrats to victory with a centrist campaign message, Chancellor-elect Gerhard Schroeder unveiled a legislative program and a Cabinet Monday that portend a sharp leftward turn for Germany.

After negotiations that were surprisingly free of discord, the Social Democrats and their coalition partner, the environmentalist Greens party, wrapped up plans for significant reforms in Germany's tax, social and energy policies. They also have vowed to loosen strict nationality laws, which could enable up to 3 million foreigners to obtain German citizenship.

Since last month's election, much public attention has focused on the backstage jostling for key posts in Schroeder's government. As the dust settles, the emerging powers in his Cabinet reflect a dramatic shift in the conservative mind-set that has shaped government policy for the past 16 years, a transformation that augurs important changes in Germany's political character.

## Pinochet Vows to Fight Extradition

THE WASHINGTON POST

LONDON

Adamant even from his hospital bed, former Chilean president Augusto Pinochet said Monday he will "resolutely" fight any attempt to extradite him to Spain. But the Spanish magistrate who wants to try the former authoritarian ruler for murder and torture added to his list of charges and prepared to argue his case for extradition in a British court.

Pinochet remains under arrest here — not in a jail, but rather as a patient in a posh London clinic — pending legal and administrative hearings on his possible extradition. Jack Straw, Britain's home secretary — roughly equivalent to the attorney general in the United States — said a decision on the case would be strictly a matter of applying international law.

In fact, though, the case has become a hot political issue, sparking demonstrations and angry debate in Chile, Britain and Spain. This is partly because of Pinochet's own history, and partly because his case may set a precedent governing other former heads of state charged with systematic human rights violations.

Britain's decision to arrest the 82-year-old retired general was a considerable coup for Baltazar Garzon, the independent Spanish judge who has been investigating alleged murders of Spanish citizens by Pinochet and other South American rulers in the 1970s.

## Panel to Call for Stronger Protections for Research Subjects

LOS ANGELES TIMES

WASHINGTON

A presidential advisory commission that studies bioethical issues is expected Tuesday to call for increased protections for research subjects who have mental disorders and whose decision-making capacity may be impaired.

Acknowledging the critical importance of research into mental disorders, the National Bioethics Advisory Commission nevertheless described current safeguards as inadequate and said that more needs to be done to ensure that those who participate in such studies receive ethical treatment.

"We anticipate that many new, potentially useful therapies for treating (mental) disorders will be developed over the next few years," committee members said in the draft of their report, scheduled to be formally voted upon Tuesday.

In any given year, more than 5 million Americans suffer an acute episode of a major mental illness, according to the National Alliance for the Mentally Ill.

# Palestinian Terrorist Attack Injures 64 in Southern Israel

By Lee Hockstader

THE WASHINGTON POST

JERUSALEM

About 64 people were wounded, two seriously, when a young Palestinian man tossed two grenades in a crowded bus terminal in southern Israel Monday, witnesses said. Bystanders immediately tackled and beat the assailant, who later confessed to the attack in Israeli police custody, authorities said.

The assault in the southern desert city of Beersheba jolted the three-way Middle East peace summit under way in Wye Mills, Md., where President Clinton and a host of American mediators are struggling to break a bitter 19-month deadlock in negotiations between Israel and the Palestinians. Seizing on the violence, the Israelis postponed a scheduled negotiating session, saying that from now on they would discuss only security issues.

It was at least the 10th attack on Israelis in the last three months, a campaign of violence that has escalated along with a renewed American-led push to reinvigorate the stalled Middle East peace process.

At least 20 of the wounded were soldiers waiting for a bus to take

them to a nearby military base when the attack took place.

"I saw him throw it and run," said Donna Cohen, 19, an Israeli soldier who lay in her hospital bed with minor injuries Monday afternoon. "I didn't understand anything, I had no idea, I just heard the explosion and was hit in my leg with shrapnel."

Palestinian leader Yasser Arafat contacted Israeli Prime Minister Benjamin Netanyahu to condemn the attack and express sympathy for the victims. He said he had ordered an investigation.

There was no immediate claim of responsibility for the attack, which was condemned by Israeli and Palestinian leaders alike. Palestinian security officials said the assailant was a supporter of the militant Islamic group Hamas, which has carried out bombings in Israel in the past, and had served time in an Israeli jail. He was reported to live in West Bank territory under Palestinian control.

Hamas has threatened repeatedly to intensify its campaign of bloodshed to avenge the killing of two of its top operatives by Israeli soldiers last month. Israel complains that Arafat's Palestinian

Authority has balked at cracking down on Hamas.

Sheik Ahmed Yassin, founder and spiritual leader of Hamas, justified the attack although he did not specify whether his group played a role in carrying it out. "As long as the Palestinian people are living under occupation and repression ... resistance will be natural and legal," he said.

Like other spasms of violence that have punctuated critical negotiations in the past, Monday's assault was widely interpreted as an attempt to derail the peace talks in Maryland, which are strenuously opposed by extremists of both sides.

If that was the goal, it was unclear whether it will work. There was no outright break in the talks despite demands by hard-line allies of Netanyahu that he walk out immediately.

The Israeli leader, who was awakened in Maryland at 2 a.m. with the news, reiterated Israel's position that it will not sign an agreement to withdraw troops from a further portion of the West Bank, as the Clinton administration has proposed, unless the Palestinians launch what Israel considers a tough crackdown against extremists.

# Justice Department Kicks Off Microsoft Antitrust Court Case

By Rajiv Chandrasekaran

THE WASHINGTON POST

WASHINGTON

The Justice Department and 20 states kicked off their antitrust case against software giant Microsoft Corp. Monday with claims that company chairman Bill Gates, the world's richest man, was a ring-leader in illegal efforts to crush competition.

Reading from dozens of his confidential electronic-mail messages and playing video clips of him on a larger-than-life screen, government lawyers tried to depict two faces of Gates: in taped depositions, a cagey executive who maintains he did no wrong; in private e-mail, a ruthless tycoon who will do whatever it takes to squash his rivals.

In particular, government

lawyers tried to show in opening statements Monday that Gates played a key role in setting the agenda for a June 1995 meeting between Microsoft and executives from Netscape Communications Corp., a Silicon Valley company that will figure prominently in the trial.

The government alleges that Microsoft executives felt threatened by Netscape's hot new software for "browsing" the Internet and at the meeting urged the upstart firm not to make a version of the product that would work with Microsoft's widely used Windows 95 operating system for personal computers. Microsoft was producing a browser of its own for Windows 95.

Gates is not scheduled to testify at the non-jury trial, being held in a

District of Columbia federal courthouse. But in the day's most dramatic moment, Justice Department attorney David Boies played four video clips of a deposition of Gates, who was slouching in a large leather chair as he answered pretrial questions from government lawyers.

In one of the excerpts, a visibly testy Gates maintained that he did not play a part in setting up the meeting with Netscape. "I had no sense of what Netscape was doing," Gates said. In another segment, Gates said that "the first I heard of that meeting and somebody trying to characterize it in a negative way ... was in the *Wall Street Journal*."

Microsoft will deliver its opening arguments Tuesday before U.S. District Judge Thomas Penfield Jackson.

# WEATHER

## Cooler Weather Ahead

By Bill Ramstrom  
STAFF METEOROLOGIST

After a very warm weekend, a cold spell is in our future, with temperatures going from well above normal this past weekend to well below normal by the end of the week. Dig out your sweaters; highs will probably only reach the 40's by Thursday. Two upper-air disturbances will pass through during the next couple of days, bringing some cloudiness, especially during the afternoons, but precipitation is unlikely here in Cambridge. After the first of these troughs passes later this afternoon, much colder air will blow in on gusty northwest winds.

The pattern is looking more winter-like this week; a large, cold high will lumber down from Canada, bringing colder weather. Some lake-effect rain and snow will fall across Michigan and western New York. Windy conditions may bring down some of the fall foliage across our area this week.

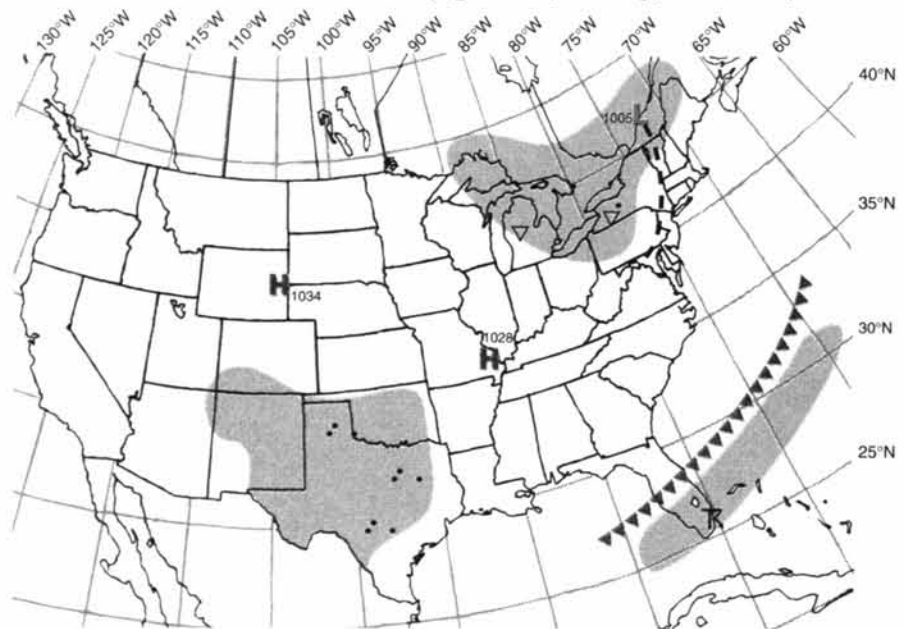
**Tuesday:** Mostly sunny. Gusty northwesterly breeze. High 63°F (17°C).

**Tuesday Night:** Any clouds dissipate at sunset. Calmer winds. Low 46°F (8°C).

**Wednesday:** A few clouds and cooler. High 53°F (12°C). Low in the low 30s (1-3°C).

**Thursday Outlook:** Brisk and breezy. Highs in the 40's (7-9°C).

Situation for Noon Eastern Daylight Time, Tuesday, October 20, 1998



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
<b>H</b> High Pressure	--- Trough	Snow	☁ Fog
<b>L</b> Low Pressure	—•— Warm Front	Light	⚡ Thunderstorm
<b>S</b> Hurricane	—▲— Cold Front	Moderate	☁ Haze
	—▲— Occluded Front	Heavy	

Compiled by MIT Meteorology Staff and The Tech

# U.S. Politicians Tweak Budget With 11th-Hour Final Touches

By George Hager and Juliet Elperin  
THE WASHINGTON POST

WASHINGTON

White House and congressional negotiators Monday put what they hoped were the finishing touches on a massive year-end spending measure and prepared for a final House vote Tuesday evening, after another round of last-minute dealmaking.

Although leaders held celebratory news conferences late last week to announce that they had finished work on the huge budget deal, negotiations continued through the week-end and into Monday afternoon.

In a flurry of eleventh-hour haggling, negotiators took some provisions out, put some provisions in and continued to battle fiercely over others.

Kept in were nearly \$2 billion of increased payments to Medicare home health care providers and a

disability program for Persian Gulf War veterans that a senior GOP aide said will cost from \$1 billion to \$6 billion over 10 years.

Also preserved was legislation to repeal a government directive requiring peanut-free zones on some airline flights. Sen. Richard C. Shelby, R-Ala., chairman of the Senate Appropriations transportation subcommittee, said the directive, designed to protect people with peanut allergies, was not based on scientific evidence.

"These guidelines represent why so many people have come to resent and distrust government," he said.

Stripped from the package were two provisions that had been promoted by Senate Majority Leader Trent Lott, R-Miss.: One would have exempted scrap metal recycling companies from liability under Superfund cleanup laws. The other, also backed by Sen. Thad Cochran,

R-Miss., would have provided more than \$350 million of agriculture credits to Russia.

The credits would have allowed Russian business interests to pay for frozen poultry and other products shipped overseas by American producers.

Also jettisoned was a White House proposal that would have raised \$200 million by recovering broadcast licenses from companies that successfully bid for a piece of the broadcast spectrum but later went bankrupt. And negotiators abandoned a proposal by House Transportation and Infrastructure Committee Chairman Bud Shuster, R-Pa., to add a multibillion-dollar "water resources" measure to the spending package.

As of late Monday, a provision was still in play that would bar the United States from levying fees on Canadian flights over Alaska.

## Congress Authorizes Military Aid to Iraqi Opposition

THE WASHINGTON POST

WASHINGTON

A decision by Congress to authorize \$97 million in U.S. military aid to the beleaguered Iraqi opposition has rekindled dreams among exile leaders and former U.S. policy-makers of an American-backed war to topple Iraqi President Saddam Hussein, despite fears within the Clinton administration that the operation would be a fiasco.

With an enthusiastic bipartisan endorsement on Capitol Hill, the Iraq Liberation Act of 1998 envisions an opposition army trained, equipped and financed by Washington that as early as next year would capture lightly defended areas in southern and western Iraq, encourage mass defections from Saddam Hussein's military and ultimately bring down his government.

"In a combat situation, Saddam's control over the forces would collapse," said Ahmed Chalabi, president of the opposition Iraqi National Congress, which is vying for the funds. "We can attract large numbers from the Iraqi army."

First, the plan faces overwhelming odds within the Clinton administration, which must approve the spending. Officials say they have no intention of providing the opposition with "draw down" military aid-arms, vehicles and other materiel from existing Pentagon stocks. One government military expert derided the entire plan as "idiocy" and compared the enterprise to the disastrous Bay of Pigs invasion of Cuba.

But proponents and opponents alike say the legislation adds a volatile new dimension to the debate about how best to oppose Saddam Hussein now that support for economic sanctions in place since the end of the Persian Gulf War appears to be eroding on the U.N. Security Council and Iraq has ceased cooperating with U.N. weapons inspectors.

## Prairie Dogs Show Sophisticated Social Behavior

LOS ANGELES TIMES

THORNTON, COLO.

Scientists are still learning about the nuances of prairie dog behavior. They have a highly organized social system. Dog towns are broken into wards, containing several coteries, or family units. Family members greet with a "kiss," a robust teeth-clacking that allows them to identify each other.

Housing developers could learn much from the prairie dog's burrow construction. At the top of the burrow a sentinel stands on the high mound, serving as a lookout. Just inside is a listening post, cut into the side of the tunnel, providing a safe place to listen for predators lurking above. Deep in the burrow's labyrinth are birthing chambers, storage rooms, sleeping quarters, a toilet, tunnels to other burrows and several escape hatches.

But it is the complex language of prairie dogs that sets them apart. Professor Con Slobodchikoff of Northern Arizona University records the dogs' alarm yips and uses a computer to analyze the sounds. To his surprise, Slobodchikoff discovered a sophisticated language.

"These animals can form concepts about species and predators and have knowledge of hunting styles," he said. "That implies they have a fairly high cognitive ability."

# Files From Paula Jones Lawsuit Released Prior to Appeals Case

By Peter Baker  
THE WASHINGTON POST

WASHINGTON

Lawyers for President Clinton and Paula Jones waged a stop-at-nothing series of legal battles under the cloak of court-ordered secrecy last winter that delved into everything from medical records about his private parts to testimony about her sex life, according to documents unsealed Monday.

The papers released on the eve of an appeals court clash in the Jones case demonstrated that the president mounted a vigorous counteroffensive to her lawyers' much-publicized attempts to uncover any Clinton sexual misconduct, examining Jones's fund-raising solicitations, efforts to secure a book contract and alleged barroom encounters with men.

Clinton's legal team raised the issue of Jones's sexual history in a brief filed Jan. 7 — as it turned out, the same day Monica S. Lewinsky signed an affidavit falsely denying any sexual relationship with Clinton. The president's lawyers wrote that their research proved Jones was no "innocent minister's daughter" who would be traumatized at being propositioned by their client. Indeed, they cited a deposition from a man who testified she engaged in oral sex with him in the parking lot of a bar the same night they met, just months before the alleged May 8, 1991, incident with Clinton.

The filings included little new information about Clinton's alleged relations with other women, much of which was made public before the case was dismissed. But they

revealed that Jones's lawyers tried unsuccessfully to subpoena two of the president's doctors to testify about the condition of his anatomy to determine whether it matched the "distinguishing characteristics" their client had described and whether he had surgery that would alter its appearance.

The motions, briefs and affidavits were unsealed and posted on the Internet by U.S. District Judge Susan Webber Wright, just a day before an appeals court will hear oral arguments about whether to overturn Wright's decision to throw out the sexual harassment lawsuit.

Bennett on Sunday flatly rejected an offer by Jones to withdraw her appeal in exchange for a \$1 million payment from the president and another \$1 million from Abe Hirschfeld, a real estate developer.



## Graduate Student Council

OFFICE: Walker Memorial, 50-220

PHONE: 253-2195

EMAIL: gsc-request@mit.edu

WEBSITE: www.mit.edu/activities/gsc

### Graduate Student Rings

The GSC is pleased to announce the 1998 Fall Semester Ring days! The rings are available in 10K, 14K, and 18K gold in 4 crown sizes: petite, small, medium, and large. Degrees available include PhD, ScD, SM, M.Eng., MCP, M.Arch., and MBA.

Nov. 2	Stratton Student Center	11 AM - 5 PM
Nov. 3	Sloan Business School	11 AM - 5 PM
Nov. 4	Sloan Business School	11 AM - 5 PM
Nov. 5	MIT Kendall Bookstore	11 AM - 5 PM
Nov. 6	MIT Kendall Bookstore	11 AM - 5 PM

### Representative Orientation

All 1998-1999 GSC representatives are strongly encouraged to attend the Representative Orientation meeting on Thurs., Oct. 22. We will be discussing your roles and responsibilities. Those who have attended similar sessions in previous years are encouraged to join us again.



### Calendar

#### ► OCTOBER

- 19-24 - Fall Festival - Open to entire MIT community
- 20 - Housing and Community Affairs meeting \*
- 21 - Publications board committee meeting \*
- 22 - Orientation for 1998-1999 representatives \*
- 26 - Activities committee meeting \*
- 27 - Career Fair meeting \*

### Graduate Student News

The GSN will be published on Mon., Oct. 26. Send submissions to Connie Lai at con@mit.edu by Oct. 21.

### Nutcracker Tickets

The GSC will be selling discount tickets to the Nutcracker Boston Ballet Performances in early Dec.! Watch for flyers! Special reduced rates for graduate students!

