

MacVicar Teaching Awards Announced

By Dana Levine
ASSOCIATE NEWS EDITOR

Today, six MIT professors will be named as MacVicar faculty fellows, MIT's highest honor for undergraduate teaching.

This year's fellows are Professors Rohan Abeyaratne of the department of mechanical engineering, John W. Belcher of physics, Ernest G. Cravalho of mechanical engineering, Department of Aeronautics and Astronautics Professor Dava J. Newman Ph.D. '92, Brain and Cognitive Sciences Professor Steven Pinker, and Jacquelyn C. Yanch of the nuclear engineering department.

The MacVicar Faculty Fellows Program was established in 1991 to honor Margaret L. A. MacVicar '65, MIT's first dean for undergraduate education.

"MIT has a range of teaching awards. This is our highest and deepest honor," said Dean for Undergraduate Education Rosalind H. Williams.

Potential MacVicar fellows are typically nominated by fellow faculty members, typically department heads and chosen by a committee of three student and three faculty members.

"These were all spectacular cases," said Williams. "This award [comes] out of respect for both their

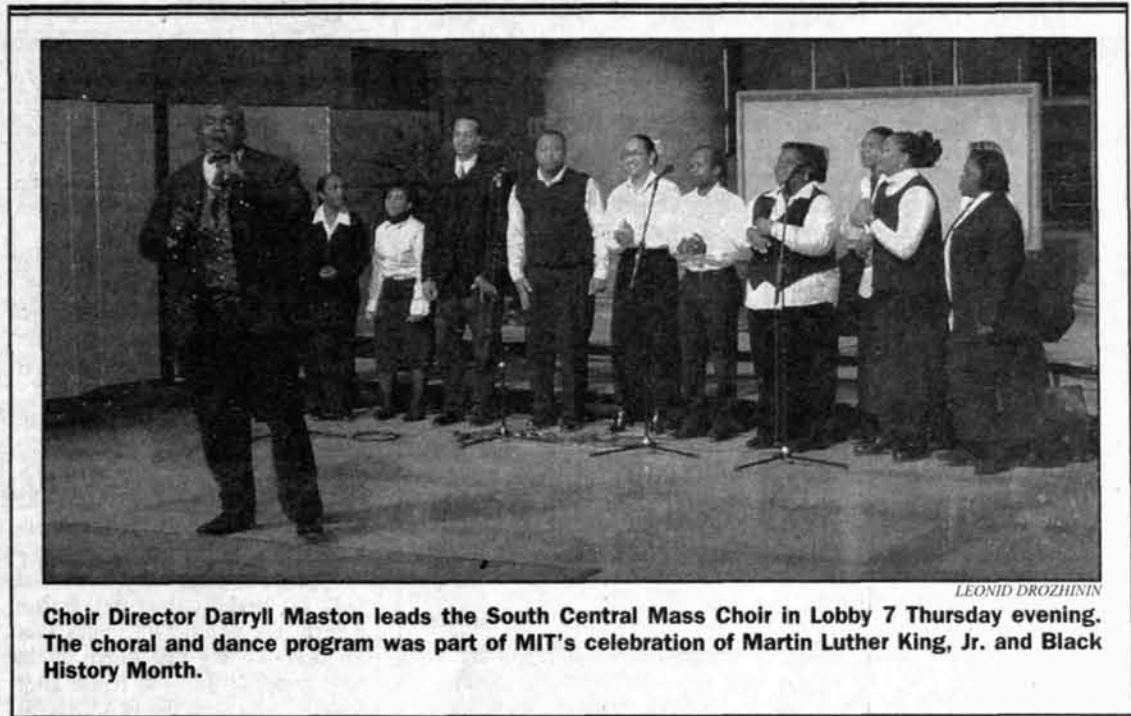
intellect and their closeness to their students."

Non-tenured professor selected

This year, Professor Dava Newman was the first non-tenured faculty member to receive a MacVicar fellowship. MIT has recently created a new category for non-tenured faculty members, which allows them to be honored without interfering with the tenure process.

"[Yanch] is part of the real excitement in the Aero/Astro department. She is from a department that has inspired its junior and senior faculty to build the undergraduate pro-

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Choir Director Darryll Maston leads the South Central Mass Choir in Lobby 7 Thursday evening. The choral and dance program was part of MIT's celebration of Martin Luther King, Jr. and Black History Month.

Trilogy CEO Liemandt Kicks-Off \$50K Contest

Matthew F. Palmer
STAFF REPORTER

Students filled into 10-250 for the \$50K Entrepreneurship Competition kickoff Wednesday, hopeful that their business ideas would bloom into successful start-ups and pick up \$50,000 on the way.

Student hopefuls came to the kickoff with their Palm Pilots and "Business Plans for Dummies" books in hand to hear keynote speaker Joe Liemandt, Founder and

CEO of Trilogy Software, Inc.

"It sets you up for venture capital," said Neil R. Gupta G, who is considering joining a \$50K team.

"It's a good exercise," Michelle Verris said. She is a team member of Amtek, which won the \$1K Entrepreneurship Competition for its plan to manufacture inexpensive medical technology for developing companies.

"Amtek matched my interests with a project," Verris said.

Verris believes that her Amtek team won because they were "unique and socially conscious." She said the prize money will be reinvested into Amtek.

The \$50K competition might also help to match students with jobs.

Two companies, Zorion.com and Trilogy Software, Inc., advertised employment opportunities at the kickoff.

Stacy Williams, an employee of Trilogy who handed out "Trilogy@MIT" T-shirts, commented that \$50K participants have many marketable skills. "They have the entrepreneurial spirit," Williams said.

Liemandt advised entrepreneurs

The keynote speaker, Joe Liemandt, told the story of his company, Trilogy Software, Inc., and gave quite a bit of advice to the contestants.

"There has never been a better time to be an entrepreneur," he said.

After dropping out of Stanford University just months before graduation, Liemandt and four other students set out to build their own company.

Several failed pitches and dozens of maxed out credit cards made it quite difficult to keep up company morale. "It starts to get lonely out

\$50K, Page 21

Empty Apartments at Worthington Costing MIT \$90,000 Each Month

By Rima Arnaout
NEWS EDITOR

Over 44 graduate students had to move out of the Worthington Place housing complex after MIT's one-year subsidy of 66 apartments expired. In the meanwhile, MIT is paying \$2110/month to rent 44 empty units at Worthington, according to resident Julie L. Eisenhard G.

The Graduate Student Council "only recently realized the fact that" the Worthington units have been empty since the graduate students moved out August 31, 1999, said Graduate Student Council President Luis A. Ortiz G.

The graduate students "chose to move out," said MIT Treasurer Allan S. Bufferd. Market prices "increased at a more rapid rate than anybody anticipated. Those individuals who were renting, I am assuming, came to the conclusion that those new rates were unacceptable ... and sought alternate housing," Bufferd said.

Ortiz thinks that making the Worthington units available will help relieve the already pressured graduate housing situation. "It's horrible to spend money to rent a place that isn't inhabited," Ortiz said.

The Worthington situation comes at a time when MIT is feeling pressure to provide housing for its graduate population. Plans for the graduate dormitory on Pacific and Sidney



MIT currently rents \$90,000 of empty Worthington Place apartments.

Worthington, Page 20

Merged Citizens, U.S. Trust Drop Free Checking Option

By Laura McGrath Moulton
ASSOCIATE NEWS EDITOR

Banking options for students have grown slimmer after this winter's round of mergers and acquisitions in the banking world. In October, BankBoston and Fleet Bank merged to form FleetBoston. More recently, Citizens Financial Group acquired U.S. Trust Boston, a development that will end the days of free checking for students.