#### ► NOVEMBER

- 03 - Muddy Charles Board of Governors \*
- 04 - General Council Meeting \*
- 05 - Publications board committee meeting \*
- 13 - Career Fair Dupont 10 AM - 3 PM
- 17 - Academics, Research & Careers meeting \*

### GSC Intramural Sports Teams

The teams that we are currently organizing are:

LEAGUE	CONTACT	
Basketball (all levels)	Mark Chang	mchange@mit.edu
Hockey A (checking)	Glen Monnelly	monnelly@space.mit.edu
Hockey C (checking)	Scott Ramming	sramming@mit.edu
Hockey D (non-checking)	Nure Aiza	nure@mit.edu

### GSC Sponsored Pick-up Volleyball

Rockwell Cage 7 - 10 PM  
Fridays: Oct. 23, Oct. 30, & Nov. 6  
All skills welcome. Come out and meet new friends.

\* = at 5:30pm in Room 50-220. All graduate students are welcome. Food is provided.

# OPINION

## Perfecting the Freshman Year

The recent plans for an "Educational Design Project," as expressed by Dean for Undergraduate Curriculum Kip V. Hodges PhD '82, suggest that the administration would like to make major changes to the freshman year.

### Editorial

*The Tech* feels that many of Hodges' proposed changes will be detrimental, decreasing the overall quality of an MIT education.

Hodges has asserted that freshmen experience "too much pace and pressure." While the Institute could take measures to decrease the stress of the freshman year, decreasing the amount of class material presented to freshmen will not be an improvement. If freshman class material is dumbed-down, as Hodges seems to advocate, freshmen will have an even more difficult time adjusting to their sophomore and later years than they already do.

To reduce the stress of the freshman year, MIT should take more concrete steps to schedule freshman class exams in different weeks. If the professors responsible are incapable of doing this on their own, the administration should establish an exam schedule for these classes that ensures that most freshmen have their exams spread out over the term, rather than clustered together.

Freshman advising is also currently in a very poor state. Freshman advisers receive only a half a day of training, which is not sufficient. The advisers should go through more extensive preparation, and the Institute should offer more substantive rewards for being a freshman adviser.

Upperclass associate advisers provide a valuable service to their advisees. However, they also present some problems. This year, MIT wanted to require that Orientation group leaders be freshman advisers. Since Orientation group leader positions are traditionally coveted for rush purposes, this may have induced some people to become associate advisers for totally wrong reasons. The position of associate adviser should not be tied to any other conditions to avoid this kind of conflict of interest. The

presence of associate advisers also makes it easier for the actual advisers to take a more passive role, creating an undesirable buffer between students and their advisers.

While we recognize that staff members can provide a valuable service by adding to the diversity of freshman seminar topics, we feel that the academic advising should be done entirely by professors. In the past, some advising seminars were structured with a staff member presenting the academic material, and a faculty member interested in that material serving as an adviser to the students. This is precisely the sort of arrangement that maximizes the usefulness of the freshman seminar program.

Giving all freshmen a faculty member as an adviser would help bridge the gap that exists between students and faculty. Many freshmen enter MIT with the impression that professors are inaccessible. Making all freshman advisers faculty would be an important step toward fixing this situation. Moreover, faculty members are more knowledgeable about actual classes than most staff members. This familiarity with academics is central to advising.

In many cases, freshman advisers are not familiar with all the courses that their advisees are taking, since they may lie far from the advisers' fields of study. The Institute needs to establish a policy by which freshmen can get advice from professors in any department. Each department should establish one or more faculty members as resources for freshmen. While many departments have this informally, it needs to be institutionalized and organized all across MIT. When a freshman has questions that his adviser can't answer, the adviser should assist them in contacting the designated professor from the appropriate department. This additional resource would allow many freshmen to make better-informed choices about their classes.

While a re-examination of the freshman year is valuable, we fear that MIT will make the wrong changes, decreasing the rigor of core classes and leaving some serious problems untouched.

## Letters To The Editor

### The Merits of Dormitory Rush

With all the debate that has gone on about the decision to house all freshmen on campus for their first year, there has been disturbingly little debate about how Orientation should work without fraternity, sorority and independent living group rush. While I support the decision to house freshmen on campus, I am worried that MIT will take the changes even further and end dormitory rush. Such an action would devastate the housing system at MIT beyond repair.

Moving fraternity rush later in the year and having freshmen move into FSILGs their sophomore year, while a significant change, doesn't fundamentally change the way housing works. Freshmen still get to rush fraternities during an organized time and those wishing to join will still move in, en masse, at a designated time. Surely, it does change the timing, and probably the retention rate. But fraternities are still composed of people that choose to pledge. And this change is also at least attempting to solve a problem.

Terminating dormitory rush would, however, make fundamental changes for the worse to the way housing works at MIT, for no apparent reason other than to save a little money and effort. The choice that MIT gives students in selecting their dorm and the floor/entry within their dorm allows dormitories and floors/entries to acquire a personality, albeit a slowly changing one. There is a place for everyone, whether you want to live in a black-lit Elvis-shrine, a floor with intramural sports enthusiasts, a Kosher suite, or any of a slew of other types of places to live.

Feeling comfortable with your surroundings does an amazing amount for one's peace of mind after coming to a strange new place for college. Taking dormitory choice away would destroy that. Certainly, people are allowed to move from dorm to dorm, but without the opportunity to sample them all during rush, and without a specified time when everyone is choosing their living arrangements, it would be much harder to end up in the "right" spot. And

the likelihood would increase for MIT's housing system to devolve an arrangement where people move from dorm to dorm each year in small cliques of friends — not a system that many would strive for, I would hope.

Proposals such as sending freshmen booklets describing each of the dormitories and floors/entries and letting them make their pick with a Business Reply Card don't come anywhere close to providing the amount of real and useful information to freshmen. With MIT's recent realization that the well-being of its student body is at least vaguely important and deserves a modicum of support (e.g. increased student activity funding, the Infinite Buffet, etc.), it would be a shame if one of the most important sources of student happiness was ruined.

Douglas C. Wyatt '96

### Parroting the White House Line

In his column last Friday ["A Wake-Up Call for American Voters," Oct. 16], Michael J. Ring '01 does a good job of repeating the latest White House line — attacking the Republicans to draw attention from President Clinton. It's interesting that we have only heard this "do-nothing Congress" chorus after Congress voted for an impeachment inquiry. Ring also assumes that the more new laws Congress heaps on us, the better, and that the more closely Congress governs by the latest opinion polls, the better. Too many Democrats holding these assumptions may be the reason why Republicans are now in power.

Kristopher M. Schnee '01

### Hate-Crime Laws as Special Treatment

I was recently swayed by an argument I heard on the radio just after the breaking news of Matthew Shepard's death. The argument addressed hate crime legislation, which had quickly become a political focus. Many gay activists have lobbied for it as a counter to

anti-gay harassment and assault. Others, throughout the political spectrum, have argued that hate crime laws give gays and lesbians special treatment. The argument on the radio ended its position with a summarizing question: "Why should the death of a man be more important if he's gay?"

My answer was: "It shouldn't be." And I think most people would answer the same. At that moment my support for hate crime legislation dropped like an arch without a keystone. In later discussion with one of my roommates we supported ourselves in this position. "They're being tried for murder. They'll spend a bunch of years in jail at least. That's enough," he said. One argument in support of hate crime laws follows closely the argument for affirmative action. The disabling and scarring past of a group of people should be reconciled or balanced by special support or assistance. This isn't quite "special rights" though. Gays and lesbians have no more freedom or authority, but those who would take their rights and freedoms away are punished more severely. Still, this seemed like special treatment.

Then, I found a simpler analogy. Let me ask you a question: "Should the death of a man be more important if he's robbed?" A murderer who robs is punished more severely. He can be charged with robbery. Why is the charge of a hate crime different from the charge of robbery? Shepard was killed; that's murder. For being gay, he was harassed, beaten, and burned; that's a hate crime. There's no murder of a higher degree, just an extra charge. Robbery, stealing a car, or rape might be involved in a murder, and the criminal is punished additionally. Is that "special rights" for people who have wallets, cars, or genitalia?

Gays and lesbians share, if nothing else, an identity. It is very diverse in all its facets and meanings, but it exists. Hate crime laws protect this identity, just as civil rights laws protect the identities of different races and creeds and sexes against violent attack, just as criminal laws protect our homes and bodies and bicycles. Even if you still think that hate crime laws are special rights, we could sure use them anyway.

Carlos M. Covarrubias '98

### 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](mailto: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](mailto: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>.



**Chairman**  
Josh Bittker '99

**Editor in Chief**  
Douglas E. Heimbürger '00

**Business Manager**  
Joey Dieckhans '00

**Managing Editor**  
Erica S. Pfister '00

#### NEWS STAFF

**Editors:** Brett Altschul '99, Frank Dabek '00, Zareena Hussain '00; **Associate Editors:** Jean K. Lee '99, Susan Buchman '01, Jennifer Chung '01, Krista L. Niece '01; **Staff:** Orli G. Bahcall '99, Shawdee Eshghi '99, Carina Fung '99, Eric Sit '99, Aileen Tang '99, May K. Tse '99, Sharmin Ghaznavi '00, Stuart Jackson '00, Dudley W. Lamming '00, Katie Jeffreys '01, Dalié Jiménez '01, Rima A. Arnaut '02, Sanjay Basu '02, Alex Ianculescu '02, Neena S. Kadaba '02, Kevin R. Lang '02, Karen E. Robinson '02; **Meteorologists:** Michael C. Morgan PhD '95, Greg Lawson G, Gerard Roe G, Chris E. Forest, Marek Zebrowski.

#### PRODUCTION STAFF

**Editor:** Ryan Ochylski '01; **Associate Editor:** Ian Lai '02; **Staff:** Moksha Ranasinghe '99, Jason C. Yang '99, Francisco Tanudjaja '00, Kristen Landino '02, Ágnes Borszéli.

#### OPINION STAFF

**Editors:** Michael J. Ring '01, Naveen Sunkavally '01; **Staff:** Dan Dunn '94, Anders Hove '96, Wesley T. Chan '00, Seth Bisen-Hersh '01, Andrew J. Kim '01, Elaine Y. Wan '01.

#### SPORTS STAFF

**Editor:** Shao-Fei Moy '98.

#### ARTS STAFF

**Editor:** Joel M. Rosenberg '99; **Staff:** Thomas Chen G, Steven R. L. Millman G, Vladimir V. Zelevinsky G, Teresa Huang '97, David V. Rodriguez '97, Mark Huang '99.

#### PHOTOGRAPHY STAFF

**Editors:** Gregory F. Kuhnen '00, Rebecca Loh '01; **Associate Editor:** Annie S. Choi; **Staff:** Rich Fletcher G, Aaron Isaksen G, Wan Yusof Wan Morshidi G, Thomas E. Murphy G, Michelle Povinelli G, Arifur Rahman G, T. Luke Young G, Dennis Yancey '97, Ahmed Ait-Ghezala '99, David Tarin '99, Rita H. Lin '00, Connie C. Lu '00, Garry R. Maskaly '00, Karlene Rosera '00, Chun Hua Zheng '00, Ajai Bharadwaj '01, Ying Lee '01, Amy Yen '01, Miodrag Cirković.

#### FEATURES STAFF

Anthony R. Salas '91, Pawan Sinha SM '92, Hugo M. Ayala G, Calista E. Tait G, Solar Olugebefola '99, Jessica Wu '99, Jennifer Dimase '01, Xixi D'Moon '01.

#### BUSINESS STAFF

**Advertising Manager:** Jennifer Koo '00; **Operations Manager:** Satwiksai Seshasai '01; **Staff:** Karen Cheng '02, Jasmine Richards '02.

#### TECHNOLOGY STAFF

**Staff:** Boris Zbarsky '01, Shantonu Sen '02, Hoe-Teck Wee '02.

#### EDITORS AT LARGE

**Contributing Editor:** Dan McGuire '99; **Color Editor:** Gábor Csányi G.

#### ADVISORY BOARD

V. Michael Bove '83, Robert E. Malchman '85, Thomas T. Huang '86, Deborah A. Levinson '91, Reuven M. Lerner '92, Josh Hartmann '93, Jeremy Hylton '94, Garlen C. Leung '95.

#### PRODUCTION STAFF FOR THIS ISSUE

**Night Editors:** Erica S. Pfister '00, Ryan Ochylski '01; **Associate Night Editor:** Ágnes Borszéli.

*The Tech* (ISSN 0148-9607) is published on Tuesdays and Fridays during the academic year (except during MIT vacations), Wednesdays during January and monthly during the summer for \$45.00 per year Third Class by *The Tech*, Room W20-483, 84 Massachusetts Ave., Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial; (617) 258-8324, business; (617) 258-8226, facsimile. **POSTMASTER:** Please send all address changes to our mailing address: *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029. Telephone: (617) 253-1541, editorial; (617) 258-8324, business; (617) 258-8226, facsimile. **Advertising, subscription, and typesetting rates available.** Entire contents © 1998 *The Tech*. Printed on recycled paper by MassWeb Printing Co.

# The Real Right-Wing Conspiracy

After One Gay Man is "Healed" in Wyoming, Ultra-Conservatives Continue to Trumpet Their Tune

Naveen Sunkavally

Matthew Shepard was "healed" last Monday. The purgatory to which he went cleansed him of his sin all right. Unfortunately, the cleansing worked a bit too well.

By now, most have probably heard about how two men kidnapped Shepard, a University of Wyoming freshman, from a bar, drove him out to a remote ranch, beat him up severely, and left him to die while tied to a fence in near-freezing temperatures. It took nearly 18 hours for a passerby to discover Shepard's unconscious body dangling from the fence post, and another five days — until last Monday — for him to die.

Who do I blame for this senseless death? While full responsibility for the death lies directly in the hands of the two men who committed the crime, I also blame conserva-

tive organizations and conservative Republican leaders in America today. That means the Christian Coalition, the Family Research Council, and their puppets in Congress such as Trent Lott and others. These organizations have created an atmosphere in which such heinous hate crimes such as these can take place in the first place.

It's just hard to believe that in America there can exist opinions so polarized on the topic of homosexuality. The ultra-conservatives have made it their silent agenda to exterminate homosexuality through Biblical healing, while another group, of which I'm part of, could care less whether a person is homosexual or not. "Cured" or "healed," which are the usual words used by the Coalition or the FRC, imply the homosexuality is some sort of disease, a disease that can be fixed by discovering the Bible and its true meaning. Trent Lott went as far as to liken homosexuality to kleptomania, a psychological disorder.

These right-wing organizations and their moralizing agenda — their central purpose is to present the Bible as the center of government, to proselytize the entire mammalian population and more with their Biblical rants

— this is the true right-wing conspiracy that is plaguing Republican leadership today. By espousing such a ridiculous view and then foisting that view on top of the country, conservative organizations are creating an atmosphere of intolerance against homosexuals. What's worse is that no Republican can take a definitive stance against this moralizing demon of lobbying without wreaking havoc on his or her political career. The majority of America is not made up of Biblical zealots; yet the majority of America must suffer under the political force of these zealots.

The Bible is a great text — don't get me wrong. Historically, it is perhaps the single-most influential text in Western culture. But the Bible is just that — a document, a text, whose influence on national law should end there. Church and state should be separate entities, but with the Christian Coalition and the Family Research Council breathing down the necks of half the Republican leadership, it hardly seems that church is separate from state. Rational thought, which is the center of any government, should not be suffused with, uncorroborated, irrational religious rants.

Personally, I think that Trent Lott should be forced to live with a homosexual with the rest of his life. And, if I wasn't such a big fan of the First Amendment, I'd have the Christian Coalition shut up in a closet and silenced ad infinitum for their sheer idiocy.

That being said, I hope our Congress will take this auspicious opportunity to enact the federal Hate Crimes Protection Act, which would expand hate crimes to include those crimes based on sex, disability, and sexual orientation. This bill is backed by President Clinton and most Democrats in Congress — the only holdouts are right-wing Republicans backed by ultra-conservative organizations.

For 21 states, such an enacting would mean nothing different because 21 states already have hate-crime laws based on race, religion, color,

national origin, and sexual orientation. And for 19 other states, enacting Federal hate-crime laws won't be such a big step because those 19 states already have hate-crime laws based on race, national origin, religion, and color. For those 19 states, it makes sense that if there are already civil protections for people based on race and religion that there should also be protection based on sexual orientation.

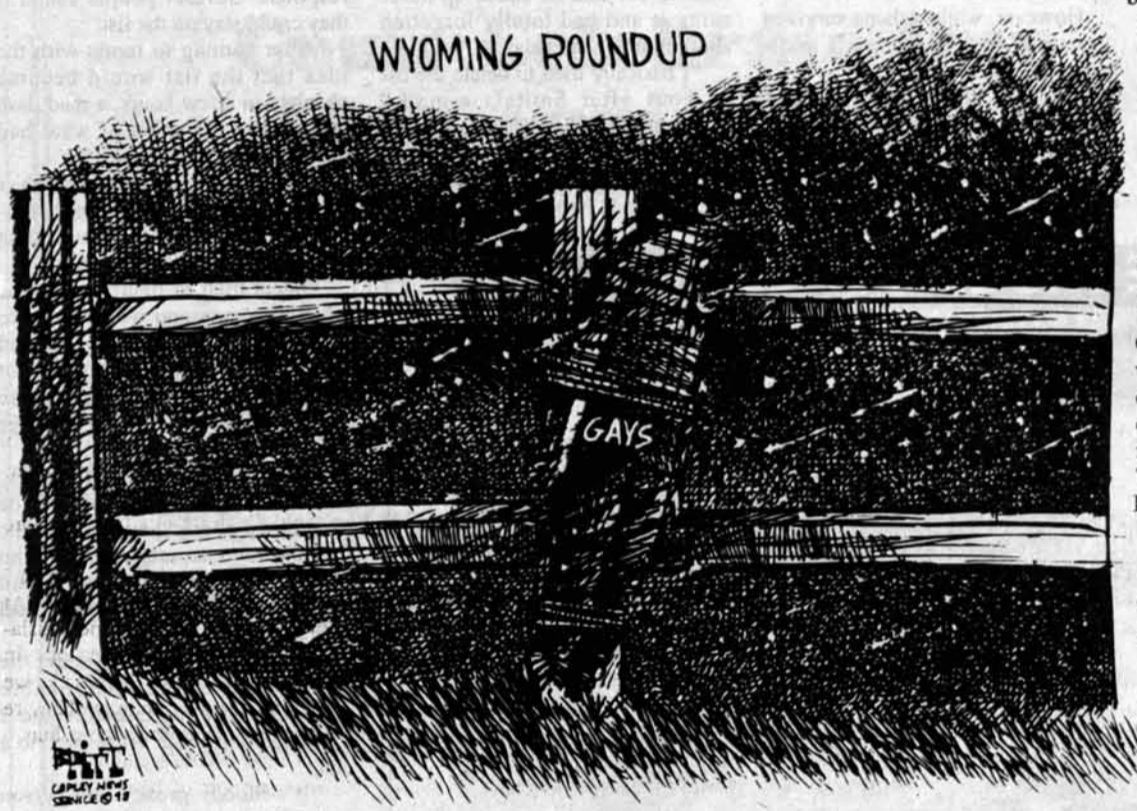
It's the other 10 states that have no hate-crime laws that will pose the problem. One of those 10 states, incidentally, is Wyoming, which has resisted passing hate-crime legislation three times since 1994.