Few students are pleased by the recent wave of mergers or the imposition of an \$11 monthly fee.

"Mergers make rich people richer," said Jon M. Robinson '01.

Caroline C. Hon '01, who chose U.S. Trust for its free checking and savings accounts, describes herself as "pretty disgruntled."

"I don't know if it's because of the merger, but [U.S. Trust is] disorganized right now. I haven't received a statement since the summer," Hon said.

Other students are less bothered by these changes. "My main bank is still back home. I have exactly one dollar in U.S. Trust," said Kenneth J. Overgard '01. He added that he would not be keeping his account. "I'd better not, lest my

balance go to \$-11."

Changes for U.S. Trust Customers

U.S. Trust, which billed itself as "the other big bank" in Boston, elicited enthusiasm among students with its free checking accounts. Prior to the merger, U.S. Trust account holders paid no fees for their checking and savings accounts regardless of balances, and they were not subject to transaction or ATM fees.

According to U.S. Trust Customer Service, Citizens Bank will grant free checking to former U.S. Trust account holders for approximately one year before instituting a fee. For a standard flat-fee checking account with no minimum balance in Massachusetts, that fee is \$11 per month, according to Citizens Bank Customer Service.

The bank charges an additional \$20 a year for Overdraft protection. As a result of its participation in the "surcharge free SUM program" for ATMs, the Citizens Bank web site reported that Citizens "will both honor the U.S. Trust commitment [to no-fee ATM use] and add over

Merger, Page 14

Admission Numbers Up Significantly From Last Year



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WORLD & NATION

Panel Suggests Streamlining To Help Fight Terrorism

THE WASHINGTON POST

WASHINGTON

The federal government has a disorganized patchwork of 148 separate law enforcement entities, making the nation more vulnerable to terrorist attacks and creating an urgent need to streamline and consolidate power, former FBI and CIA director William H. Webster told Congress on Thursday.

Webster, chairman of a congressionally chartered panel that studied ways to enhance the nation's crime-fighting ability, said the attorney general needs broad new authority over all aspects of federal law enforcement. He recommended empowering the FBI by giving it control over the Drug Enforcement Administration, as well as the enforcement functions of the Bureau of Alcohol, Tobacco and Firearms, which is now part of the Treasury Department.

"The risks and probabilities of our experiencing major terrorist threats continue to grow," Webster told the Senate Judiciary Committee's subcommittee on criminal justice oversight. "These suggestions have been made before, but there is increased urgency that they be considered due to terrorism and global crime. It is not an effort to aggrandize one agency over another ... but to create less confusion and more effective results."

Austrian President Agrees to Form Controversial and Tenuous Coalition

LOS ANGELES TIMES

VIENNA, AUSTRIA

Shrugging off intense foreign pressure, Austria's president decided to swear members of the far-right Freedom Party into national government Friday after its leader, Joerg Haider, signed a declaration accepting the country's responsibility for Nazi crimes during World War II.

President Thomas Klestil, forced to choose between threatened diplomatic sanctions and the prospect of rejecting the center-right coalition's democratic claim to power, announced he would accept the new government.

The declaration, aimed at blunting international criticism of Austria, fell far short of mollifying its partners in the European Union, who announced that they would immediately make good on threats to isolate Vienna.

Dickering went on throughout Thursday in the president's office at Vienna's Hofburg palace, from which the Hapsburgs ruled much of Central Europe for centuries before the Austro-Hungarian Empire collapsed in the ruins of World War I.

Federal Government to Fine Tobacco Business For Each Underage Smoker

THE WASHINGTON POST

WASHINGTON

The federal government would fine tobacco companies \$3,000 for each underage smoker if teen smoking isn't sharply reduced under a plan being devised by President Clinton, who also will propose a 25 cents per pack increase in the federal excise tax on cigarettes.

The plan, which Clinton will present as part of his budget proposal on Monday, renews a debate on the degree to which tobacco companies should be held accountable for the millions of Americans under 18 who smoke cigarettes or use other tobacco products. Senate Republicans rejected a similar penalty proposal when Congress killed a major antismoking measure in June 1998, although the industry briefly had agreed to pay up to \$2 billion in penalties as part of a government negotiation that eventually collapsed.

Since then, the industry has opposed such penalties, and spokesmen vowed Thursday to fight in Congress and the courts if necessary.

Britain To Suspend Belfast Rule If IRA Does Not Disarm

By Marjorie Miller

LOS ANGELES TIMES

LONDON

The Northern Ireland peace process unraveled further on Thursday as the British government announced that it would resume direct rule over the province within days unless the Irish Republican Army takes steps to disarm.

Northern Ireland Secretary Peter Mandelson told the House of Commons that he would introduce legislation Friday to suspend Belfast's 2-month-old government and transfer power back to London.

Trying to buy time for 11th-hour negotiations, Mandelson said it would take several days to implement the legislation, and that the process could be halted immediately if the IRA were to budge.

Prime Minister Tony Blair met with his Irish counterpart, Bertie Ahern, for about two hours late Thursday hoping that Ahern might have some advances to report after daylong talks with the IRA's political wing, Sinn Fein. But afterward, the two leaders acknowledged their efforts had fallen short so far.

A sudden change of heart by the IRA seemed improbable. Sinn Fein leaders angrily accused the British

government and Northern Ireland's First Minister David Trimble of violating the 1998 Good Friday agreement.

"If the institutions are suspended, it's the greatest disaster to befall Ireland in the last 100 years, and I hope that doesn't happen," Sinn Fein negotiator Martin McGuinness told reporters in Belfast.

McGuinness is education minister in the Protestant-Catholic government of Northern Ireland that was formed in December after 25 years of British rule and a sectarian war between pro-British Protestants and Catholic nationalists who want the province united with the Irish Republic.

Britain's move to retake power from Belfast was the gravest setback yet in the peace process, although it was intended to stave off what the government considers to be an even worse outcome — Trimble's resignation.

Trimble heads the Ulster Unionist Party and has been the most outspoken Protestant leader in support of the peace agreement. But he only won his party's backing to enter a power-sharing government with Sinn Fein last November by promising to quit the Cabinet if IRA guns

were not laid on the table by February. He gave party leaders a post-dated resignation letter.

The British government fears that if Trimble resigns as first minister, the divided unionists may not vote for him again and the peace process would collapse permanently.

On Monday, a commission set up under the peace accord issued a report to the British and Irish governments stating that paramilitaries had not begun to decommission weapons.

Mandelson delivered the commission's message to a grim House of Commons, whose Labor and Tory members refrained from their usual political sparring to present a united front.

"This is unacceptable. Notably in the case of the IRA, it has to be clear that decommissioning is going to happen," Mandelson said.

Trimble welcomed the planned suspension and indicated he would give the government a few more days to try to resolve the crisis. He said the IRA's refusal to start disarming or even lay out how it planned to do so amounted to a "contemptuous response" to the peace process.

Russia Claims Journalist Was Traded for Imprisoned Soldiers

By Richard C. Paddock

LOS ANGELES TIMES

MOSCOW

A correspondent for U.S.-funded Radio Liberty who was arrested while covering the war in Chechnya was handed over to Chechen rebels Thursday in exchange for three Russian soldiers, the Kremlin announced.

Sergei Yastrzhembsky, the government's chief spokesman on the Chechen war, said that veteran journalist Andrei Babitsky had been given to Islamic separatists despite earlier reports that he would be released and flown to Moscow.

"He is now in the hands of the rebels and the responsibility for him lies with those who traded the three servicemen for him," the Kremlin aide told reporters.

The announcement stunned Babitsky's colleagues at Radio Free Europe/Radio Liberty and was met with disbelief by supporters and human rights advocates. Some suggested that the bizarre report of a prisoner exchange was a cover story fabricated to hide the fact that Babitsky had been killed in the custody of Russian troops.

"This is a barbarity," said Babitsky's lawyer, Henri Reznik. "Unfortunately, journalists in the North Caucasus have been placed on the same footing as rebels — a pen on the same footing as a bayonet — and this alarms all of us. There is every reason today to be worried about Babitsky's life."

The Babitsky case threatened to make relations between Washington and Moscow — already rocky —

even worse. State Department spokesman James Foley called the exchange "disturbing" and "unacceptable" and said: "If this report proves true, it would raise very serious questions about Russia's adherence to its international commitments regarding the treatment of noncombatants."

Even before word of the exchange came out, the issue of Babitsky's mid-January arrest had attained such a high profile that it came up this week during the Moscow visit of U.S. Secretary of State Madeleine Albright — who sits on the board of the radio network. The U.S. Embassy in Moscow had earlier raised the issue. Acting President Vladimir Putin had said he was taking a personal interest in the case.

WEATHER

Winter Continues

By Bill Ramstrom

STAFF METEOROLOGIST

On Tuesday, Punxsutawney Phil, the East Coast's famous groundhog, emerged from his den and saw his shadow, thus prognosticating another six weeks of winter. The weekend weather will certainly meet up with these expectations — continued cold, though not as bitter as in recent days, with a chance of a little snow. Early next week we face the possibility of a return to arctic cold once again as a new cold outbreak surges southward.

For today, we will have cloudy skies with a chance of snow flurries throughout the daylight hours. This is mostly attributable to the easterly flow which will be bringing air from the ocean onshore. This type of situation generally brings intermittent snowfall with fairly light accumulations, perhaps on the order of one inch or less.

A weak low will develop just offshore during the day today, turning the flow onshore, leading to light snow along the coast. Over the weekend, a large high pressure system will cover the eastern two thirds of the country, giving us a cool northwesterly flow and fair weather into early next week.

Today: Cloudy with snow flurries. Cool. High 33°F (1°C).

Tonight: Breaking clouds and cold. Low 20°F (-7°C).

Saturday: Mostly sunny and seasonable. High 35°F (2°C).

Saturday Night: Clear, calm, and cold. Low 16°F (-9°C).

Sunday: Windy and colder. High about 25°F (-3°C).

Outlook for Monday: Cold weather returns. Sunny. High struggling to reach 20°F.

Situation for Noon Eastern Standard Time, Friday, February 4, 2000



Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	--- Trough	Shows Snow	☁ Fog
L Low Pressure	—•• Warm Front	Light Rain	⚡ Thunderstorm
S Hurricane	▲▲▲ Cold Front	Moderate Rain	☁ Haze
	—•• Stationary Front	Heavy Rain	

Compiled by MIT Meteorology Staff and The Tech

Israel, Palestine Fail To Agree On Land Swap Plan by Deadline

By Rebecca Trounson

LOS ANGELES TIMES
EREZ CROSSING, GAZA STRIP

It was a relatively rare public, and daylight, meeting between the Israeli and Palestinian leaders, intended to showcase goodwill and at least a modicum of progress in their peace negotiations, even as Israeli-Syrian talks remain stymied.

But Thursday's summit between Israeli Prime Minister Ehud Barak and Palestinian leader Yasser Arafat at this crossing on the edge of Palestinian-ruled Gaza exhibited neither, ending in disagreement over the next Israeli troop withdrawal from the West Bank.

The Palestinians quickly declared the dispute a crisis and angrily accused Israel of attempting

to dictate terms of the land transfers and the talks. Israeli officials, including Barak, acknowledged the difficulties but said the discussions will continue, with negotiators scheduled to meet again Sunday.

"The talks with the Palestinians are going through a difficult patch marked by significant tensions and substantial differences," Barak said in a speech to Labor Party activists in Tel Aviv on Thursday night, according to the Agence France-Presse news service. But he said the problems will be overcome.

Thursday's midday meeting, which lasted a little more than two hours, was intended to push for progress toward reaching a Feb. 13 target on a framework for a final peace deal — or at least to formally

extend the deadline. The public summit followed three private, late-night meetings at secret locations between the two leaders in recent months.

But Barak's spokesman, Gadi Baltiansky, later acknowledged what increasingly has seemed inevitable: that the two sides would not reach the ambitious deadline for producing the detailed blueprint.

The Gaza talks also were meant to clear the way for Israel to transfer an additional six percent of the West Bank to the Palestinians, the latest in a series of troop withdrawals from the occupied territory that were stipulated under an agreement reached last September. Barak's security Cabinet announced the pullback on Wednesday.

Attempting to Reduce Inflation, Europe Raises Euro Interest Rate

By John-Thor Dahlburg

LOS ANGELES TIMES
PARIS

Following the U.S. Federal Reserve's lead, Europe's central bankers hiked interest rates on the euro by one-quarter point Thursday, eager to tamp down inflation and rescue the multinational currency that hit record lows this week.

Leaders of the European Central Bank raised the benchmark interest rate, the Refi, to 3.25 percent. It was the third rate change in the short history of the euro, which was created Jan. 1, 1999, and exists in all forms but cash.

The ECB's president, Wim Duisenberg of the Netherlands, said he and other members of the bank's

governing council were worried that the slump in the euro's value — it dropped to a record low of 96.65 U.S. cents Monday — would kindle inflation because imports priced in dollars and other foreign currencies, including petroleum, would cost more in Europe.

Some analysts read Duisenberg's comments as presaging another rate hike soon.

"Monetary policy must act in looking toward the future," Duisenberg said.

The Europeans acted a day after the U.S. Federal Reserve raised short-term lending rates by one-quarter point to 5.75 percent, the highest level in more than four years, also to keep inflation at bay.

Analysts said the U.S. Fed's decision increased pressure on the Europeans to act, since higher U.S. interest rates make dollar investments even more attractive to the detriment of the euro.

Since its inception, the euro has lost over 16 percent of its value relative to the dollar. Duisenberg on Thursday said higher interest rates should boost the euro's value by ensuring its attractiveness for foreign investors.

The ECB's chief mandate is to keep inflation in the euro zone below 2 percent annually. The 11 euro countries are Austria, Belgium, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Portugal and Spain.

Anti-Virus Program Is Main Cause of Many Weird Computer Malfunctions

NEWSDAY

In a scenario that can only be compared to a vaccine causing virus-like conditions, Symantec Corp. has been scrambling to identify the source of computer malfunctions that occur because systems have loaded its Norton Anti-Virus software program.

While the condition has been labeled by professionals who are dealing with it as the "blankie virus," Symantec said it is not yet fully certain that the condition is actually caused by a virus. Instead, Symantec said, the problem arises when systems attempt to connect to Symantec's Live Update Internet site, to load the latest virus definitions so the software can root out and delete them.

Systems that attempt a live update after not having done so for an extended period of months fail to synchronize definition files correctly, causing the system to generate a "false positive" that locks up a user's system as though an actual virus has been detected, Symantec said.

Symantec still is not certain why the condition occurs, though it said it's rare. The company acknowledged the company has not yet ruled out that a virus in a user's system before the update causes the malfunction, but is subsequently erased when users completely reload their antivirus software.

New York Hospital Faces Fine After Doctor Carves Initials

NEWSDAY

NEW YORK

The New York Health Department slapped a hospital with a \$14,000 fine for failing to report that a doctor had carved his initials into a patient's abdomen and for ignoring past complaints about the doctor pulling the arms of newborn infants.

Earlier Thursday, state officials permanently yanked the medical license of Allan Zarkin for carving an "A" and "Z" into the stomach of a patient on whom he performed a Caesarean section Sept. 7.