Opponents of hate-crime laws, namely Christian conservatives, claim that such laws would infringe on their freedom of speech, that it would silence opposition to the homosexual agenda. How ironic that those whose unstated goal is to exterminate homosexuality through "curing" are now fearing being silenced by hate-crime legislation! But the truth of the matter is that hate-crime laws will do nothing to hamper freedom of speech. Christian conservatives can still rant however much they want about the holiness of a sound family. If a Christian conservative or another person, however, decides to murder someone because he or she is a homosexual, then prosecutors will have another weapon in hate-crime laws.

In the case of the Matthew Shepard murder, robbery was stated as the primary motive by the police, and Shepard's homosexuality was given as a possible second motive. In Shepard's case, hate-crime laws would have done little, because the defendants already are charged with robbery, kidnapping, and murder. Indeed, in most cases, hate-crimes laws would have little effect if there are more severe crimes committed.

However, hate-crime laws could prove to be valuable deterrents. By enacting hate-crime laws, the United States can send the message that it will not tolerate violence against homosexuals — or against any group of people. By enacting hate-crime laws, the country can foster a positive attitude of tolerance towards homosexuals. It would help reverse the current attitude brought to us from the Bible by Christian conservatives — that homosexuality is a sin and people should be punished for it. Only Christian conservatives, those of an era bygone who can't accept the world for what it is, who fear the ever-increasing diversity of America, will have reason to worry with federal hate-crime legislation. But their reason for worrying, like most of their other views, are simply unfounded.

## WYOMING ROUNDUP



## Riding Ponies and Swimming in Red Ink

Michael J. Ring

Acting Governor Paul Cellucci has been prancing around the Commonwealth of Massachusetts since the primary claiming that his opponent, Attorney General Scott Harshbarger, is fiscally irresponsible. His web of lies and falsehoods about the attorney general's record unfortunately has driven much of the media attention in this race. I am baffled by Cellucci's decision to stress fiscal issues in his campaign, since on this issue he lives in a glass house.

This past week, not stones but boulders were heaved, shattering the image of the acting governor and changing the tone of his campaign. The attorney general has decided to raise Cellucci's mind-boggling debt as an issue in this race. The acting governor has rung up nearly three-quarters of a million dollars in red ink. This self-proclaimed guardian of fiscal responsibility has left his personal finances in shambles.

The deficit alone is not reason to dismiss Cellucci's candidacy. But its staggering amount and Cellucci's unwillingness to answer simple questions about his shaky finances should destroy the trust of every voter worried about fiscal responsibility in government. As we shall soon see, Cellucci's borrowing mentality in his personal life has spilled over into his public handling of executive duties, socking the working people of Massachusetts with a backdoor tax increase.

Cellucci tries to spin his debt as that of a blue-collar guy trying to earn a slice of American life for his family. He points to home renovations and the college tuition bills of his daughters as the sources of his debt. He also claims he pays his bills on time. Beyond that there's not much more he'll ever tell us.

Not so fast, Paul — let's have the whole story. We, the electorate, should ask him the tough questions, though it looks like we have to rely on the media, and not the candidate, for the answers. Paul, you say your home renovations amounted to \$130,000, but why did you only file permits for \$21,000 worth of improvements, as reported in the *Boston Phoenix*, and why do you refuse to explain the gap?

You say the salary drop from being a lawyer in private practice to being lieutenant governor fueled your debts. But couldn't most wise, fiscally prudent Bay Staters live quite comfortably, thank you very much, on the high-five-figure salary of the state constitutional offices? What about your little trips to the ponies? There's nothing wrong at all with a day at Suffolk Downs once in a while, but you've been plunking a lot down on the horses, according to some reports. And let's not forget those credit cards, Paul: The newspapers about town say you owe tens of thousands in high-interest, credit-card debt.

Is this your motto in leading the

state: spend now, pay later? Of course, Paul, we could all live in the lap of luxury if we had the credit connection you did. *The Boston Globe* informed us this week that, starting in 1989, you have tapped the Community National Bank, your hometown bank, for unsecured loans now totaling above \$100,000, but whose exact amount only you and God know.

I wish I could get 1,000 C-notes with no collateral, just a snap of the finger, like you. Oh, and who's that Argeo R. Cellucci on the board of directors of the Community National Bank? He's your father. But we're not out to be mean and nasty, Paul. We'll give you credit (and why not, it seems that several banks in your hometown have) for putting up collateral, in the form of stock in your family business, for obtaining another huge loan from a different bank, the Hudson Savings Bank.

All this red ink doesn't reflect well on Cellucci as a person, but it does not itself directly affect the acting governor's ability to lead the state. However, it is a symptom of a debt mentality in the mind of this politician. He wants to run the state the same way as he has run his personal finances: get a lot of money up front at the price of potential financial destruction.

This past summer, Cellucci vetoed millions of dollars in projects for schools, libraries, and other community needs across the state. Rather

than come across as a shallow, slash-and-cut Republican, though, Cellucci said that instead of paying out of a record state surplus, Massachusetts should finance these projects through bonds. But as is usually the case with this slick dealer, the numbers don't add up.

Massachusetts currently enjoys a billion-dollar-plus state surplus, the largest in state history. The questioned projects would only have cost a fraction of that surplus.

There was plenty of room still for Cellucci's precious election-year tax cut to dress up his record in public office. By demanding these projects be financed through bonds, however, the costs of these projects will be with the people of Massachusetts for years. Instead of paying up front with money we already have, Cellucci wants to pay interest on these bonds for years. Taxpayers will be carrying the burden of these bonds for many years to come.

The state under Weld-Cellucci has been doing a lot of borrowing. The Republican tag-team has launched us to the third largest debt of any state in the nation. Faced with a shaky stock market, several major rounds of layoffs in the past month alone, and burgeoning bills for the Big Dig, the state suddenly does not look that fiscally sound after all. When a downturn hits, how are we going to all manage this debt? As long as Paul Cellucci is allowed to remain in office, the people of Massachusetts will be socked with a massive burden of debt. That's why I'm voting for the true fiscal conservative in this race: Attorney General Scott Harshbarger.



# Over 1,000 People Receive *ccpeople* Spam E-mail

By Zareena Hussain  
NEWS EDITOR

It began with simple curiosity. On Friday morning, Smita K. Edulji '02 was in Athena with a friend checking the e-mail lists to which she was subscribed when one name popped up that perplexed her. The list *ccpeople@mit.edu* was both private and invisible, meaning

Edulji could see neither the members nor the administrator of the list. Intrigued, she sent out an e-mail to the list, trying to find out who was on it. "I initially thought what it was was some personal group that someone had created," Edulji said. When she sent out that e-mail, Edulji received a message back that

made her know she hadn't sent the e-mail to just a few friends, she said. A message from the MIT mail servers warned her the list *ccpeople* was so large that not all the people on the list received her e-mail.

"And then, it all just started," Edulji said.

A barrage of messages soon followed. In excess of 150 e-mails were sent to the list, which, according to Joanne Costello, coordinator of information technology support planning in Information Systems, had more than 1,600 addresses. Mostly, the list referenced other large MIT-hosted mailing lists. The only individuals named on *ccpeople* were from outside MIT, Costello said.

However, the barrage of e-mail messages did not pose any serious problems to the Athena mail servers, Costello said. This was because none of the messages used up a large amount of memory. While a total of 240,000 e-mails (150 messages to 1,600 users) sounds impressive, it is actually small in comparison to the amount of traffic a server can handle, she said.

However, while Athena survived unscathed, most *ccpeople*'s mailboxes did not.

Ironically, the spam was created by members of the list itself. The first few e-mails to the list were sent by those who were, like Edulji, curious to solve the puzzle of what all

those on *ccpeople* had in common.

One person wrote, "Not to start a whole 'who is everyone' fest, but this is a little odd, no?"

Some suggested that the list was everything from "a class of 2000 thing," to a "concert choir thing," to a hack.

"Whoever is behind this is probably... laughing so hard right now," one person wrote to the list.

However, not all subscribed to the list were amused by the first few e-mails.

The messages soon snowballed. Most that followed came from people e-mailing the list asking to be removed from the list. One even threatened he would sue the administrator.

## Creator tries to shut down list

In the meantime, soon after the e-mails had started, the until-then-elusive administrator, Alankar Chhabra G, tried to delete the list. Chhabra had created the list two years ago to inform students of international events happening in Boston, but said he ended up never using it and had totally forgotten about it until last Friday.

"I basically tried to delete the list an hour after Smita's e-mail," Chhabra said. When he still saw mail being sent to the list a few hours later, he went directly to Costello, who informed him the list would not

be deleted until 2 a.m. the next day.

Because the list included other groups and not individual names, people could not use commands such as *blanche* to take themselves off the list.

Since it was nearly impossible to decipher with any certainty which MIT list an individual was subscribed to that in turn was subscribed to *ccpeople*, no one on the list could remove themselves before 2 a.m., when the list was ultimately shut down. Chhabra e-mailed the list that it would be shut down by 2 a.m., but that did not stem the tide of e-mails.

Some e-mails bordered on the malicious, with one person using an alias to send seven copies of a Shakespearean soliloquy to the entire list.

Others used the list as ways to advertise events, such as concerts, film series, the fall festival, and Leadershape.

## Some use list as social outlet

The prospect of closing down the list elicited another, unexpected response. Several people asked if they could stay on the list.

After coming to terms with the idea that the list would become obsolete in a few hours, a mad dash to preserve the spirit of what had happened that day began.

One person created a zephyr class called *ccpeople* to which people on the original *ccpeople* mailing list could voluntarily subscribe.

Others tried to figure out a time when everyone one who wanted to could find the other people who had been a part of the phenomenon of *ccpeople*. They agreed on the Muddy Charles Pub in Walker Memorial at 4 p.m. Monday.

Legendary East Campus resident Jack Florey, using a World Wide Web-based address, even joined the fray. Florey encouraged those who had created the zephyr class and who had decided on a place and time to meet.

But at this point, most spent the time enjoying the unstoppable avalanche of e-mails before the 2 a.m. deadline would bring them to a halt.

"It's bloody great," one person wrote, labeling himself a "*ccpeople* victim"

"It's brilliant! It's wonderful, it's life affirming nonsense," wrote Javier Chavez '01.

"I thought the influx was pretty funny," said Susan E. Rushing '99. "It was nice to see that some MIT students have a sense of humor."

"It was one of the funniest things I've seen since I've been at MIT," said Ashok Eastman '99, who was also on the list.

But despite the revelry of the weekend, according to the bartender on hand at the pub Monday afternoon, no horde of people showed up at 4 p.m.

## Friday's barrage not uncommon

The snowball effect that happened starting with Edulji's e-mail Friday, "is actually a very common phenomenon," said Assistant Professor of Media Arts and Sciences Judith S. Donath, head of the Sociable Media research group. "It happens quite often."

In these situations, when people find themselves on mailing lists they don't want to be on, a lot of the responses tend to be "a little like people honking their horns," Donath said.

People think "I have been bothered, so other people can be bothered," she said.

Often people, at the time they send an e-mail asking to be taken off a list or complaining about an e-mail list don't realize they are sending their message to so many other people, she said.

"People conflate the message process with the list," Donath said. At some point, "there is no reasoned response."

Anne R. Lavin, a research staffer in the department of foreign lan-

Going Away?  
Don't forget to bring a friend!

Nice people.	Great advice.	Cheap tickets.
London	\$328	
Fort Lauderdale	\$178	
San Francisco	\$236	
Lima	\$603	
Honolulu	\$677	
Beijing	\$858	
Johannesburg	\$1028	

Fares are RT. Do not include taxes. Restrictions apply. Are subject to change.  
Be an on campus intern! EARN FREE TRAVEL!  
call 1-888-council for more details

**Council Travel**

CIEE: Council on International Educational Exchange  
273 Newbury St. Boston  
12 Eliot St., 2nd Floor, Cambridge  
MIT Student Center W20-024, 84 Massachusetts Ave. Cambridge

[617]-266-1926  
[617]-497-1497  
[617]-225-2555

www.counciltravel.com

**Insisting on the Impossible**

From those amazing instant cameras to spy-planes and satellites,

the founder of Polaroid lived one of the great creative and entrepreneurial success stories of our age. This masterful biography tells that story in enthralling detail. I found myself completely caught up."

—Richard Rhodes, author of *The Making of the Atomic Bomb* and *Deadly Feasts*.

## CELEBRATE THE LIFE OF EDWIN LAND



and publication of

## Insisting on the Impossible: The Life of Edwin Land Inventor of Instant Photography

featuring a discussion with

**Victor K. McElheny**, founding Director of the

Knight Science Journalism Fellowships at MIT and author of

*Insisting on the Impossible*. Moderated by holography pioneer and

Land associate **Stephen Benton**, with: the

founder of Digital, **Kenneth Olsen**, Nobel Prize-

winning biologist, **David Hubel**, and Apollo Program

Professor of Astronautics at MIT **Laurence Young**.

**Thursday, October 22, 1998 7 pm**

**MIT 34-101** 50 Vassar Street, Cambridge.

authors@mit

a series sponsored by MIT Libraries and The MIT Press Bookstore  
Free and wheelchair accessible. Info: 253.5249 or authors@mit.edu

*Insisting on the Impossible* is published by Perseus Books.

Books are available at a discount the week of the event.

# LaVerde\*s Market!

LaVerde\*s Market Celebrates

**10 YEARS  
AT MIT!**

**Come Celebrate Our  
10th Anniversary!**

We have remodeled the store!

Come on in and have a cup of coffee or a fountain soda **FREE** with the coupon in our ad.

**OR...** See Jay or Tracy during the day, or Mike or Ray in the evening for coupons!

**ALSO...** Enter our drawing for prizes to be given away on Oct. 30th!

MOUNTAIN BIKE • COLOR T.V. • FUTON

**AND THE GRAND PRIZE...**

**3 Nights Plus Round  
Trip Airfare To The  
Henry VIII Hotel  
In London, England!**



**COUNCIL  
TRAVEL**

- Cheap Tickets
- Great Advice
- Nice People

MIT Student Center  
84 Massachusetts Ave  
Cambridge  
617-225-2555

No Purchase Necessary

## GROCERY



Regular or Diet - All Flavors  
**2 Liter  
Coca-Cola..... 89¢**  
Plus Dep.

16.9 oz. Non Carbonated  
**Poland Spring  
Water..... 3/\$1**

7 oz. Asst. Var.  
**Lay's  
Potato Chips..... 99¢**

24 oz. Loaf Three Seed or Winter Wheat  
**Arnold  
Master's Best Bread.. 1.99**  
Save 1¢

50 oz. Liquid  
**Fab Laundry  
Detergent..... 1.99**

All  
**Aero  
Housewares..... 1/2 PRICE**

**\* We will be glad to shop and deliver  
your order within a 1 mile radius  
of the campus for FREE**



**CALL: 617-621-0526  
FAX: 617-621-1389**

We would like to take this time to express our thanks to all of you here in the M.I.T. community for your patronage over the past 10 years. **WE ARE HERE TO SERVE YOU**, and to make every visit to LaVerde\*s Market as pleasant as possible.

Thanks Again,  
Marc

Located on the First Floor of the Stratton Student Center on the M.I.T. Campus at 84 Mass. Ave. Cambridge, MA

# LaVerde\*s Market

Open: Mon. thru Sat., 7 a.m. to Midnight., Sunday 8 a.m. to 11 p.m.

We reserve the right to limit quantities and are not responsible for typographical errors.

Prices Effective Sunday, Oct. 18 thru Saturday, Oct. 24.

# Kill the CHILL SALE

with  POLARTEC



The Ultimate Outdoor Adventure Store  
featuring Apparel, Footwear and Accessories  
for Men and Women



Come in now and take an additional **10%** off purchase of \$50 or more with your college ID

Cambridgeside Galleria Mall, Cambridge  
South Shore Plaza, Braintree • Holyoke Mall, Holyoke  
Burlington Mall, Burlington

Key Code 11

## Panel Presents Talk On Global Finances

By Jennifer Chung  
ASSOCIATE NEWS EDITOR

The fifth annual Catherine N. Stratton Lecture on Critical Issues was held yesterday in front of a large crowd at the Wong Auditorium.

Moderated by Institute Professor Emeritus Robert M. Solow, the topic was "Global Financial Crises: Dangers and Opportunities", and the distinguished panelists were Professor of Economics Rudiger W. Dornbusch, Marina v. N. Whitman, professor of business administration and public policy at the University of Michigan, and Janet L. Yellen, chair of the President's Council of Economic Advisers.

The panel was sponsored by the MIT Women's League.

### Panelists discuss current issues

Explaining the current Asian financial crises, Dornbusch stated that "vulnerability is the issue," in the first of the three presentations. Poor supervision and poor regulation were some of the factors he cited as contributing to the financial crises of some nations.

Dornbusch began by suggesting that financial crises are related either to "sleazy governments" or hedge funds. However, Dornbusch indicated that the main reason for the crises was the rapid financial

deregulation which allowed large cross-border liabilities and investment in at best long-term, liquid projects.

"Almost every country in the world has been impacted" by the current Asian financial crisis, Yellen said in the second presentation. As an example, Yellen said that Chile and Peru have been hit by falling copper prices.

### Predictions for Future

The outlook for Japan is bad, "like finding out your mother-in-law has a twin sister," Dornbusch said. Dornbusch also predicted that Brazil will be next, because it has "huge short-term liabilities, and it has already lost \$40 billion in reserves," he said.

In Indonesia, "the questions are much bigger," Dornbusch said. In that nation, there are possibilities for hyperinflation and governmental instability.

"The United States has "not remained unaffected by this," Yellen said. Exports have declined, and impact from the crisis has amounted to \$30 billion, she said.

"We hope that with good policy and good luck, the United States will be okay," Yellen said. "It is extremely important that we are starting from a position of strength," she said.

Join *The Tech*.

Check us out over dinner.