"It is my hope that Dr. Zarkin will not practice medicine in the state of New York ever again," said Health Commissioner Antonia Novello, who released a scathing report that outlined seven violations of state medical laws by Beth Israel Medical Center. The agency imposed a \$2,000 fine per violation, the highest allowed under state law.

The department ordered Beth Israel to hire independent consultants to evaluate its obstetrics and gynecology department and its system for monitoring doctors and reviewing their credentials. For the next year, the hospital must also submit quarterly reports to the state detailing its corrective measures.

Novello said concerns about Zarkin's behavior first surfaced in February 1998, when hospital workers complained to superiors that he often "screamed" at patients and staff.

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Looking Over 'Looking Back'

I enjoyed reading Kris Schnee's article "Looking Back at the 20th Century" [Jan. 26]. However, I do have several comments about the dates Schnee cites.

First, while penicillin was discovered in 1928, it did not come into widespread use until about 1943, during World War II.

Also, I have read extensively about telephone history, but nowhere have I ever seen a story about "repeaters," human operators stationed along the route of a call who parroted conversations to each other down the line." Not only would this prohibit privacy, but imagine how distorted the message would be after passing through several human beings! The telephone industry term for an amplifier is a "repeater," and before vacuum tube amplifiers became practical in the late 1910s, mechanical amplifiers were used. I believe that until vacuum tube repeaters became reliable, the greatest long distance connection possible was about a thousand miles (say, Boston to Chicago). One had to go to a special Long Distance station that was wired with very heavy gauge copper wire and used a high-current carbon transmitter. This allowed a much larger signal to travel farther with far fewer losses than normal telephone

lines and transmitters of the day.

Additionally, the first transatlantic phone call was made in 1927 via radio-telephone, long before 1956. This service served well until the first transatlantic phone cable was laid in 1956.

Finally, as far as the first experimental television broadcasts are concerned, the year 1928 is about right, but it's important to note that these systems used mechanical scanning systems, not electronically scanned imaging tubes and viewing tubes. Image resolution was limited to 15 or 20 lines. The first experimental "electronic" television broadcasts were begun by RCA in 1931.

Ron Roscoe

Technical Instructor

Department of Electrical Engineering and Computer Science

Response to Recent 'Rants'

It is the sincerest wish of those of us on campus who enjoy facing reality frankly and as it is — and who are motivated to pursue knowledge not by petty activism, but by a legitimate urge to understand — that *The Tech* stop printing the dull rants of limousine liberals and "socially conscious" students.

I refer to the mediocre thought, the pseudo-socialist tirades, lately issued by Michael Borucke, Eric Plosky, and Philippe Laroche. "Structural solutions" (Plosky) might work on your 18.02 problem set, but for God's sake, keep your engineering minds away from political and social problems. You simply don't have the intestines to have even digested "centuries of philosophical thought" (Laroche).

The Tech, already a mediocre publication, does not do well to print such middle-school insights, which furthermore suffer from the worst sin of all — bad writing.

Costin Alamariu '02

Do it Without 'Do it With'

With regards to the column "Do It With Emotion," featured on Feb. 1, I would like to pose this question: Could the space used by this column be filled with something more tasteful and, perhaps, more beneficial to the MIT community? Although I don't wish to offend the writers, nor the featured participants, I also don't think the subject matter was appropriate for this type of publication.

Victoria Gong '00



Opinion Policy

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A Primary Primer

Eric J. Plosky

So the New Hampshire primary has come and gone, and, unsurprisingly, few at MIT know or care about the results. The process of electing the nation's next president carries little interest, apparently, among our rarefied tech elite, who are far more captivated by the IPO market. Actually, I shouldn't be too harsh; the rest of the country is in pretty much the same boat of uninterest, except that Middle America's eyeballs are instead glued to the WWF.

Swell. And then people wonder why politics is dominated by special interests.

Sure, the national consciousness has swapped a couple of definitions lately — the Man, though he still wears dark suits and spectacles, no longer represents corporate America, but the good old U.S. government. The feds are seen as devious, calculating, and sinister; similar characteristics of corporations have been successfully obscured in recent years by a massive green swirl of bills.

Despite this realignment of American affections, however, our elected officials still control the levers of power. Fewer and fewer people seem to notice, but government remains in charge of such unglamorous matters as war, taxes, policing, transportation, and health. What the president says in his State of the Union address may not be as compelling as news of the latest dot com, but it's probably far more important.

And, therefore, so is the presidential election. In order that the reader might be brought rapidly up to speed on what's been happening, here's a super-condensed report from Campaign 2000.

On the Democratic side, Vice President Al Gore is trying to beat back a credible challenge from ex-senator and NBA star Bill Bradley, who drew nearly even with Al in the Granite State. The two Dems differ mostly in terms of personality. Gore, whatever his attempts at hipness, is a thoroughly conventional wooden soldier who sounds

embarrassingly ridiculous when he tries to yell triumphantly. Bradley is "your favorite teacher," according to a New Hampshire campaign poster; he's thoughtful — nearly lofty — and running for president on the socially responsible intellectual platform.

Bradley is unencumbered by the accident-prone Clinton administration; Gore is its unwilling champion, thanks to the booming economy. Both have their own health-care plans and each seems to delight in attacking the other's, even though the respective campaigns' cost calculations would make any ordinary Joe's eyes glaze over.

Whether Bradley will win the Democratic nomination depends on voters' appraisal of the Bill currently in the White House. Gore is not a candidate in his own right as much as he is a pseudo-Clinton — capable of continuing political business as usual, minus the scandals, minus the magnetism.

Registered Democrats at the upper end of the income-education spectrum have so far not been sold on this combination and have gone for Bradley. Time — more campaigning — will tell if Gore will ultimately be more convincing.

Democrats are particularly concerned about the salability of their eventual nominee because the Republican candidates have so far garnered much more of the national media spotlight.

Heir-apparent George W. Bush, governor of Texas and son of the pre-Clinton president, was rolling in dollars and endorsements early on, only to have the rug snatched from under him in New Hampshire by feisty Arizona Senator John McCain, a maverick ex-P.O.W. with not-conventionally-Republican

ideas. Bush hasn't said much besides "compassionate conservatism"; McCain, the GOP star of the moment, has truculently refused party orthodoxy, calling for campaign finance reform, using the budget surplus to finance Social Security and the national debt, and a small — not Reagan-style — tax cut.

Bush is increasingly perceived as a pampered prince; voters cared not about his adolescent boozing and drugging, nor about his failure of a foreign-policy pop quiz, but are now beginning to question whether he deserves votes simply on the inevitability factor. Until McCain's raucous talk attracted attention, Bush's nomination — even election — seemed set. Now, nobody is sure. Bush has to get serious, has to talk details; McCain must dig in for the long fight, trading flamboyance for palatability.

There are other Republican hopefuls, none of whom stand a chance. Animatronic Steve Forbes is stuck in 1996, the year he should have discovered that a huge personal fortune does not make up for a complete, unblinking lack of charisma. Alan Keyes is a master orator who hasn't yet figured out that even a silver tongue can't sell a hate-filled ideology of homophobia, xenophobia, gun profusion, and isolation. Gary Bauer is even further out right, as demonstrated by his Brylcreemed hair. And on the fringes skulk Reform Party eccentrics Donald Trump and Patrick Buchanan.

Though talking heads have been saying this for months, the campaign season has really just begun — the first-in-the-nation New Hampshire primary is always when everybody starts to get serious. Now is the time to acquire a rudimentary understanding of what's

going on, to figure out who will get your vote. Check <http://www.selectsmart.com> to familiarize yourself with the candidates and their views, and get ready to vote for the next president. Whether or not the next four years are good for the country depends on who'll live in the White House — and we've got the keys.

What the president says in his State of the Union address may not be as compelling as news of the latest dot com, but it's probably far more important.

Though talking heads have been saying this for months, the campaign season has just begun — the New Hampshire primary is when candidates start to get serious. Now is the time to acquire an understanding of what's going on, to figure out who will get your vote.

A Rational Explanation

Guest Column

Tom Nugent

In her Jan. 19 opinion piece ["Twenty Irrelevant Pages"], Susan Buchman '01 uses petty, puerile arguments to attack the character of Judith Kleinfeld, while ignoring the substantive part of her report, "MIT Tarnishes its Reputation with Gender Junk Science." In other words, Buchman tries to discredit a rational discussion with irrational tactics. It is the widespread use of such anti-rational techniques which threatens not only to eliminate the possibility for rational discourse in this nation, but undermines the purpose of pursuing logical, scientific thought at MIT.

Buchman begins her piece with a series of character attacks on both the Independent Women's Forum and Professor Kleinfeld, using both using innuendo ("I'll leave the psycho-analysis of that one to you") and implied, but not overtly stated, pejorative remarks ("The organization makes such well-researched claims as..." and "IWF's standard rhetoric").

Given that Kleinfeld's report is criticizing the lack of objective standards in the MIT report, Buchman's character attack serves only to distract from the main point. She attacks the messengers rather than the message, and hence falls prey to her own accusations of irrelevance.

Buchman is simply wrong when she states that Kleinfeld does not explain why the study falls below scientific standards. I quote from Kleinfeld: "While there are dark references to gender differences in salary, space, and other resources, no actual data are presented in support of any of these claims. Not only is quantitative data missing. Scientific procedures for qualitative

case analysis do not appear to have been followed — the standard procedure for dealing with small numbers of cases." Furthermore, the measurements (which are not actually reported by MIT; only a summary is given) were themselves reportedly done by an interested party — thus invalidating their objectivity. Let me restate these points for the sound-bite mentality: data were not gathered by objective parties, scientific procedures were not followed, and almost no hard data are actually reported.

Buchman says that Kleinfeld goes on for twenty pages on "irrelevant" points. I don't know what report Buchman saw, but in the PDF version I read (www.uaf.edu/north-ern/-mitstudy/mittarn.pdf), Kleinfeld

vides some theories to try to explain the only piece of data provided (without resorting to the catch-all reason of "discrimination"). In other words, she uses a rational, structured approach. How Buchman failed to see this, I do not know.

At the end of her article, Buchman argues that the Kleinfeld report is focused too broadly, and not on the fact that the discrimination report is based solely in the School of Science. In fact, Kleinfeld not only discusses the ways in which the report failed to properly deal with its small sample size, but also how the MIT report itself stated that its findings covered more area than they really do — i.e., it claimed to cover six departments, more than the three departments that complainants were from.

From the conclusion: "The 'Study on the Status of Women Faculty in Science at MIT,' with its secret data, shrill rhetoric, and shoddy analysis tarnishes the reputation of a distinguished scientific institution. The silence by scientists who know better testifies to the spirit of McCarthyism that is invading scientific inquiry." Kleinfeld makes a strong case that the MIT gender report is not, in fact, very scientific. It would seem obvious that not only should MIT never be able to be accused of bad science in its studies, it especially should be beyond reproach when it uses those studies to implement policy, given the extent to which MIT people are consulted for input on policy decisions around the world.

More than anything else, I simply recommend reading the Kleinfeld report and deciding for yourself if it has merit. After all, our discourse should be based on facts, not irrelevancies and misstatements.

Tom Nugent received an S.M. degree from MIT in 1999.

...Buchman tries to discredit a rational discussion with irrational tactics. It is the widespread use of such techniques which threatens not only to eliminate the possibility for rational discourse in this nation, but undermines the purpose of pursuing logical, scientific thought at MIT.

spends 11 pages (not Buchman's 20) discussing possible theories as to why one might expect differences in gender representation on the faculty even if there was absolutely no discrimination. These pages are relevant because they present a theory to explain the only data that were provided by MIT (i.e., the number of female faculty). In other words, even ignoring the poor scientific method used, MIT is far from proving that discrimination is at work.

Rather than going through Kleinfeld's report piece by piece, let me summarize the structure of it. She first presents a bit of background on the MIT gender report, then dissects the scientific problems with it, criticizes the uncritical acceptance of the report and the lack of reporting of data, then pro-

The Need for Ethics Debate

Kris Schnee

The 1973 Supreme Court case of *Roe v. Wade* established the current law of the land on abortion: that the decision of a woman to terminate her pregnancy is her "right to choose," and may not be forbidden even by act of Congress. As is proclaimed by many Physics Department T-shirts, "That is the law. The rest is commentary." It is basically immutable unless the Supreme Court changes its mind, barring an unlikely constitutional amendment. And yet the "commentary" has been heated and extensive lately, both in Massachusetts and in the country at large. It may seem that the people debating abortion now are only nibbling at the edges of the issue, but their conflict will help to define the way we turn ethics into politics in the years to come.

The 'MIT Pro-Life' organization has a permanent poster in the Infinite Corridor — permanent, that is, despite suspiciously frequent damage. One day, the board was found vandalized: where it asked rhetorically how many abortions there were at MIT per year, someone had torn the paper and scrawled, "None of your business." Is this the way we want political debate to be held — with one-liners and vandalism? Regardless of what any of us thinks of abortion, it is surely a better idea to debate — to put forward ideas — than to simply lash out at those we disagree with. If some students feel strongly enough about the issue, why don't they start a 'Pro-Choice' group?

Last month, the Massachusetts State Supreme Court ruled that a 25-foot "buffer zone" could be created outside abortion clinics, barring protesters from the area, without violating the First Amendment. The ruling clears the way for a proposed state law, and is a victory for free debate and individual liberty. The clinics' customers want abortions, and the law says they can have them. People are also free to travel to and from the clinics without being threatened. The anti-abortion protesters outside the clinics want to make a public statement of their beliefs, and to try to change the minds of the women entering. The patients' and protesters' goals are compatible. The potential law limits protesters' ability to physically intimidate clinic patients and prevent them from entering; it restricts bullying, not freedom of speech. One caveat, though: this legislation must be carefully watched, lest a buffer of 25 feet become 25 miles. The potential for abuse is something we have to deal with.

George Will reported in a recent *Washington Post* column on an ongoing side story to abortion: the use of aborted fetuses in medical research. Such research with federal money is restricted. Though the National Institutes of Health has been revising its rules on that point, private researchers have more leeway. Will cited a movement in Nebraska to end the state university's ties to an abortion clinic that supplies its medical center with fetuses for research, and he commented that the university has "an obligation of citizenship" to respect the beliefs of "a substantial portion of the tax-paying public."

Note this proposed way of dealing with ethical issues: restrict any public research that a substantial minority objects to. (How 'substantial'?) Possible alternatives include legislative action or a public referendum with majority rule. And how will we deal with private research — leave it free, or try to restrict it even if the money does not come from taxpayers? Whether or not we agree with Will's position on embryo research, his is the best way we have to settle the tough issues surrounding abortion — not vandalism or intimidation, but laying out the facts and our options.

This particular debate over embryo research may soon become obsolete. The research company Geron announced just days ago that it has a new method for cloning human tissue without creating embryos; while the process still starts with embryonic cells, this limitation will probably soon be overcome. It will be possible to grow replacement organs without creating embryos to use for spare parts.

But the ethical issues technology creates are going to get much more complex and numerous in the next few decades, and we would do well to prepare for them. Practical ethics is about choices and consequences, not abstract obligations: what will happen if we allow or forbid something? What kind of restrictions on abortion protesters will protect clinic patients without violating anyone's legal rights? Do we value human embryos enough to live without the benefits public research on them may bring? These are valid and important questions, and we need open debate on them, now. The way we handle them will affect the next hundred ethical issues down the line.