We eat in Room 483 of the Student Center every Sunday at 6 p.m.

A major  
force in

# Global Corporate Finance

Taking  
you  
wherever  
you  
want  
to go.

Equal Opportunity Employer

Tuesday, October 20, 1998  
7:00 p.m.  
MIT  
Building 4, Room 149

BA Presentation  
A brief presentation will be followed by informal discussions with bank representatives.

Few career opportunities present the unique, intriguing challenge to play a key role in what has been recognized as a landmark event. BankAmerica and NationsBank corporations have completed a merger of unprecedented scope in the banking industry, with the goal of becoming a premier financial services organization for the 21st century.

Consider becoming a part of business history. And, in the process, begin a career path that can take you wherever you want to go.



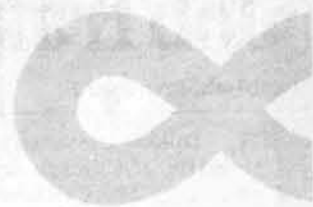
BankAmerica

www.bankamerica.com

NationsBank Montgomery Securities

NationsBank

www.nationsbank.com



## Suits don't run this business. Code does.

D. E. Shaw & Co., L.P. is a global investment bank founded by a former Columbia University computer science professor. The firm started in 1988 with seven employees, an initial investment of \$28 million, and a plan for applying quantitative and computational techniques to the securities business. Today, the D. E. Shaw group comprises about a dozen closely related entities with a staff of over a thousand and aggregate capital of \$1.7 billion. At the core of our business are systems and algorithms that move hundreds of billions of dollars a year, and the extraordinarily gifted programmers and systems architects who build them.

As you might expect in a firm largely run by computer scientists, we do things a bit differently from the rest of Wall Street. We wear jeans and sneakers. We value technology over bureaucracy. And we see to it that good ideas get implemented. We're growing fast, and we compensate exceptional people exceptionally well.

**To be considered for an on-campus interview in February, please submit your resume and a cover letter stating your GPA and standardized test scores to Career Services by October 22.**

*Broker-dealer activity of D. E. Shaw & Co., L.P. is conducted in the United States through D. E. Shaw Securities, L.P., D. E. Shaw Investments, L.P., or FarSight Financial Services, L.P., which are registered as broker-dealers with the United States Securities and Exchange Commission and are members of the National Association of Securities Dealers, Inc.*

*D. E. Shaw & Co., L.P. does not discriminate, in matters of hiring or promotion, on the basis of race, color, religion, gender, national origin, age, military service eligibility, veteran status, sexual orientation, marital status, or disability.*

# JobTrak Programmer Comes to MIT to Fix Problems

JobTrak, from Page 1

MIT, Duke University, the University of Chicago, and the University of California at

Berkeley, among others.

## JobTrak working to fix errors

Oppold's letter said that complaints were about JobTrak, a sepa-

rate program, but according to Kenneth Ramberg, co-founder of JobTrak Corp., the author of the commercial package including both programs, the errors with the system

were confined to InterviewTrak.

"The main problem was the unbelievable amount of demand that was placed on the system," Ramberg said.

JobTrak, a separate system that is used to post job announcements, "has been working fine for ten years." To correct the problems with InterviewTrak, JobTrak Corp. installed two new servers to handle to heavy flow of data.

In response to the concerns over the InterviewTrak system, Ramberg was invited to MIT by the Career Services Center Thursday and Friday and met with Oppold, Associate Dean for Residence Life and Student Life Programs Katherine G. O'Dair, other students, and the staff of the Career Services Center.

Ramberg will be returning to campus this Thursday, when he will meet with students in forums at noon and 6 p.m. to discuss specific problems and gather suggestions on the system, said Christopher Pratt, director of the office of career services and preprofessional advising.

"Ken Ramberg will participate in these forums, along with members of the [Career Center] staff and an employer representative who has used the system for scheduling interviews for her on-campus recruiting visit," Pratt said. "The goal is to hear from representatives of all InterviewTrak users — students, staff, and employers."

"We greatly appreciate all the feedback we've received from MIT students," Ramberg said.

## Paper resumes will not return

According to Oppold, returning to paper resumes is no longer under consideration. A survey conducted

by the Career Services office showed that "very few students ... would prefer to return to the manual paper process we used in the past," he said.

"We have been convinced that reinstating the paper system is not a viable option, and thus are focusing our attention and fixing InterviewTrak," said Oppold.

In response to the suggestion that MIT students return to a paper resume system, Ramberg said MIT students get "tens of thousands [of job listings] that you normally wouldn't get if you weren't on the network" through the JobTrak program.

Ramberg said he does not believe that the web resume format puts JobTrak and InterviewTrak users at a disadvantage in the eyes of employers.

"I've met with over 600 employers ... and they are much more concerned with content over the format that was used," he said. "Employers understand that the Internet is the wave of the future... and there are going to be some limitations."

## Long term assistance proposed

"We have requested that JobTrak send a customer representative to our office to serve both employers and students who may need assistance in need assistance in using the system," Pratt said.

The UA is also planning to provide resources to students who experience difficulty with JobTrak.

"I have contacted a few students, including the Student Information Processing Board, to help other students with InterviewTrak questions as if it was Athena supported software," Oppold said.



GARRY MASKALY—THE TECH

After complaints about the new electronic InterviewTrak system for resume submission, the Career Services office is planning to work with the software developer to increase its reliability.

## IT'S AMAZING WHAT YOU FIND WHEN YOU LOOK BENEATH THE SURFACE.

ATL Ultrasound is the world leader in diagnostic imaging technology. When you join us as a Software Engineer, you'll work on some of the most challenging, important projects in medical technology, like our state-of-the-art HDI 5000 ultrasound system. Which means you'll do more than advance the science of ultrasound. You'll help save lives. If you want to work with the best minds in the business, on projects that make a difference, in an environment you'll really love — featuring a workout room, indoor and outdoor basketball and volleyball courts, and market-style cafeteria — please stop by our booth at the **SWE Career Fair** to speak to some of our engineers on **Friday, October 23, from 9am-3pm**, in the Dupont Gymnasium.

We are currently scheduling interviews for positions in the following areas:

### SOFTWARE DEVELOPMENT

- Digital Signal Processing
- User Interface/Image Analysis
- Tools & Integration
- Acquisition Software
- Platform Software
- Information Management
- Virtual Ultrasound & Imaging

Most positions require a minimum BSCS/EE or equivalent and software development knowledge in C/C++ in a UNIX or NT embedded systems environment. ATL is located in Washington state, just 30 minutes northeast of downtown Seattle. With some of the most spectacular scenery and a wide variety of recreational and outdoor activities — including hiking, camping, mountain climbing/biking and skiing — the Puget Sound area is consistently recognized as one of the most desirable places to live in America.

If you are unable to attend the SWE Career Fair, and would like to be considered for on-campus interviews, please e-mail your resume today to:

[merick@corp.atl.com](mailto:merick@corp.atl.com)

For more information and a complete listing of current job openings, please visit our homepage at:

<http://www.atl.com>

ATL Ultrasound is proud to be an Equal Opportunity Employer.



We Are Ultrasound. **ULTRASOUND**

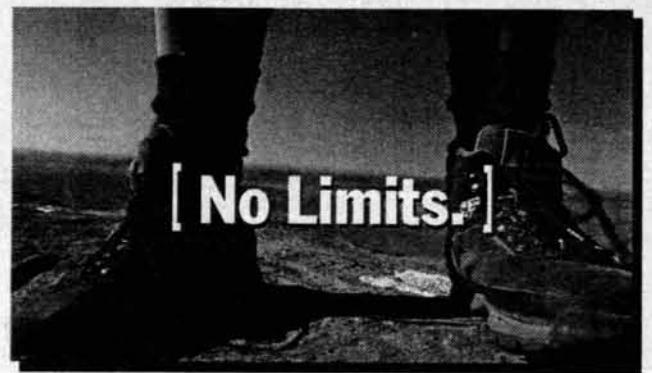
## IT CAN KILL YOU IF YOU DON'T RECOGNIZE IT.

Depression strikes millions indiscriminately. Depression is MOST dangerous when it goes unrecognized. Always be aware of the threat and don't always believe everything you feel.

**UNTREATED DEPRESSION**  
#1 Cause of Suicide

Public Service Campaign on Depression and Suicide. For more information: <http://www.save.org>

This space donated by The Tech



Schlumberger stands alone at the top of the technology world.

Because we hire people with the confidence and ability to challenge the status quo.

If you want a career with no limits, step into a company that knows none.

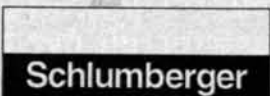
We'll give you a chance to stand on your own two feet.

### [ MIT Interviews ]

**Information Meeting:**  
October 21st, 1998 • 5:00pm-7:00pm • 3-270

**Interviewing:**  
October 22nd-23rd, 1998

[www.ultimatejob.com](http://www.ultimatejob.com)



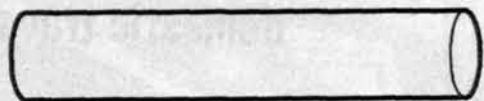
An Equal Opportunity Employer.

# BOSE® OFFERS ENGINEERS MANY CHALLENGES.

## HOW WOULD YOU SOLVE THIS ONE?

### 1

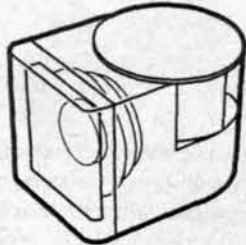
#### FIT THIS TUBE



- 4" long.
- 3/4" inside diameter.
- This tube will serve as a loud-speaker port.
- The cross-sectional area must remain within 2.5%.

### 2

#### INTO THIS ENCLOSURE



- 2 1/4" H x 2 1/4" W x 3 3/16" D.
- The port – along with the transducer – must be fully enclosed in this space.

### 3

#### WITH THESE CONSIDERATIONS

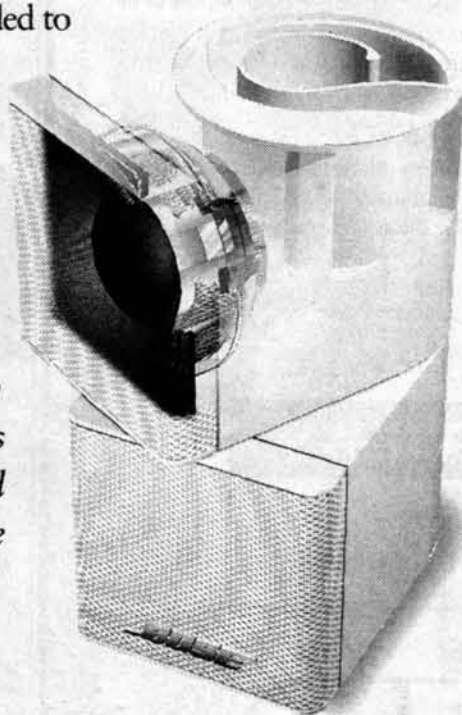


- Air will travel through this port at peak speeds exceeding 150 mph.
- Audible port noise must be completely eliminated.
- The more volume used by the port, the less efficient the speaker becomes.

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

Bose engineer Laura Schroeder, the development team leader on the project, describes the experience. "With the amount of research that was required, I don't think you could have done this anywhere else. The

company believes in research whole-heartedly, and they understand what that kind of commitment means in terms of time and money. Just look at the track record; it has been so successful, so many times."

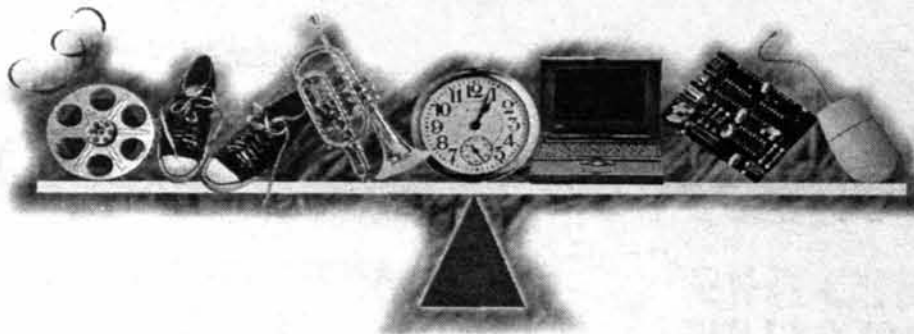


Creating the Jewel Cube® speaker required a combination of about 40 different innovations and technologies. This spiral port is just one of them. The need for innovative solutions like this one continues at Bose Corporation. We need people who thrive on solving challenging problems and have a tremendous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

**BOSE®**  
Better sound through research®

For more information fax or e-mail your resume to Lyn Van Huben, Bose Corporation,  
The Mountain, Framingham, MA 01701-9168. FAX: (508) 766-7031. E-mail: lyn\_vanhuben@bose.com Visit us at www.bose.com

**SOLUTIONS FOR THE WIRELESS,  
INTERNET, TELEPHONY, AND BROADBAND  
INDUSTRIES WORLDWIDE.**



## Maintain Your Balance.

Now that you are graduating, you are interested in making a difference in the business world, yet you also want to be active outside of the office. At Kenan Systems, we highly value such goals, and strive to maintain that balance through a collegial work environment where talent is cherished and excellence is nurtured. We dedicate ourselves to both the personal and professional growth of each of our employees. It's how we have become a leading global software company of over 700 employees and the employer-of-choice for smart, collaborative, innovative people like you.

Kenan Systems Corporation is the leading provider of billing, customer care, order management and decision support software products and services to the communications services and media distribution industries. Kenan products and services allow single- or multi-service providers to grow and enhance relationships with customers, promoting customer satisfaction and retention.

With offices throughout North America, Europe, and Asia Pacific, Kenan software solutions have been licensed by many of the world's leading communications companies, including AT&T, BellSouth International, US West, British Telecom, France Telecom, Cegetel, GTE Internetworking, WorldCom, Optus International, and Videotron. We have outstanding opportunities in the following areas:

### SOFTWARE DEVELOPMENT

The product development group offers several excellent opportunities, designing, developing, and delivering state-of-the-art software products in the rapidly expanding markets for billing, customer care, and multi-dimensional OLAP technology.

### PRE-SALES CONSULTING

Pre-Sales Consultants obtain and analyze client's business and technical requirements, develop and present custom product demonstrations, manage client meetings, and represent the company at industry events and trade shows.

### CONSULTING

Consultants work in small entrepreneurial teams to manage all areas of client interaction on software implementation. They define solution requirements, perform analysis, and employ targeted development using state-of-the-art technologies. Projects span all sectors of the communications industries including Wireline Telephony, Wireless, Broadband, and Internet Services.

### MARKETING

Product and Industry Marketing offer client-facing opportunities for graduates with an interest in the business of Information Technology.

An equal opportunity employer

## ON CAMPUS INTERVIEWS

FRIDAY, NOVEMBER 6, 1998

To be considered, please submit your resume to Career Services.

COME VISIT US AT  
**WWW.KENAN.COM**

If unable to see us on campus, please e-mail resumes to  
[Kenan@webhire.com](mailto:Kenan@webhire.com)

# K•E•N•A•N®

CAMBRIDGE • DENVER • PRINCETON • WASHINGTON, DC  
LONDON • SINGAPORE • SYDNEY • PARIS • MUNICH

UNIVERSITY OF VIRGINIA SCHOOL OF LAW  
ASSOCIATE DEAN ALBERT TURNBULL

a recruiting visit  
Wednesday, October 28, 1998  
group meetings at  
2:00 & 3:00  
Mezzanine Lounge  
Student Center at MIT

## STUDENT TRAVEL



STA Travel, the world's  
LARGEST student travel organization,  
offers **STUDENT  
DISCOUNTS** on  
domestic travel, too.

**STA**  
**STA TRAVEL**  
We've been there.

(617) 576-4623

65 Mt. Auburn Street

BOOK YOUR TICKETS ON-LINE: [www.statravel.com](http://www.statravel.com)



## Heller Travel

Student Travel Specialists, **LOWEST**  
student and faculty discount airfares.

**HELLER  
TRAVEL**

You just can't get it  
anywhere else!

146 Massachusetts Avenue at Berklee  
Boston, MA 02115 • (617) 236-4300  
email: [heller@berklee.edu](mailto:heller@berklee.edu)

## DANCE UMBRELLA



presents:

**Soweto  
Street Beat  
Dance Theatre**  
October 22-24, 1998

from Soweto,  
South Africa  
performing the Boston  
premiere of "Combo"

"Both high voltage and down and dirty  
with leaps worthy of Baryshnikov."

-The Sunday Times

**\$15 anytime for students with valid ID!**

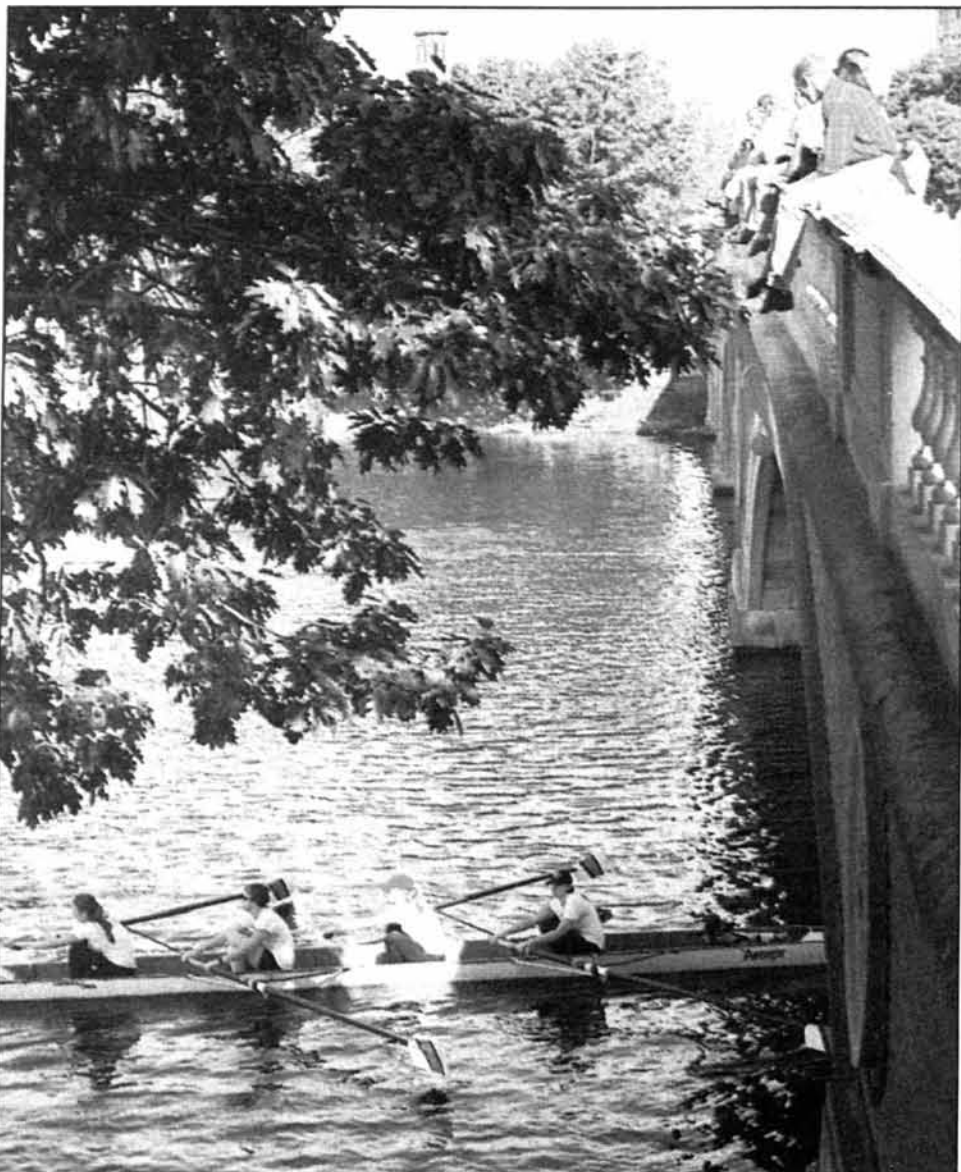
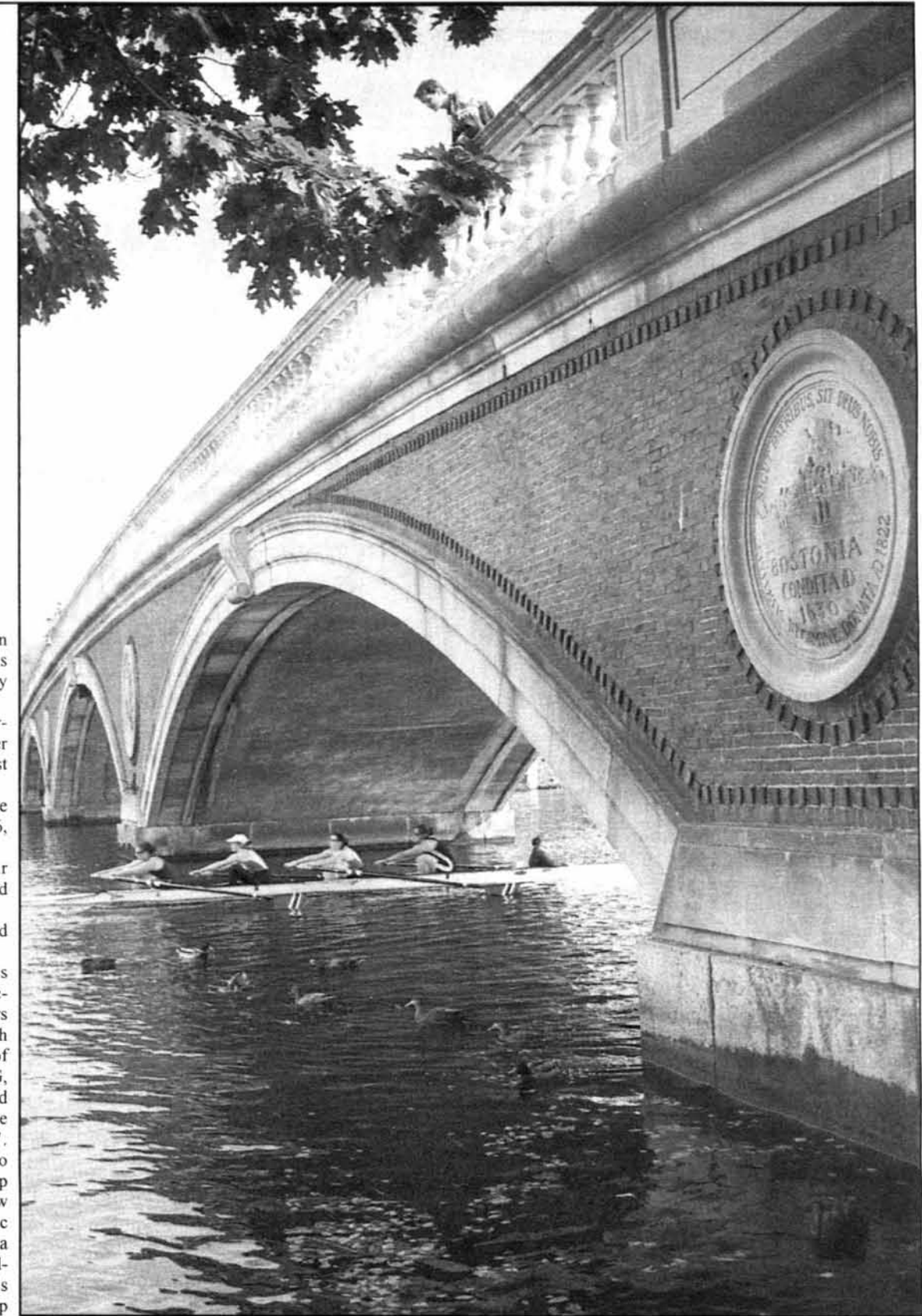
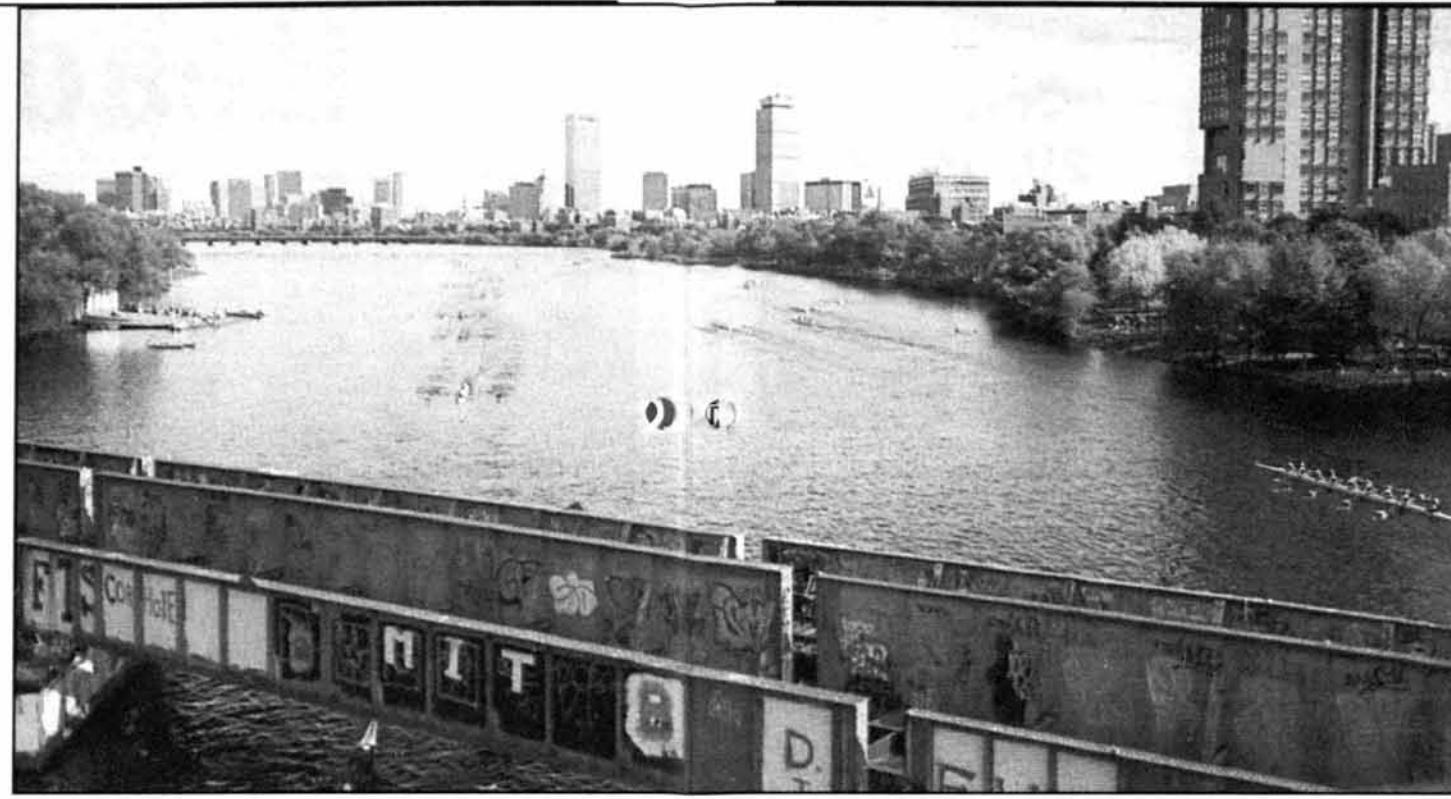
Emerson Majestic Theatre  
219 Tremont St., Boston

Tickets: \$15-\$30

MAJESTIX: 617.824.8000

# Head of the Charles





The 34th rowing of the Head of the Charles Regatta this weekend marked the second year in a row that race was held over a two day period. With over 5,700 rowers representing 22 countries and 400 institutions, this weekend's races marked the largest rowing event in the world.

The 3.2 mile Head of the Charles course, with its sharp corners as well as narrow bridge passings, has proved to be one of most challenging of all regattas. The race begins at the Boston University Boat House, passes under several bridges, and ends with a sharp turn that leads the boats past Elliot Bridge.

The club singles, fours and eights were held Saturday afternoon while the championship, lightweight and youth races occurred on all day Sunday. The Bangladesh and Turkey national teams made their debut this year.

Before 150,000 spectators, the U.S. national team displayed their dominance Sunday by taking home the trophy in the men's championship eights event for the second consecutive year with a time of 14:09.65. The strong Princeton University team finished second, roughly 10 seconds behind the U.S. rowers, and the Pole France Nantes team followed with third place. Rounding out the top five were Yale University and Harvard University.

On the women's side, the Danish Rowing Federation was able to prevent a repeat by Rowing Canada in the championship eights race. The Danish team finished the course in 15:44.66, coming in less than half a second short of the record set by the Canadians last year. The US women's national team was able to capture a distant third place.

In the championship singles, favorite and 1997 champion Jamie Koven was able to repeat as the event winner in the men's division. The unseasonably warm weather, however, took its toll as the competitors were nearly 15 seconds off last year's pace. Koven finished in 17:59.07, well ahead of Ian Watson's second place finish of 18:12.41. Julia Chilicki took the title in the women's championship singles with a 19:37.55 followed by Cindy Brooks at 19:53.65.

This year, MIT entered four men's and three women's boats in the regatta. The men's varsity heavyweights, considerably

better than last year's boat, entered the championship eights race and placed 22nd out of 45 competitors with a time of 15:23.90. The course conditions, however, kept their time only two seconds better than last year's race.

"I think the heavyweight varsity did very well. That bodes well for them for the spring season," said Director of Crew Stuart Schmill '86.

The varsity lightweights racing in the lightweight eights division placed a 19th out of 29 with a time of 16:10.37. Despite beating all non-Division I schools, the lightweight rowers fell short of their coach's expectations.

"I'm a little disappointed in how the crew performed. The Head is our biggest showcase, but it's

not the race we spend the most of our time preparing for because it comes so early in the season," noted Schmill. "I am, however, optimistic about how we'll perform in the spring. We have a good young team with some experienced rowers."

Other entries on the MIT men's side included the junior varsity heavyweight and lightweight boats in the club eights event. The heavyweight team met misfortune as an accident during the race dropped them to 68th place out of 79 teams. The lightweight boat, however, finished with an impressive 33rd place and a time of 16:41.46.

"I was very pleased with the second boat lightweight," said Schmill. "They did better than any junior varsity team I've ever coached just by finishing in the top half of the field."

This year's MIT women's varsity team was the first boat to

enter the lightweight eights race of the regatta in several years. The official results of the women's lightweights race were not posted as of Monday evening.

"Our team did pretty well and we're moving forward in our training for the spring races," said rower Julie Wyatt '01. "It was exciting just to race against the U.S. national team."

The women's team also entered two boats in the club eights race. The first boat finished in 18:27.46, putting them in 16th place out of 70 teams.

"We're happy about our race. This was our fastest time on the course so far this year," remarked Elizabeth Rose '00.

The second boat in the club eights event finished in 55th place with a time of 19:38.82.

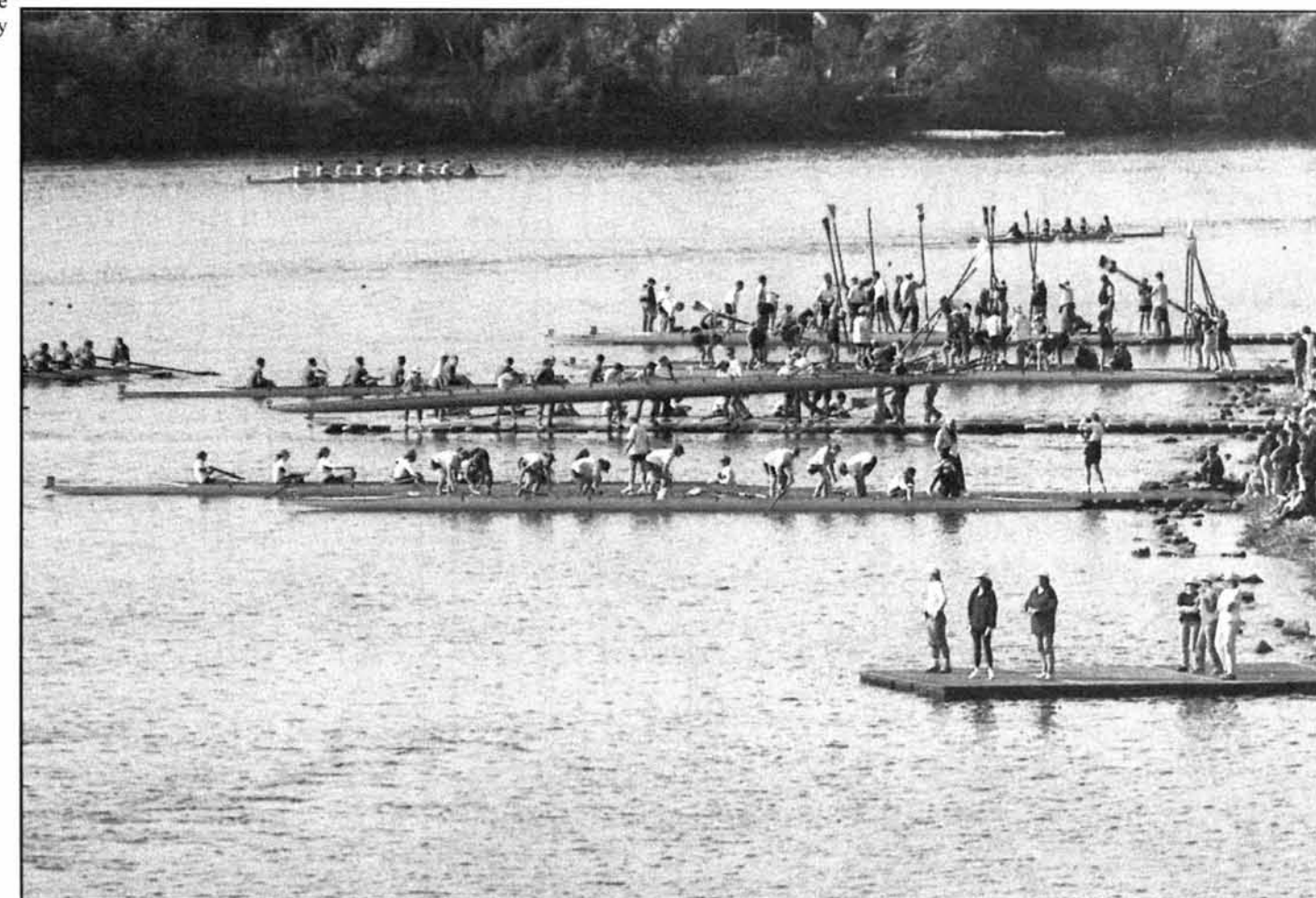
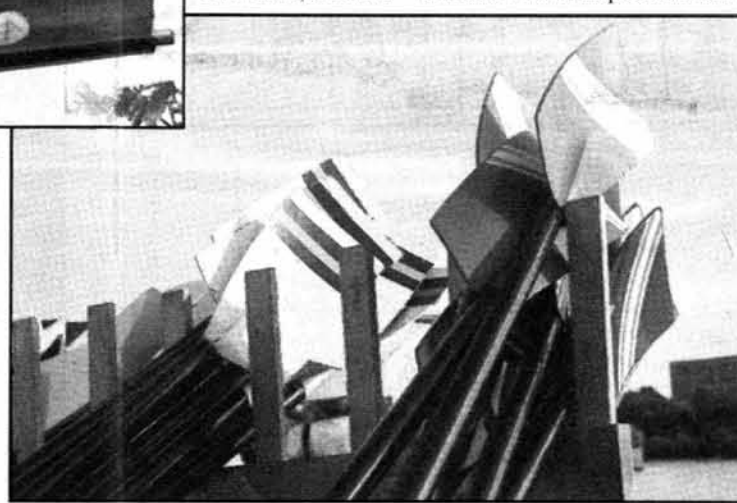
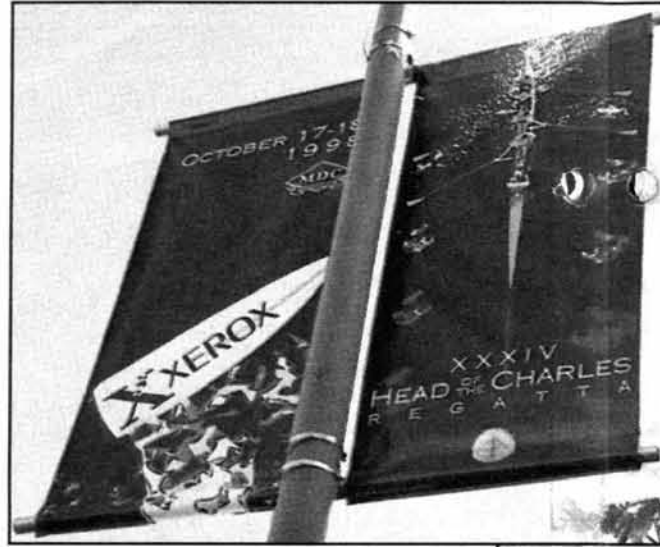
The MIT community also had representatives outside of the crew teams. In his 30th year of participation, Professor of Mathematics Hartley Rogers Jr., at the age of 72, finished an astounding fourth overall in the senior veterans division with a time of 23:23.37. In the club singles event, Niell Elvin G, despite missing the 12th and 13th buoys, managed to finish with an impressive tenth overall with a time of 20:06.77.