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THE ARTS

THEATER PREVIEW

Ethnographic Museum of Irrelevant Races

Highly Relevant



GREG KUHNEN—THE TECH

Poulami Radakrisnavalon
(Parama Chattopadhyay '02)

By Fred Choi

ASSOCIATE ARTS EDITOR

Presented by Dramashop

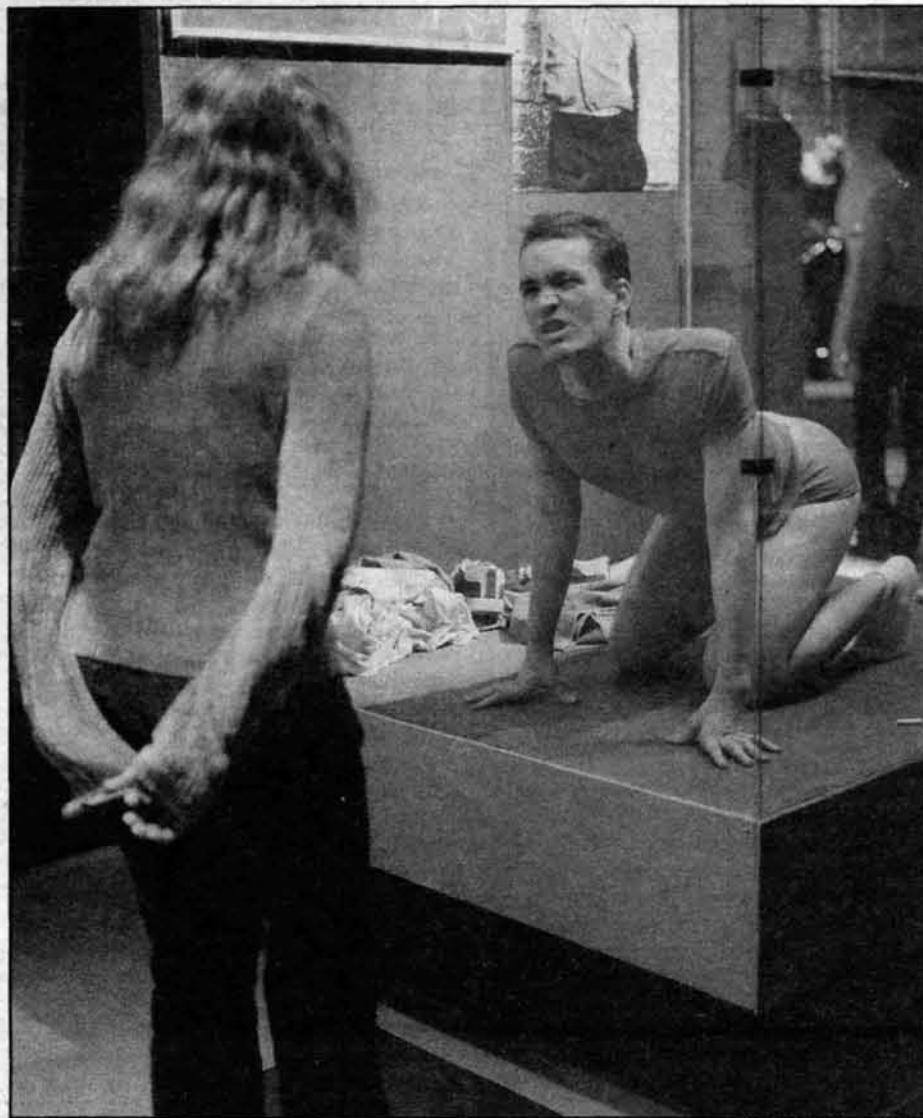
Directed by Brenda Cotto-Escalera, Guillermo Gómez-Peña, and Leticia Nieto

Exhibits developed by Parama Chattopadhyay '02, Rishard Chen '02, Thomas Cork '99, Talia Kingsbury '99, Holly Kosisky, Malena Mayorga, and Rani Matuk '02

It is difficult to imagine another exhibit, whether within a museum context or not, that is as simultaneously disturbing and moving as that which is showcased in the Ethnographic Museum of Irrelevant Races, located in Little Kresge (48 Massachusetts Avenue) at MIT. According to the museum the mission of the EMIR is to "catalog and present relics of race and civilization dating from the beginning of time to the present, as well as 'living specimens' and their unique artifacts," and to "preserve, interpret, and exhibit these relics and specimens in their proper cultural, social, and economic contexts and in a manner that causes the viewer to rethink and question how aspects of the world we live in are represented and manipulated."

It is to the great credit of the museum's co-directors, visiting professor Guillermo Gómez-Peña, MIT Faculty Member Brenda Cotto-Escalera, and special consultant Leticia Nieto, that the museum fulfills its mission to the fullest and produces a riveting, and at times cathartic experience like none other.

Upon entering the Ethnographic Museum of Irrelevant Races one is immediately drawn to MIT Faculty Member William Fregosi's amazing design. The stage of Little Kresge has been transformed beyond recognition to house the interactive "living dioramas," which form the central part of the Museum. In addition, the designers of the exhibits (Fregosi, as well as MIT Faculty members Leslie Cocuzzo-Held and Karen Perlow and Dramashop member Teresa Hernandez '01) have taken extraordinary pains to provide authen-



GREG KUHNEN—THE TECH

Many Ethnographic Museum exhibits lend themselves to audience participation, such as "El Technophallico Jalapeño," played by Thomas Cork '00.

tic settings for the relics and living specimens, going so far as to create magnificent Mayan ceremonial garb and a rotating platform for use in pole dancing. All of these ideas are skillfully implemented by the exhibit fabrication team, headed by MIT Faculty members Michael Katz and Diane Brainerd.

As admirable and complete as the elements of the settings are, however, it is the living specimens themselves that are so captivating. The seven specimens range widely in character, from the DJ Arab Menace (*arabius maximus fucagus*), who "use[s] ... traditional Arab hospitality as a tool of seduc-

tion," to La Puta de Guadalupe (*virginus putrefactus kinetica*), a "temperamental idol" who accepts offerings and sometimes "fulfill[s] the wishes of her supplicants."

Although one's initial emotions in regarding the specimens are of pity at seeing a fellow human in a cage or enchained, these feelings are quickly replaced by deeper, more visceral emotions, such as confusion, fascination, and amusement, and in some cases fear, disgust, and even resentment. But in all cases it is impossible not to feel compassion towards this collection of tortured beings. They are, of course, not tortured by



JAMES CAMP—THE TECH

"CANTABRIDGIAN REDNECK EXILE"
(Holly Kosisky)

the museum staff who cares for them, but by the inner conflicts they express externally and which viewers can experience from the vantage point of visitors to the exhibit. As co-director Brenda Cotto-Escalera explains, "in today's American society ... we live as fragmented beings" and the selection of specimens for the exhibit clearly and somewhat dispassionately reflects these contemporary feelings of despair, disillusionment, and rage.

The exhibit development team, comprised of Dramashop members Parama Chattopadhyay '02, Rishard Chen '02, Thomas Cork '99, Talia Kingsbury '99, Holly Kosisky, Malena Mayorga, and Rani Matuk '02, deserves strong commendation for its successful efforts in caring for their live specimens and bringing them forward for us to scrutinize.