Schmill, who was picked up by the New York Athletic Club as a coxswain, guided the women's championship fours to a fourth place finish in 18:59.65. Steve Tucker '91, who is a member of the U.S. national team, finished third in the championship doubles in 17:06.01.

Perhaps the most impressive of all MIT affiliates was the performance of Linda Muri '85. As a rower

on the U.S. women's national lightweight eights team, Muri helped the team finish first overall in their division.

This year, the Head of the Charles Regatta saw the number of applicants increase from 646 to 783, a 21 percent increase. The number of female applicants increased by 30 percent while the number of male applicants increased by 17 percent.

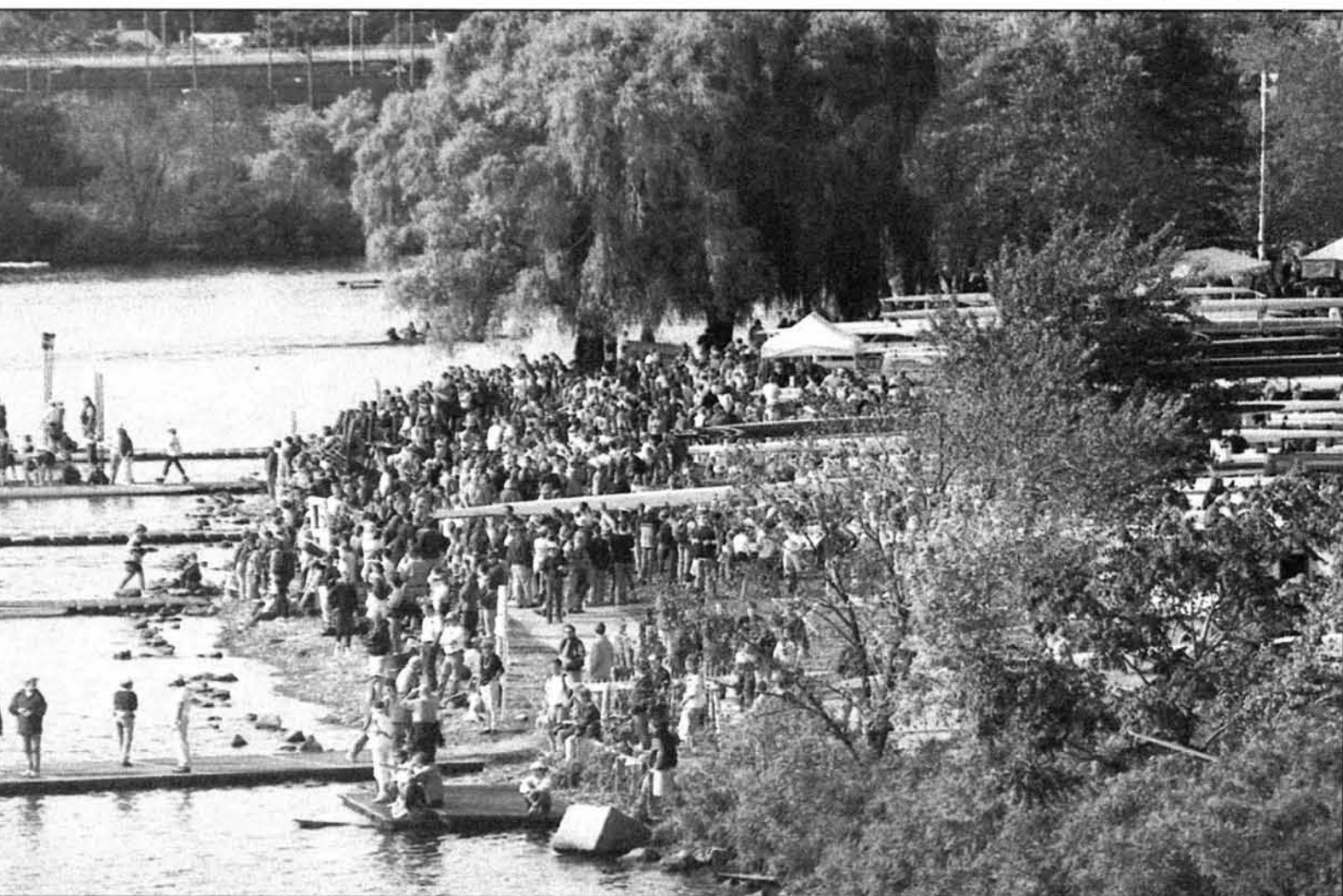


### Head of the Charles

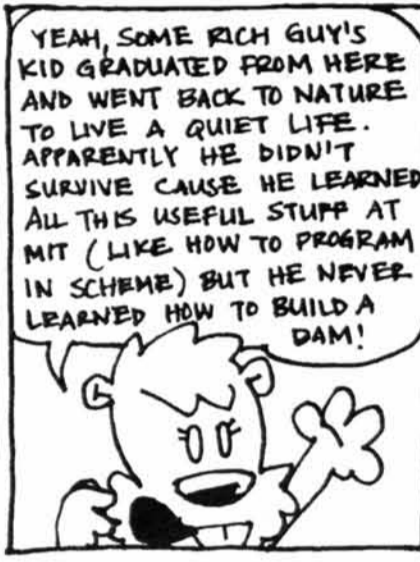
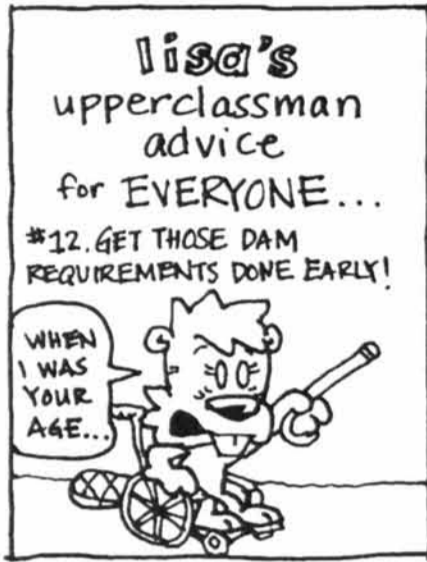
Text  
Shao-Fei Moy

Photography  
Annie Choi  
Miodrag Cirkovic  
Krzysztof Gajos  
Ying Lee

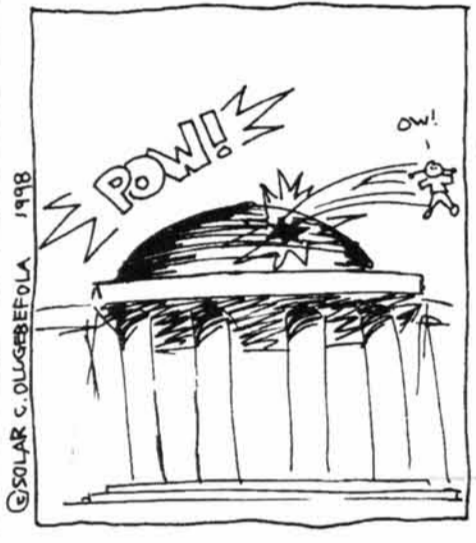
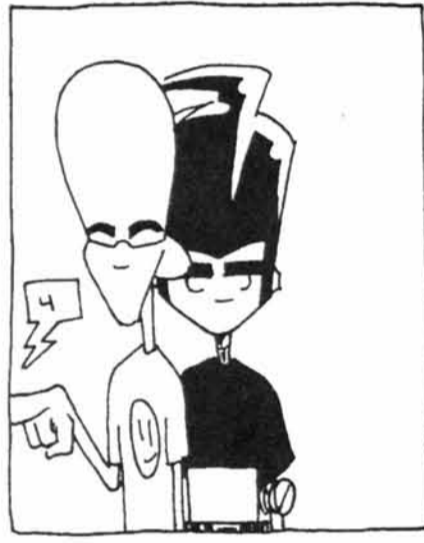
Layout  
Greg Kuhnen



dammed for life  
by Jessica



928 Ways to Get Hurt



## RANDOM FLAND

by XiD

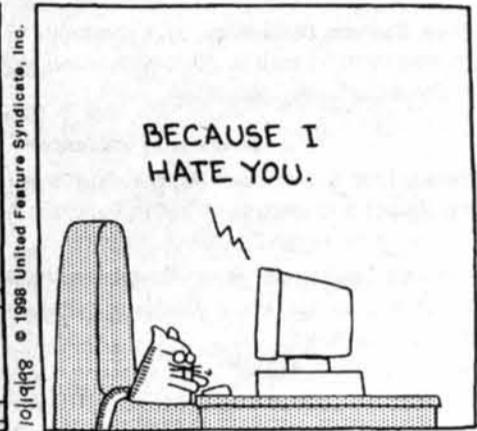
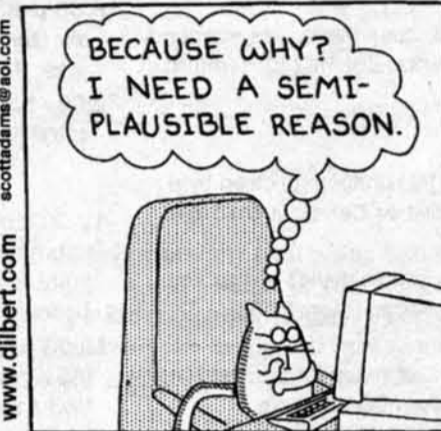


## Down with Science

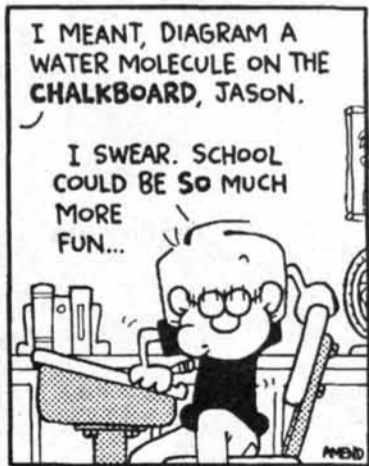
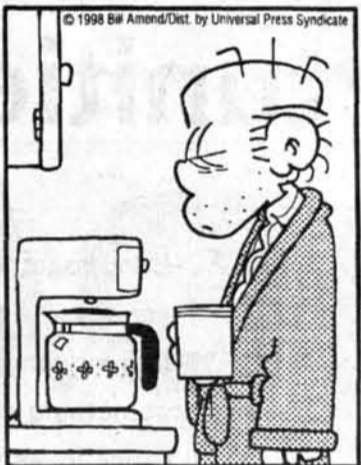
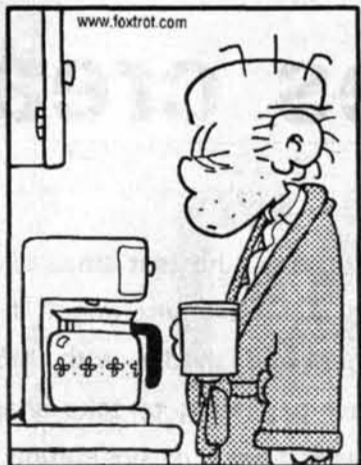
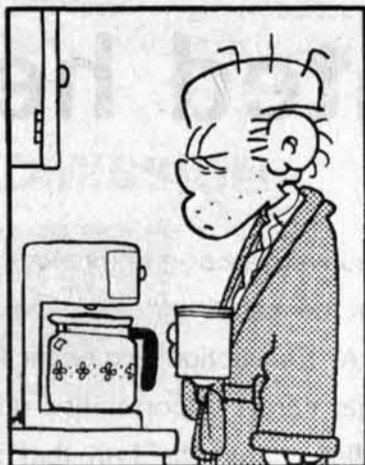
by Jennifer DiMase



Dilbert® by Scott Adams



FoxTrot by Bill Amend



# TechCalendar

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

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.

## Tuesday's Events

- 6:00 - 8:00 p.m. - **Cultural Symposium - American Landscape.** Watch and discuss the film "Skin Deep". This workshop will explore the racial landscape of the United States and explore many diversity related issues. Part of the Fall Festival. Religious Activities Center, Main Dining Room. Sponsor: CAC Program Board.
- 8:00 p.m. - **Korczak.** An account of the final days of legendary Polish pedagogue Janusz Korczak and his heroic dedication to protecting Jewish orphans during the Second World War. Part of the Fall Festival. (Poland, 1990) 1 hour 55 minutes. Room 26-100. Sponsor: LSC.
- 8:00 - 10:00 p.m. - **Swing Lessons.** Learn to swing dance! Get ready for the Fall Fling. Part of the Fall Festival. Burton-Connor Dining Hall. Sponsor: MIT Ballroom Dance Team.
- 10:00 p.m. - **New Housing Discussion.** An opportunity to discuss the issues surrounding the new dormitory to be built in 2001 with fellow students. Chi Phi (32 Hereford St). Sponsor: Undergraduate Association.

## Wednesday's Events

- 5:10 p.m. - **Weekly LEM Service and Supper.** Eucharist in the Chapel, followed by a free fellowship supper and discussion in the Religious Activities Center at 6:15 p.m. MIT Chapel. Sponsor: Lutheran-Episcopal Ministry.
- 6:00 - 8:00 p.m. - **Cultural Symposium - Caribbean Vibes.** This workshop will explore Caribbean culture through film and a display of cultural artifacts. Room 1-390. Sponsor: CAC Program Board.
- 8:00 - 10:00 p.m. - **Swing Lessons.** Learn to swing dance! Get ready for the Fall Fling. Part of the Fall Festival. Lobdell Court. Sponsor: MIT Ballroom Dance Team.
- 8:00 p.m. - **To Kill A Mockingbird.** Winner of the 1962 Academy Award for Best Actor (Gregory Peck). Part of the Fall Festival. (USA, 1962) 2 hours 9 minutes. Room 26-100. Sponsor: LSC.
- 8:00 p.m. - **The Good Woman of Szechuan.** Wu Wei ("path of eternal changes") Theater Company from Germany, in their first US tour, presents the Bertolt Brecht play — a two hour drama in three languages — German, English and Chinese (dialect TBD). Killian Hall.

## Thursday's Events

- 12:00 p.m. - **Chapel Concert.** Axiom Duo. MIT Chapel.
- 6:00 - 8:00 p.m. - **Cultural Symposium - Celebrating Africa.** A variety of small workshops will be held to learn more about the culture of various countries in Africa. Part of Fall Festival. Student Center, Private Dining Rooms 1 & 2. Sponsor: CAC Program Board.
- 6:00 p.m. - **Concerning deSoto's Recital: Music, the Brain, and Performance.** Gallery Talk by Dr. David Epstein, professor emeritus of MIT Music & Theater Arts Section. List Visual Arts Center.
- 7:00 p.m. - **Victor McElheny.** The founding director of the Knight Science Journalism Fellowships at MIT & author of the new biography of Edwin Land, *Insisting on the Impossible*, will facilitate a panel on Land. Room 34-101. Sponsor: authors@mit.
- 8:00 p.m. - **Salut Cousin!** Cultures collide in *Salut Cousin!*, a vibrant film from Algerian director Merzak Allouache. Part of the Fall Festival. (Algeria, 1996) 1 hour 38 minutes. Room 26-100. Sponsor: LSC.
- 8:00 - 10:00 p.m. - **Swing Lessons.** Learn to swing dance! Get ready for the Fall Fling. Part of the Fall Festival. Walker Memorial, Morss Hall. Sponsor: MIT Ballroom Dance Team.

## Friday's Events

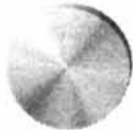
- 12:00 - 3:00 p.m. - **Mini I-Fair.** Celebrate Culture! Come to ISA's smaller version of International Fair and see MIT students perform dances from their countries as you taste foods from around the world! Part of the Fall Festival. Student Center Steps. Sponsor: International Students Association.
- 12:00 p.m. - **Praying in the Midst of Midterms Retreat.** Brother Matthew Holsti (SSJE) and The Rev. Jane Gould lead an examination of the challenges of discerning God's will and maintaining a life of prayer in the midst of university life. \$75.00 fee. West Newbury (bus available). Sponsor: Lutheran-Episcopal Ministry.
- 8:00 p.m. - **MIT Symphony Orchestra Concert.** Dante Anzolini, director. Admission \$2.00. Kresge Auditorium.
- 9:00 - 1:00 a.m. - **Fall Fling.** Show off your swing dance skills! Featuring the White Heat Swing Orchestra, originally from the Boston area. All are welcome: undergrads, graduates, faculty, staff and alumni. Part of the Fall Festival. Admission \$5.00. du Pont Gymnasium. Sponsor: Fall Festival Planning Committee.

**Create crosswords for *The Tech*.**  
**Call Naveen or Michael at 253-1541.**

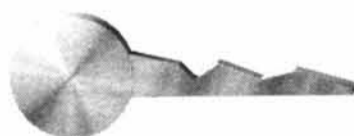
**Opportunities created here.**



M&A



Technology



Broadview

Bring together today's hottest areas of convergence — technology and financial services. Add a work environment that combines industry knowledge in IT, communications and media with M&A transaction experience. You'll see something new beginning to take shape: career opportunities unlike those at other investment banks or consulting firms. Join the firm that specializes in creating opportunities for our clients and professionals. Broadview. With offices in the US, Europe and Asia. For more information reach us at [www.broadview.com](http://www.broadview.com) or submit resumes to [associaterecruiter@broadview.com](mailto:associaterecruiter@broadview.com).

**Investigate career opportunities in  
 M&A Investment Banking**

**Tuesday, October 20, 1998 FROM 6:00 TO 8:00 PM Refreshments will follow  
 MIT 77 Massachusetts Avenue, Building Four, Room 153**

IF YOU ARE UNABLE TO ATTEND PLEASE EMAIL YOUR RESUME TO: [JKULO@BROADVIEW.COM](mailto:JKULO@BROADVIEW.COM)

**BROADVIEW**

NEW YORK  
 SILICON VALLEY  
 BOSTON  
 LONDON  
 TOKYO

**TechCalendar is the newest, most convenient way to advertise an event to the MIT community. It's available in every issue of *The Tech*, and online at <http://tech-calendar.mit.edu>**

**AMERICA'S FUTURE**



**UNITED STATES NAVY  
SERVING AMERICA TWICE**

1-800-USA-NAVY [www.navyjobs.com](http://www.navyjobs.com)  
This space donated by *The Tech*

**For MIT students only.....**

**FREE TICKETS**



— to the Boston Symphony Orchestra  
— other great concerts, plays, exhibitions

**FREE ADMISSION**



— to Boston's Museum of Fine Arts

**FREE ART**



— for your dorm room or lab

**and even**

**FREE MONEY!**



— for your own art projects

Through programs sponsored by the Council for the Arts at MIT and the List Visual Arts Center. For more information on these freebies and other opportunities in the arts for MIT students, see <http://web.mit.edu/arts/students.html> or stop by the Office of the Arts (E15-205).