In addition, the guards, Sloan Kulper '03 and Dora Kelle '03, are adept at anticipating trouble and ensuring that the specimens are watched closely, and are often available to answer questions about the exhibit. The Assistant Director of the Museum, Anand Sarwate '01, and the docents, Alice Cavallo and Brandy Evans '01, are knowledgeable and helpful in providing information to the visitors not included on the sometimes convoluted placards which accompany each specimen in the exhibit. The docents also carefully monitor the interactions which occur, at first tentatively, between visitors and the specimens. The visitors tend to become more confident in their interactions as they get to know the docents, and they begin to discover that the specimens are not as foreign as they might have believed initially, as we all share a common humanity. These discoveries and others like them are ultimately what make the visit to this museum so powerful and affecting, and ultimately satisfying; this is definitely an event which must be experienced by all.

Also included in the Museum are a gift shop and video presentations which introduce visitors to "radical interpretations of culture based on race, hegemonic principles, covert ideology, and social construction." The Museum's hours are February 4, 5, 7, from 7-8:30, and 9-10:30. February 6, from 1-2:30, and from 3-4:30. The prices are \$6 for students/senior citizens and \$8 for the general public for each one and a half hour showing. Due to the adult content in some of the exhibits parental discretion is advised. For additional information, visit <<http://emir.mit.edu/>>.



GABOR CSANYI—THE TECH

Visitors to the Ethnographic Museum react to "El Chinese MacMaya," played by Rishard Chen '02. Visitors are protected from the exhibit's occasionally violent Chinese and Mayan rituals by a plexiglas case.

MUSIC REVIEW

*State of the Airwaves**Vigor, Victors, and Vegetables*

By Dan Katz

ARTS EDITOR

If January was a stagnant concert month, February is clearly getting off to a good start to make up for it. For one thing, the Paradise Rock Club is finally hosting decent acts again, starting with Scottish rockers Travis two days ago and continuing with Jump Little Children tonight. They've got stiff competition, though, from the Airwaves Show of the Week, a much-anticipated They Might Be Giants show at the Avalon (for which tickets went on sale in early December). If you prefer a more local flava, Boston's answer to TMBG, The Gravel Pit, show up at the Middle East on Saturday night, while the Orchestra Morphine will perform at the Somerville Theater Sunday night in a continuing effort to raise money for music education in the name of the late former frontman of Morphine, Mark Sandman.

And now, the moment you've all been waiting for... the winners of the State of the Airwaves Reader Awards. Due to the low number of entries, we had a quite a few ties, but in most categories, somebody managed to claw their way to the top (usually simply by getting multiple votes). Without further ado, here are your winners:

Album of the Year: *The Fragile* by Nine Inch Nails (my #2 pick for the year...)

Single of the Year: "Static X" by Push It

Live Act of the Year: Metallica and the San Francisco Symphony Orchestra (clever choice)

Music Video of the Year (TIE): "Falling Away From Me" by Korn and "Shock The Monkey" by Coal Chamber

Most Annoying Personality of the Year: Katie Jeffreys (in a disturbingly unanimous decision)

Thanks to everybody who voted, and everybody who continues to read this column into the year 2000. (No, you're not going to get any dramatic and inaccurate millennium comments...)

Quick overview of the latest singles to hit radio: the Foo Fighters' impressively dark "Stacked Actors" proves that Dave Grohl can follow the heavier turn taken by Stone Temple Pilots' latest album, but with better execution.

Staind's "Home" is a little slower than "Mudshovel," a little poppier and less obnoxious than "Just Go," and in general, just the thing to keep them on the road to being the successors to Korn's neo-metal thrones.

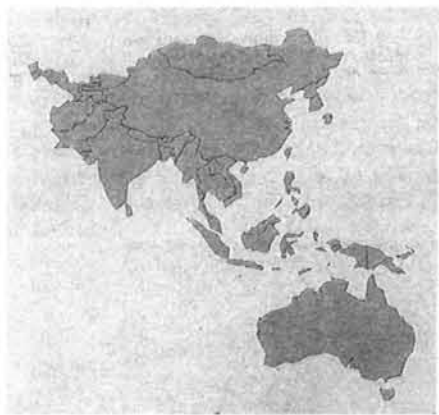
And "Trash" is not the second single I would have recommended Jimmie's Chicken Shack to pull off their excellent album, *Bring Your Own Stereo*, but it's catchy enough to succeed. (Plus I always approve of a radio single that contains the line, "Tell your mom to stop calling me.")

So last week, diabolical herbivore and widely acclaimed annoying personality Katie Jeffreys revealed my deep, dark secret, and this week, I must fess up to it. Yes, it's true, I am currently dating a vegetarian. (And for your information, Katie, the "somewhat" you cited is no longer valid.) I have found the warmth within my heart to look past this small transgression, to see the wonderful person she is despite her strange antipathy to consuming dead animals. However, some vegetarians lack that shining light beneath the green exterior — some instead possess more green within, in the form of jealousy. Poor Katie, so obsessed with me that you have to point out my girlfriend's faults to the entire campus. But alas, I am taken, and you'd best find some other non-vegetarian to date in order to vicariously live out your subconscious desire to eat a hamburger.

No more voting to do, but you can still write to me! Send me opinions. Send me complaints. Send me arguments. Send me clever things to say about vegetarianism before I run out of ideas. Whatever you send, send it to <airwaves@the-tech.mit.edu>, and make an old music critic very happy. Until next week, same Airwaves-time, same Airwaves-channel, keep expanding your horizons.

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ON THE SCREEN

BY THE TECH ARTS STAFF

The following movies are playing this weekend at local theaters. The Tech suggests using <<http://www.boston.com>> for a complete listing of times and locations.

- ★★★★ Excellent
- ★★★ Good
- ★★ Fair
- ★ Poor

American Beauty (★½)

An extremely annoying movie: this deadpan black tragicomedy is a laughable failure as a work of art, being pretentious, simplistic, and self-important. Excepting a truly remarkable performance by Kevin Spacey (whose part is disappointingly small), there's nothing to this movie beyond tortured metaphors, caricatures instead of characters, and a messy pile-up of red herrings instead of a plot. — Vlad Zelevinsky

Anna and the King (★★½)

Chow Yun Fat is an Oscar-worthy scene-stealer with riveting screen presence as the Thai King Mongkut; the only other three-dimensional character is played by Bai Ling in a passionately sincere performance. Jodie Foster disappoints for the first time as the British governess Anna Leonowens. See the movie for the stunning visuals: gorgeous, sprawling epic sets, beautiful details, and the regal Chow Yun Fat's performance which keeps lighting up the screen. — Zarminae Ansari

Being John Malkovich (★★★★)

A film so different, so whacked-out, so original, and totally unlike anything else out there — like Monty Python at their most deadpan hilarious. An unconventional mixture of comedy, satire, and frighteningly deep ruminations on the nature of personality. — VZ

The Cider House Rules (★★★)

Despite the fact that the protagonists' name is Homer, this film ends up feeling less like a Homeric epic and more like a Norman Rockwell painting: hardly great art or even art at all, but something with instantly recognizable humanity and an overall impact that can hardly be ignored. Credit this mostly to luminous acting and the screenplay's understated emotional complexity. — VZ

Cradle Will Rock (★★★★)

A rich, visually inventive, amazingly-acted, and consistently hilarious tapestry of art set in

the 1930's, weaving together characters from John Cusack's Nelson Rockefeller to Emily Watson's homeless street performer. A perfect opening sequence, a perfect closing shot. — VZ

Galaxy Quest (★★½)

Not quite the *Star Trek* parody that it starts out like; more of a *Star Trek* rip-off, with the same stupid computer graphics, fake sets, plot holes (all of the above rather irritating), and general air of amiable nonsense (very enjoyable). It's also neat to see a bunch of good actors having fun. Rather stupid, really; at the same time, rather cute. — VZ

Girl, Interrupted (★★½)