Who's Got COOL Careers?



A Fujitsu Company

Ready to take off? Then grab a hold of HAL Computer Systems - a wholly owned subsidiary of Fujitsu, Ltd. Our MICROPROCESSOR DIVISION (MPD) develops next generation/high-performance 64-bit SPARC™-based Microprocessors. If you've got the desire to succeed and the technical knowledge, we've got a place for you at HAL.

**ON-CAMPUS RECRUITING  
INFORMATION SESSION - NOV. 2**

**6-8PM ROOM 8-105 INTERVIEWS - NOV. 9**

Engineering opportunities exist for  
New Grads and Co-ops pursuing  
BS/MS/Ph.D. as an EE/CE/CS major.

For more information and to schedule an  
on-campus interview, contact the  
Office of Career Services.

Find out what we can offer you in our start-up environment,  
besides the opportunity to work on the coolest technology around!  
Contact us at HAL Computer Systems, 1315 Dell Avenue, Campbell, CA 95008.  
Fax: 408-341-5402, e-mail: [ysa@hal.com](mailto:ysa@hal.com). We are an equal opportunity employer.

All trademarks belong to their respective companies.

[www.hal.com](http://www.hal.com)

**FACTSET**

FactSet is an equal opportunity employer

FactSet is the leading provider of online financial, market, and economic information. Our product is used by over 10,000 investment professionals worldwide to research companies, industries, and economies.

**Career Fair**

Friday, October 23, 1998  
Johnson Athletic Center  
11:00-4:00

**Software Engineers** - We look for experience in C/C++, exposure to GUI frameworks, Perl / HTML, algorithmic analysis and design, software engineering practices, Microsoft Windows application development, graphics, and statistical/quantitative analysis.

Enter to win a \$50 gift certificate to  
Cambridge Brewing Company

[www.factset.com](http://www.factset.com)

# Depression is a serious threat to anyone that has a brain.

Depression is a suppression of brain activity that can strike anyone. It can make life unbearable, but it is also readily, medically treatable. And that's something you should always keep in mind.

11 Causes of Suicide  
**UNTREATED DEPRESSION**

Public Service message from SA-VE (Suicide Awareness Voices of Education)

<http://www.save.org>

This space donated by *The Tech*

OCTOBER 98

SYSTEM N°

- technology
- culture
- compensation

Candidate Profile: Software Engineer. Creative. Ambitious. Team player. Pro-active. Fun. Flexible. A great sense of humor. Performance Driven. Intelligent. If you fit this profile, then you will fit into EFI's unique culture. The next step in your mission is to check out EFI's web site @ [www.efi.com](http://www.efi.com). Take the challenge!

MISSION TITLES:

- engineer (software)
- engineer (hardware)
- more missions...



EFI MISSION: revolutionary network **color** printing

merge edit proof print customize reorder receive

If you fit EFI's profile, set your career on Fiery by checking out the EFI booth at the SWE/MIT Career Fair, October 23 & 24

**join the team**

We are Electronics for Imaging, Inc., and our mission is to continue to lead the industry in the latest technologies in digital color printing. We do it by pioneering products that make it possible to print consistent, high-quality color in short production runs — on the desktop, across the network, or over the Worldwide Web.

Check out our Web site at [www.efi.com](http://www.efi.com) for detailed job descriptions. EFI offers a competitive salary, relocation bonus, stock options and a loaded benefits package. We welcome recent graduates to apply by sending resumes and job preferences to [Phuong.Thai@corp.efi.com](mailto:Phuong.Thai@corp.efi.com) or fax to 650.286.8663, attn: Phuong Thai.

We are proud to be an employer who hires and promotes individuals from diverse backgrounds.



<http://www.efi.com>

© Copyright 1998 Electronics for Imaging, Inc.

THE COUNCIL FOR THE ARTS AT MIT PRESENTS:  
**FREE TICKETS FOR MIT STUDENTS**

# COMBO

BY **SOWETO STREET BEAT DANCE THEATER**

Saturday October 24 at 2:00pm  
Emerson Majestic Theatre  
219 Tremont Street

Dancers recruited from the streets of Soweto perform the rhythms of South African tribal dance. A synthesis of many styles from Zulu warrior to bush men, from gumboot miners to African contemporary fusion.

Sign up **IN PERSON ONLY** at the Office of the Arts (E15-205)

Bring your valid MIT student ID and a \$5 deposit which will be returned to you when you pick up your tickets.

Tickets will be handed out in the main lobby of Building E15 at 1:00pm on October 24

You're an **engineering** or **business** student with graduation right around the **corner...**

This is no time for guess work. Rather it's time to think about your career and where you fit in.

At Teradyne, the \$1.2 billion leader in Automatic Test Equipment, software test, high-performance backplane connectors and telecommunications test, you will be involved with real work in exciting technology that helps the world's leading electronic companies stay that way.

To a recent college graduate, Teradyne represents the opportunity to get involved on real projects from day one. As soon as you join us, you will benefit from a culture where creativity and teamwork prevail. Whether your specialty is software, hardware, mechanical, or application engineering or business, Teradyne perfectly suits your background. We have exciting opportunities in all our locations from California to Boston, and even internationally.

**Check with your Placement Office to find out when we are on campus and come by to see us.**

An equal opportunity employer.

Visit our web site at: [www.teradyne.com](http://www.teradyne.com)

**TERADYNE**

NOT GUESSES WORK.

# Coop Offers Normal Visa Card

The Coop, from Page 1

er at The Coop in the Student Center, said she noticed a significant increase in customers over a few years ago. However, much of the increase was from non-member customers, she said.

Despite improvements in recent years, students still have complaints about The Coop. Matthew W. Lee '00 said that he would "like to see used textbooks discounted a bit more. Getting \$10 or \$20 off a beat up \$80 textbook just isn't enough."

Students have historically considered The Coop's prices high, but some new students disagree. "I don't think it's overpriced," said Melissa D. Harness '02. "The Coop has everything I need."

However, the distance of the Kendall Square Coop from campus is an inconvenience, she said. That location was renovated in the summer of 1996.

The other major change for 1998 is the new Coop Visa card, which replaced the now-defunct Coop-only credit card. The new Visa card can be used anywhere, and users are

eligible for Visa bonuses in addition to Coop rebates.

From 1994 to 1996, The Coop gave out no rebates, as it lost money each year. Rebates return Coop profits to members. The rebates peaked near 10 percent in the 1980s.

However, The Coop had started selling items of increased variety as Coop members requested them. As recently as a few years ago, the store sold tailored clothing and women's shoes. By the mid-1990s, The Coop could not compete with more specialized retailers, Murphy said.

## It's a connected world. Do your share.

For 30 ways to help the environment, write Earth Share, 3400 International Drive, NW, Suite 2K (AD4), Washington, DC 20008.



Earth Share

This space donated by The Tech

### BRIDGEWATER ASSOCIATES

Global institutional money management and economic research firm  
\$12 billion under management  
invested in global credit and currency markets

Discover the advantage of becoming a

**TECHNOLOGY ASSOCIATE**

in the field of

**GLOBAL INVESTMENT MANAGEMENT**

Design, code, test and train users - do it all  
See your solutions used everyday  
Have a measurable impact on your firm  
Work on applications in finance

Interviews on campus on Thursday, November 12<sup>th</sup>

Please drop your resume  
on-line at the career center site

For more information on Bridgewater Associates,  
you can visit our website at:  
<http://www.bridgewaterassociates.com>

The Council for the Arts at MIT presents:

FREE TICKETS FOR MIT STUDENTS

## Le Ballet National du Senegal

Monday November 2

7:30pm

Sanders Theatre  
45 Quincy Street  
Harvard Square

Senegal's most famous and well-traveled company, Le Ballet National du Senegal offers a magnificent adventure in total theater. The 35-member company of dancers, musicians and singers combines the rapid-fire staccato of pulsating drums with dazzling dances, airborne acrobatics, swaying costumes and colorful animal masks to create a thrilling cultural tapestry. Their show, entitled "Pangols: The Spirit of West Africa in Music, Song and Dance", explores and celebrates the spiritual nature of all things, animate and inanimate.

**Sign up IN PERSON ONLY  
at the Office of the Arts(E15-205)**

**Bring your valid MIT student ID and a \$5 deposit which will be returned to you when you pick up your tickets.**

**Tickets will be handed out in the main lobby of Building E15 at 5:00pm on November 2**

www.ll.mit.edu

## Meet 'an' MIT Graduate

Informational Seminar: October 27, 1998

5:30 pm, Room 4-149

Refreshments will be served

Interviews: October 28, 1998

If you are pursuing a degree in:

- **Electrical Engineering**
- **Physics**
- **Computer Science**
- **Mathematics**

maybe you have the power to succeed at:



**LINCOLN LABORATORY**  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Put some power behind your ideas. At MIT Lincoln Laboratory, your research and ideas will be transferred directly into the development of leading edge, real-world applications, including air defense, space surveillance, communications and air traffic control systems.

If you're looking for a way to power up your career, please forward a cover letter and scannable resume to: [resume@ll.mit.edu](mailto:resume@ll.mit.edu) (ASCII Text File); Fax: (781) 981-2011; or mail to: Human Resources, MIT Lincoln Laboratory, CN98, 244 Wood Street, Lexington, MA 02420-9108.

An Equal Opportunity Employer, M/F/D/V  
US Citizenship is required.



# Let your imagination run wild.

Imagination is the passageway through which new ideas soar. It's a road to new experiences. A road that leads to Silicon Graphics. Where imagination and wonderment enable people to create solutions that solve the world's most challenging computing problems.

So ask yourself what you want to do after graduation. Do you want to drive innovation? Create change? See exactly what you can do in the real world? Or better yet, accomplish all of the above? Then join the people at Silicon Graphics, and let your imagination run wild.

You may e-mail your resume, indicating Job Code: SAUD064 (ASCII format) to: [sidg@corp.sgi.com](mailto:sidg@corp.sgi.com). Fax: (650) 932-0916. Or mail to: Silicon Graphics, Inc., Staffing, Job Code: SAUD064, P.O. Box 7313, Mountain View, CA 94039-7313.

We're committed to workforce diversity and value your individuality.

[www.sgi.com](http://www.sgi.com)

### SWE Career Fair

Date: Friday, October 23  
Time: 9:00am-3:00pm  
Place: Dupont Gymnasium

### Information Session

Date: Monday, October 26  
Time: 6:00pm  
Place: Room 4-163

### On-Campus Interviews

Date: Tuesday, October 27



**SiliconGraphics**





MICHELLE POVINELLI—THE TECH

Simin Ganatra, Kyu-Young Kim, Brandon Vamos and Kathryn Lockwood, musicians of the renowned Pacifica Quartet, performed classical pieces in Kresge Auditorium Saturday evening.

**DEF TUV TUV OPER OPER**

**17 letters, 5 numbers, 1 place to talk  
Nightline, open 7 p.m – 7 a.m.**

This space donated by *The Tech*

**MIT  
Emile Bustani Middle East  
Seminar**

presents

**Professor Bassam Tibi**

University of Göttingen, Germany  
Weatherhead Center for International  
Affairs, Harvard University

**“Contemporary Islamic  
Movements: What  
Future?”**

**Tuesday, October 20, 1998**

**4:30 - 6:30 p.m.**

**E51-095**

70 Memorial Drive  
Cambridge

**OPEN TO THE PUBLIC**

*Sponsored by  
the Center for International Studies*

Join *The Tech*.  
Call Doug or Josh  
at 253-1541, or stop  
by our offices in  
Room 483 of the  
Student Center.

**PSYCHOBIOLOGY STUDY**

Healthy female volunteers are sought for a study of blood hormone levels and psychological ratings. Eligible participants will receive compensation for completion of evaluation visit and two overnight stays for physiological studies on the Clinical Research Unit. Participants include women who are 18-40 years old, in good medical health; not taking medication, including oral contraceptives; and free of psychiatric illness.

**For More Information:** Call Carrie Mazer, Psychiatry Research Unit, Beth Israel Deaconness Medical Center (617) 667-2113

**STUDY IN  
OXFORD**

Live with British students in the very center of Oxford as an Associate Student of a medieval Oxford college.

Summer and graduate study available. Since 1985, students from 240 leading U.S. Colleges have studied in Oxford through W.I.S.C.

**Washington International Studies Council**  
214 Massachusetts Avenue, N.E.  
(Suite 370)  
Washington, D.C. 20002  
Phone Number: (202) 547-3275  
Free Telephone: (800) 323-WISC  
Facsimile: (202) 547-1470  
E-mail: wisc@erols.com



Maximize your potential. Consider Citibank's global reach and breadth of opportunity. Our Management Associate Programs will put you at the heart of a premier financial services organization with a presence in 100 countries.

We offer numerous career paths including: Portfolio and Relationship Management, Marketing, General Management, Financial Control, Operations Management, Corporate Finance, Technology and Human Resources. Citibank's Management Associate Programs are now hiring for the following business sectors: Global Consumer Businesses, Global Corporate Banking, Global Operations and Technology, Advanced Development and Corporate Staff.

Citibank invites first and second year MIT/Sloan School of Business students to join us at our corporate wide presentation on:

**DATE:** October 20, 1998 **TIME:** 6:00-7:30 pm

**LOCATION:** Marriott Hotel, Cambridge **DRESS:** Casual

*Representatives from the following businesses will be present:*

- CORPORATE BANKING
- CORPORATE STAFF
- CONSUMER BUSINESSES
- OPERATIONS AND TECHNOLOGY
- ADVANCED DEVELOPMENT



**the world  
IS waiting**

Citibank's Management Associate Programs  
have put business careers on the map in 100 countries.

[www.citibank.com/hr](http://www.citibank.com/hr)  
An Equal Opportunity Employer M/F/D/V

# Can you be a hero? Can you be a coach? Can you make a difference?

Join Nike's P.L.A.Y.CORPS.

P.L.A.Y. (Participate in the Lives of America's Youth) is NIKE's initiative to create opportunities for kids to get involved in sports.

P.L.A.Y.CORPS recruits and trains college students to coach in city youth leagues. After a NIKE training clinic, CORPS members become coaches for local leagues in their communities. At the end of the CORPS, coaches receive \$500 towards their college tuition.

P.L.A.Y.CORPS coaches are college students. Someone young. Someone cool. Someone kids can look up to. Someone kids can aspire to be just like. Someone like you.



617-262-3192 ext. 232

stevenh@mit.edu



Hey, future coaches of MIT! This is Steve Huang, your Nike P.L.A.Y.CORPS rep at MIT. I've been a basketball coach for 12-year-old boys in Cambridge for a year now, and it's one of the most worthwhile things I've ever done.

Coaches can be among the most influential players in a young person's life. They are teachers. They are motivators. They are leaders. If you think you've got what it takes to be a P.L.A.Y.CORPS coach, email me at [stevenh@mit.edu](mailto:stevenh@mit.edu) or come meet me at the P.L.A.Y.CORPS booth on October 22 in Lobby 10 of the Infinite Corridor, 10 a.m. to 2 p.m.

The November 1 deadline for P.L.A.Y.CORPS applications is fast approaching, so don't wait!

- AMSTERDAM
- ATLANTA
- AUCKLAND
- BANGKOK
- BOSTON
- BRUSSELS
- BUDAPEST
- BUENOS AIRES
- CHICAGO
- COPENHAGEN
- DALLAS
- DESSELDORF
- FRANKFURT
- HAMBURG
- HELSINKI
- HONG KONG
- JAKARTA
- KUALA LUMPUR
- LISBON
- LONDON
- LOS ANGELES
- MADRID
- MELBOURNE
- MILAN
- MONTERREY
- MOSCOW
- MUMBAI
- MUNICH
- NEW YORK
- OSLO
- PARIS
- SAN FRANCISCO
- SÃO PAULO
- SEOUL
- SHANGHAI
- SINGAPORE
- STOCKHOLM
- STUTTGART
- SYDNEY
- TOKYO
- TORONTO
- VIENNA
- WARSAW
- WASHINGTON, D.C.
- ZÜRICH

Please join us for a

## INFORMATION SESSION

Tuesday, October 20, 1998, 6:30 p.m. - 8:30 p.m.

The Cambridge Marriott  
Two Cambridge Center, Cambridge

The Boston Consulting Group is a **strategic and general management consulting** company concentrating on issues of direction and performance for leading corporations worldwide. Our mission is to help our clients create and sustain competitive advantage.

Designed for recent college graduates, **BCG's associate position** originated in the belief that **bright and energetic young people**, when empowered, can look at business problems with a fresh perspective and develop new insights for clients. Similarly, our summer associate program seeks a select group of **highly talented** college juniors who demonstrate the capacity to develop the skills of a BCG associate.

**For more information visit our web-site or contact:**  
Linda A. Toyias, East Coast Associate Recruiting Coordinator  
The Boston Consulting Group, Exchange Place, 31st Floor, Boston, MA 02109  
(617) 973-1308

# Students Suggest Better Bathrooms, More Lighting

Dormitory, from Page 1

Bates spoke about using the new dormitory's proximity to Cambridgeport, where many faculty live, to extend student-faculty interaction.

"Living in close proximity is a nice way of bringing together people with common interests but at different stages in their lives," Bates said. Accordingly, the new dormitory will also have spaces that can accommodate graduate students, faculty, or visitors to MIT, she said.

Bates also announced that several

decisions had already been made about the physical design of the building. It will house between 300 and 350 residents in total, Bates said.

Its location at the end of Vassar Street, across from Next House, means that it must be a long, thin building, she said.

The dormitory will also include a large dining hall, rather than local kitchens, she said. The administration hopes to draw community activities to the new dorm with the communal facility and by beautifying Vassar Street.

Students at the Baker meeting

discussed layouts of rooms and facilities that might help counteract the isolating effect of a long and thin dorm building.

Some students made specific suggestions for the building. People asked for bathrooms with more privacy and better lighting throughout the building.

### Students discuss housing decision

While plans for the new dorm proceed, many students still are protesting MIT's decision to house all freshmen on campus. Discussion at the UA's open forum focused on

housing policy rather than the new dormitory.

"One of the best things about this school is being able to live where you want," said Anthony Paris '02 at the open forum. Freshmen resent losing that freedom, and students also worry that the benefits of rush and of fully incorporating freshmen into student life will be lost, he said.

Still, attendance at the forum was low. In order to reach more of the student body, the UA has organized an online plebiscite where students can register their opinions about the

new dorm and housing policy. The polling ends on Monday.

"We hope to form a UA opinion from the results" and submit a report to the administration, said UA President Paul T. Oppold '99.

"Hopefully, a super-majority [sic.] of students will demand that their opinions be heard," Oppold said.

Debates about the new dorm and housing policy will continue as the administration synthesizes student input and as the planning office finds an architect for the new residence, Bates said.

## CLASSIFIED ADVERTISING

### Services Offered

**Research Papers** Edited and Corrected by Harvard Professional INTERFAX LINGUISTIC SERVICES tel/fax: (617) 566-1112

### Help Wanted

**Get Paid To Party!!!!** Festive Events is looking for outgoing people to learn DJ entertaining. Great source of extra cash. Full training provided! Must have car. Must be available weekends. Call 1-508-881-1095 for more info.

### Asian Indian Sperm Donor Needed

Loving couple mid 30's seeks an attractive Indian or South Asian sperm donor with a pleasant disposition. Must be healthy, intelligent, aged 21-40, and taller than 5'3". Compensation \$1000. Please call: OPTIONS (800) 886-9373 ext. 6958

### The Magma Group

is looking for student organizations and motivated student reps to assist with promotions on campus. This is an easy way to earn great money while working flexible hours. For more info please call (617) 783-9700, ext.22.

### Asian Indian Sperm Donor Needed

Loving couple mid 30's seeks an attractive Indian or South Asian sperm donor with a pleasant disposition. Must be health, intelligent, aged 21-40, and taller than 5'3". Compensation \$1000. Please Call: OPTIONS (800) 886-9373 ext 6958

### EARN UP TO \$480.00/MONTH!!

Healthy men needed as sperm donors. Must be 5'9" or taller, ages 19-39. Call California Cryobank to see if you qualify @ (617) 497-8646!

**\$9.00/hour and all the candy you can eat!** Student callers needed for growing Tech Caller Program. Build communication skills while raising money for the MIT annual fund. \$9.00/hour (6 hrs/week minimum) plus incentives, contact Marilyn Silverstein at 252-1608.

### Information

**Confidential HIV and Sexually Transmitted Disease testing** and treatment in private medical office. See [www.robertylormd.com](http://www.robertylormd.com). 617-232-1459. Brookline.

### Travel

**Absolute Spring Break.. "TAKE 2"** 2 FREE TRIPS ON ONLY 15 SALES and.. EARN\$\$ Jamaica, Cancun, Bahamas, Barbados, Padre & South Padre. Lowest Prices!! Free Meals, Parties, & Drinks. \*\*Limited Offer\*\* Call for free info: 1-800-426-7710 / [www.sunspashtours.com](http://www.sunspashtours.com)

**SPRING BREAK 99!** Cancun \* Nassau \* Jamaica \* Mazatlan \* Acapulco \* Bahamas Cruise \* Florida \* South Padre Travel Free and make lots of Cash! Top reps are offered full-time staff jobs. Lowest price Guaranteed. Call now for details! [www.classtravel.com](http://www.classtravel.com) 800/838-6411 930 Comm Ave South, On BU's West Campus

**SPRING BREAK '99** Cancun & Bahamas: Sign up now and get FREE Meals/Drinks! Florida, Jamaica and South Padre available! Sell trips and travel free! Call for free brochure 1 (888) 777-4642.

### # 1 SPRINGBREAK Operator !

Check our website for the best deals ! [www.vagabondtours.com](http://www.vagabondtours.com) Cancun, Bahamas, Jamaica & Florida. Group organizers EARN FREE TRIPS & CASH ... Call today! 800-700-0790

## MORGAN STANLEY DEAN WITTER

At Morgan Stanley Dean Witter, Information Technology is the foundation of our business. **That's why this year alone we've invested more than \$1 billion** on technology that drives our businesses day to day. We know that technology gives us our competitive edge. That the future winners in our business will be the frontrunners in technology. If you want to build your IT career on a solid foundation, there's nowhere to go but up at Morgan Stanley Dean Witter.

# technology is the business.

We're looking for all majors who are interested in solving business problems through technology. Stop by and meet our hiring managers. Learn first-hand about our intensive 18-week training program. It's the top training program on the Street.

If you're unable to attend, but want to know more about a career in technology at Morgan Stanley Dean Witter, contact us directly at: Morgan Stanley Dean Witter, Information Technology College Recruitment, 750 Seventh Avenue, 15th Floor, New York, NY 10019. Visit our web site at: <http://www.ms.com> An Equal Opportunity Employer.

## information technology training program

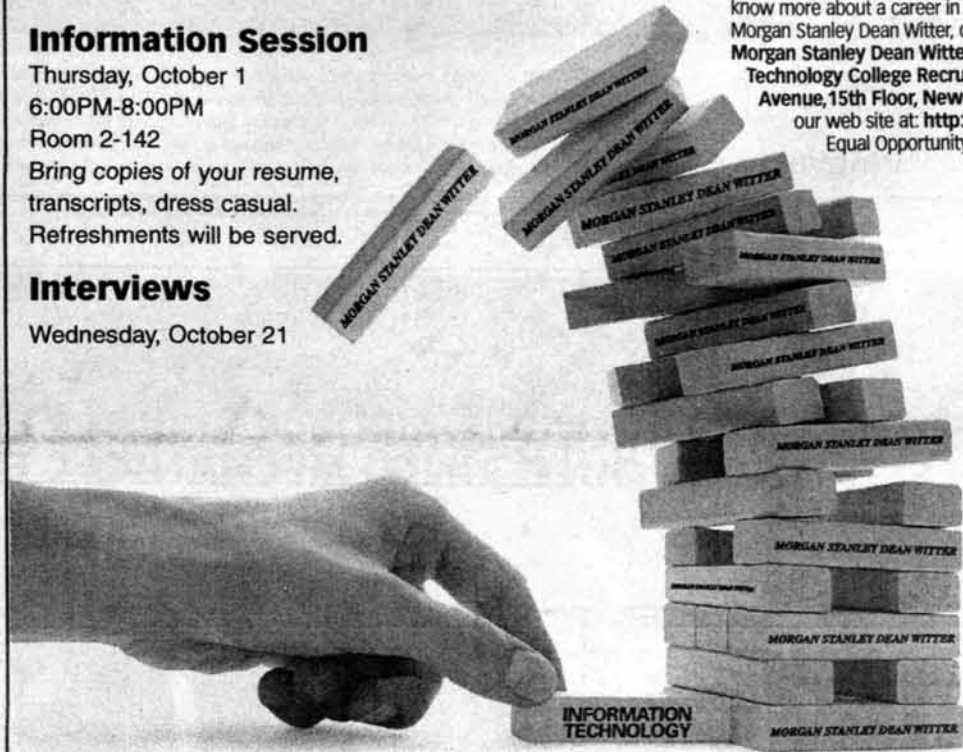
### Information Session

Thursday, October 1  
6:00PM-8:00PM  
Room 2-142

Bring copies of your resume, transcripts, dress casual. Refreshments will be served.

### Interviews

Wednesday, October 21



JENGA® ©1986 Pokonobe Associates. Product is manufactured under license from Irwin Toy LTD. which is a licensee of Pokonobe Associates.

Find out how a little of your time can make a big difference.

[www.volunteersolutions.org/boston/mit](http://www.volunteersolutions.org/boston/mit)

## Offices of Career Services & Pre-Professional Advising

### Student Forum

Do You Have Questions About MIT Interview Trak The On-Line Recruiting Program?

Representatives from Jobtrak, co-founder Ken Ramberg, OCSPA staff, & employer representatives will be available to answer questions

October 22, 1998

Room 10-250 from 12 noon - 1:00pm & Room 10-250 from 6:00-7:30pm

**WITH EVERYTHING THIS BANK ACCOUNT HAS TO OFFER, WE COULDN'T MAKE YOUR LIFE ANY EASIER. UNLESS, OF COURSE, WE PAID FOR YOUR TUITION.**

Only the Student Value Package<sup>1</sup> gives you so much for so little.

- new price as low as \$3 a month<sup>2</sup> • get free sandwiches at Subway<sup>®</sup> with a coupon, BankBoston Card and a student ID • use 24-hour Online Banking with HomeLink<sup>™</sup> • over 1,500 BankBoston ATMs • use your BankBoston Card with X-Press Check<sup>™</sup> like a plastic check wherever MasterCard<sup>®</sup> is accepted
- get overdraft protection if you overspend a little<sup>3</sup> • call 1-800-2-BOSTON
- visit [bankboston.com/students](http://bankboston.com/students)



**Get Free SUBWAY Sandwiches**

1. Valid school ID or acceptance letter required. To qualify for X-Press Check and Reserve Credit you must be at least 18 years of age and have no adverse credit history. 2. If you make withdrawals, deposits, transfers, and balance inquiries electronically by phone, ATM, or computer only, the monthly fee is discounted to \$3. The normal monthly Student Value Package fee is \$6. 3. Purchase a six-inch Subway<sup>®</sup> Sandwich and a 21-ounce soft drink and get a second six-inch Subway<sup>®</sup> Sandwich and 21-ounce soft drink of equal or lesser price free upon presentation of a Student Value Package coupon. Offer expires May 31, 1999. Offer available at participating Subway<sup>®</sup> locations and may not be combined with any other offer. One coupon per person per visit. Subway is a registered trademark of Doctors Associates Inc. 4. Online Banking with BankBoston HomeLink<sup>™</sup> is free (e.g., transferring funds, checking balances). There is a \$3.50 monthly fee for Online Bill Payment with HomeLink. Member FDIC

**COMPUTER ENGINEERING • COMPUTER SCIENCE • PHYSICS • CHEMICAL ENGINEERING  
MATH • ELECTRICAL ENGINEERING • MECHANICAL ENGINEERING • BUSINESS ANALYSIS**



**TAKE TECHNOLOGY TO THE NTH POWER.**

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

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

At Raytheon, you'll take technology—and your career—to the highest possible level. You'll take it to the Nth.

We have a lot to tell you about the new Raytheon Systems Company and the exciting opportunities we have available. Plan on visiting our booth at your college career fair. If you are unable to attend the fair then check out our website at [www.rayjobs.com](http://www.rayjobs.com) and please send your resume to: Raytheon Resume Processing Center, P.O. Box 660246, MS-201, Dallas, TX 75266.

# Some Use *ccpeople* For Social Contact

E-mail, from Page 6

guages and literatures who also found herself on *ccpeople* said, "I found it quite interesting how many people clearly didn't understand what was going on in pretty fundamental ways — that these complaints of theirs were going to everyone, and hence creating only further annoyance"

"The local users didn't comprehend that lists took overnight to go away; most of them couldn't figure out how they were on the list at all, but that were on these other lists which had been subscribed, etc.," she said.

However, even the attempts at creating a community of *ccpeople* proves a virtual model of very common human reactions, Donath said.

"It's like running into people at a party," Donath said. "It's an excuse to say hello. Because there is an event you just shared, it breaks down some of the barriers to communication."

### List provides social opportunities

Rushing saw the list as an opportunity to meet new people and reunite with old friends.

"Since I knew many of the people sending the messages, I thought it would be fun to meet up with them. I actually didn't realize that my message was going out to so many people," Rushing said.

"I think it only could have really happened at MIT," Eastman said. "It's just a reflection of the fact that MIT has no sense of community and people are searching for a way to meet people outside of their ordinary sphere of interaction,"

However, while many of the people on the list have chalked up what happened to chance occurrence, and despite facing the monotonous task of deleting hundreds of e-mails are willing to put damage to their disk quotas behind them, Chhabra, the creator of the list, said that he has learned a valuable lesson from the experience.

After being subjected to five times the e-mails sent to the *ccpeople* list from irate students, Chhabra said, "I just wish it never happened."

Chhabra said the e-mails he personally received ranged from "understanding," to "negative," to "pretty inappropriate."

He also offered advice to others. "It's not a good idea to create your own mailing list," he said. "Anyone can send anything to the mailing list" once created.

# It's a connected world. Do your share.

For 30 ways to help the environment, write Earth Share, 3400 International Drive, NW, Suite 2K (AD4), Washington, DC 20008.



Earth Share

This space donated by *The Tech*

## CAC Program Board

## Part of the MIT Fall Festival

Presented by the



**Monday:**  
South Asia  
Art & Independence  
10-250

**Thursday:**  
Celebrating Africa  
PDR 1 & 2

**Tuesday:**  
America Landscape  
W11 Main Dining Rm

**Wednesday:**  
Caribbean Vibes  
2-105

All events qualify for the IFC Stars of Education

# Monday Oct. 19th - Thursday Oct. 22nd Every evening from 6 to 8 pm

promoting cultural diversity through seminars, workshops, & lecture demos



Cosponsored by: Africans@MIT, Caribbean students, South Asian American Students / SANGAM, and IFC / Student Life Programs

connection

vision

passion

intelligence

enable

results



# do it

# for Grandma.

Everyone promises equal access to information. Some are even asking the general population where they'll go once they get it.

We got impatient. That's why we developed Oracle8i - Internet technology that's changing everything!

Come help us develop more.

Oracle offers generous compensation and unparalleled benefits. Please forward your resume to: Oracle Corporation, Attn: College Recruiting, 500 Oracle Parkway, Dept: 20P2, Redwood Shores, CA 94065. E-mail: college@us.oracle.com. Fax: (408) 251-8424. Intern opportunities: intern@us.oracle.com

Oracle supports workforce diversity.

# ORACLE®

Enabling the Information Age™

Information Session: October 21, Cambridge Marriott, 6:30 p.m.  
Registration for Cancun Giveaway: 6:10 p.m. - 6:40 p.m.  
Interview Dates: October 26 and 27

# www.oracle.com

# SPORTS

## UPCOMING HOME EVENTS

Tuesday, October 20  
Women's Soccer vs. Worcester Polytechnic Institute, 4:00 p.m.

## MIT Equestrian Team Takes Home Several Ribbons in Season Opener

By **Nina Kutsuzawa**  
and **Candice McElroy**

TEAM MEMBERS

The Equestrian Team kicked off their second full season on Saturday at Dartmouth with a slew of ribbons. For the first time in the team's history, they were fully represented in all divisions.

Over fences, new rider Kristen Landino '02 placed an impressive second in the open division. Christina Saltzmann '99 and Junlin Ho '01 placed third in their respective novice jumping classes. Newcomers Katie Shiels '00 and Jenny Lee '02 placed fifth and sixth respectively in intermediate fences.

On the flat, Saltzmann won

another third place for her novice equitation. Cynthia Randles '99 and newcomer Sara Etemadi '01 both won fifth in the walk-trot and advanced walk-trot-canter classes, respectively.

Despite drawing difficult horses, Captain Candice McElroy '99 won a fifth in novice equitation, and newcomer Sarah Low '02 earned a sixth in intermediate equitation.

Nina Kutsuzawa '00 became the first MIT equestrian to qualify for the spring regional competition by taking fourth place in Saturday's competition. This also enables her to class out of the walk-trot and into the beginner walk-trot-canter division.

The Intercollegiate Horse Show Association events judge rider's equitation, or ability to ride a horse, and not a rider's familiarity with a horse. At each show, there is a horse lottery in which riders are randomly assigned a horse which they will ride for their competition.

In IHSA competitions, the riders are divided according to their ability. The experienced riders ride in the open category, with intermediate, novice, advanced and beginner walk-trot-canter and walk-trot divisions for inexperienced riders.

The team will travel to Vermont next weekend for back-to-back competitions at Middlebury College and University of Vermont.



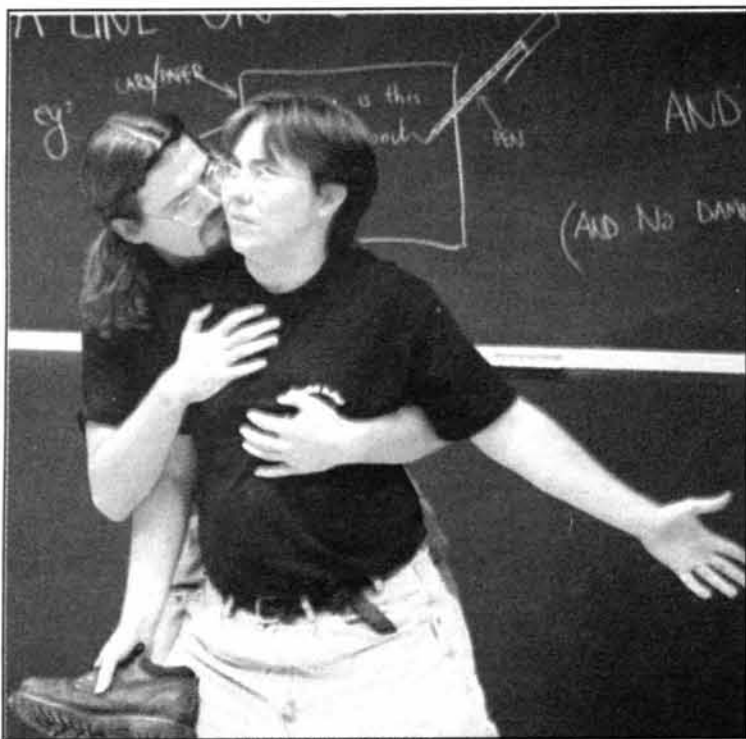
AJAI BHARADWAJ—THE TECH

Megan Pitts '00 takes control of the ball in a field hockey game this past Saturday. The Engineers crushed Mt. Holyoke 7-0 in an amazing display of skill.



MICHELLE POVINELLI—THE TECH

Carnatic vocalist P. Unnikrishnan performed with R.K. Shriramkumar and Vellore Rambhadram Friday in Wong Auditorium. They played carnatic classical music from South India on both traditional and contemporary musical instruments.



ANNIE S. CHOI—THE TECH

Roadkill Buffet comedians Luke Weisman G and Benjamin Balas '02 affectionately embrace during their performance Friday night.



KARLENE ROSERA—THE TECH

As part of Family Weekend activities, the Muses sang graciously during the a cappella concert Saturday in Room 10-250.

## Family Weekend 1998

ANNIE S. CHOI—THE TECH

Members of the comedy troupe Roadkill Buffet ponder deeply on Friday in Room 35-225.