Exploring the struggles of a teenage girl in a mental hospital, Winona Ryder manages the lows but not highs of her character effectively, creating a somewhat skewed view of the movie. However, Angelina Jolie and Brittany Murphy are excellent supporting actresses and serve to balance the movie, while the rest of the acting is lukewarm. Additionally, the dramatic details, such as the lighting, create moods and scenes that are compelling, but that do not make up for the lack of plot. — Amy Meadows

Magnolia (★★½)

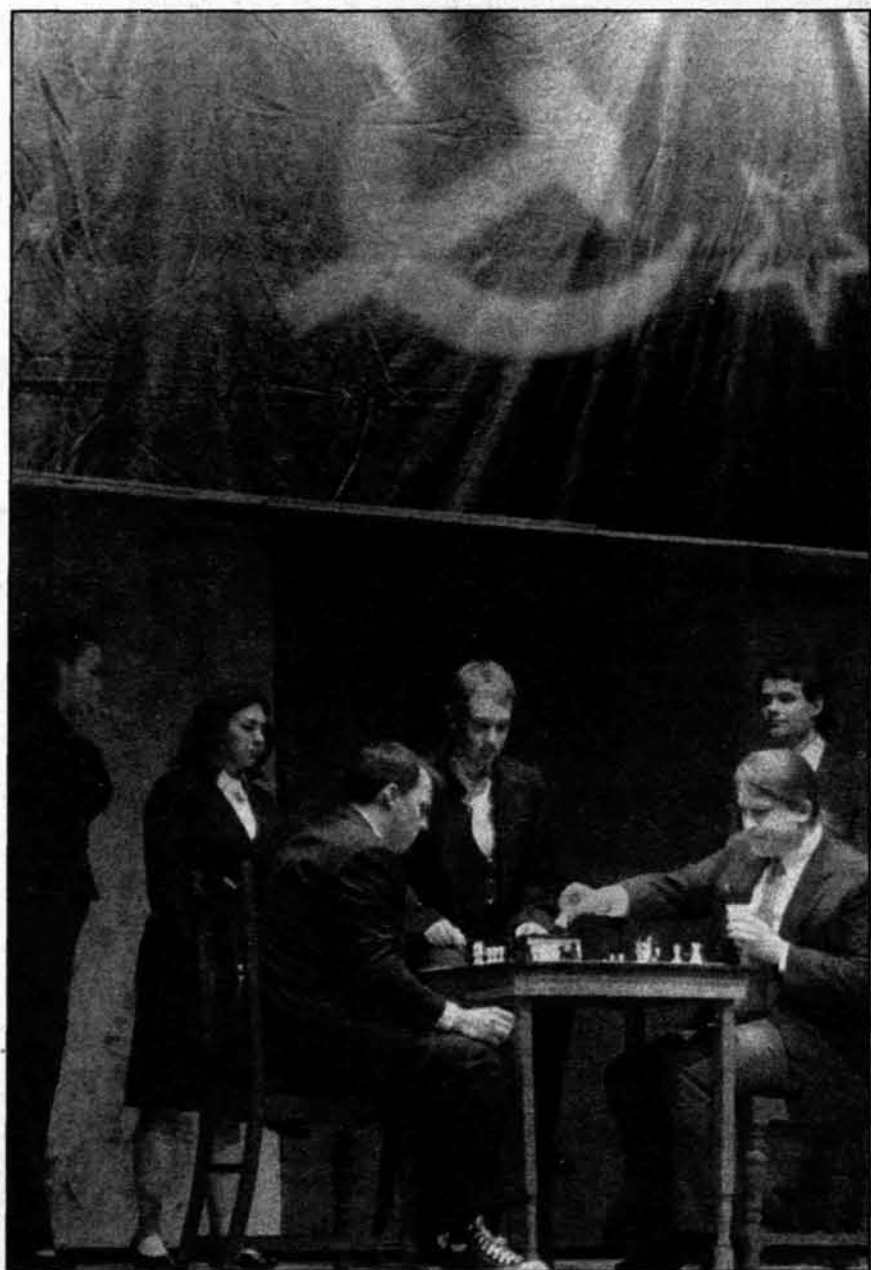
A sprawling incoherent mess of a movie, with a story and characters that manage to be both jaw-droppingly obvious and make no sense whatsoever. On the other hand, the annoying narrative bombast is compensated by great visual verve, and the climactic sequence is simply the most wildly creative bit of filmmaking of 1999, even though it has nothing to do with the rest of the movie. — VZ

The Talented Mr. Ripley (★★★)

A lot to recommend: a complex plot, accomplished acting (Matt Damon and Cate Blanchett especially), and gorgeous visuals; especially impressive is the degree to which the audience gets to understand and identify with the film's immoral protagonist. A bit too slowly-paced, though. — VZ

Toy Story 2 (★★★★)

An instant classic, one of the most creative and fun movies of the year, this completely computer-generated sequel about the adventures of a bunch of toys is clever, funny, complex, and, most surprisingly, deeply emotional. — VZ



CHESS PIECES — Master players find themselves to be pawns in a larger game as an international chess championship becomes a political showdown between East and West in *Chess*, a Tim Rice musical performed by MIT's Musical Theatre Guild. The musical, playing at 8pm on Friday and Saturday and 2pm Saturday and Sunday in La Sala de Puerto Rico, will be reviewed in Tuesday's issue.

Popular Music

Berklee Performance Center
Berklee College of Music
1140 Boylston St.
Free student recitals and faculty concerts, 4 p.m. and 7 p.m. some weekdays. For info, on these concerts, call the Performance Information Line at 747-8820.

Feb. 4-5: Margaret Cho \$36.50-\$26.50.

The Middle East
Ticketmaster: 931-2000.
Ticket prices vary. Call 354-8238 for more info.

Feb. 4: Michigan Blacksnake.
Feb. 4: Strict 9 (with Soul Machine).

Feb. 5: Dr. Didg.
Feb. 5: The Gravel Pit - Benefit show for Paul Natale.

Feb. 7: Crooked Fingers (features Eric Bachman, formerly of Archers of Loaf, with Empire Games).

Feb. 8: Piebald.
Feb. 9: Dan Rockett Band - Benefit show for Lil' Miss Bliss (with Another Planet and Stretch).

Feb. 9: Trobadours (with Chelsea on Fire, Andy Stochansky, and Megan Toohey).

Feb. 10: Half Japanese (with the Peer Group and the Forty-Fives).

Feb. 11: Barbero (with Crack Torch, R.C. Crimewave, Getto Thunder and Tracy Husky).

Feb. 11: Deep Banana Blackout.

Orpheum Theatre
Ticketmaster: 931-2000

Feb. 6: Marc Anthony. \$56, \$43.50, \$30.50.
Feb. 11-12: Beck, Sold Out.

Sanders Theatre
617-496-2222
45 Quincy St., 02138

Feb. 6: Ladysmith Black Mambazo, \$28, \$22.
Feb. 11: Leo Kottke, \$25.50, \$23.50.

Jazz Music

Regattabar
Concertix: 876-7777

Feb. 4-5: Toots Thielemans and Kenny Werner.
Feb. 8: Charlie Kohlhase Quintet.
Feb. 9: Ron Gill Sextet.
Feb. 10: Bruce Katz Band.
Feb. 11-13: Tommy Flanagan Trio.

Scullers Jazz Club
(All performers have two shows per day unless otherwise noted.)

Feb. 4: Carol Sloane Trio.
Feb. 5-6: Jean Carne & Angela Bofill.
Feb. 9: Will McMillan.
Feb. 10: Myanna With Wannetta Jackson.
Feb. 11-13: Abbey Lincoln.

Classical Music

Phillip Glass's Akhnaten
Feb. 4 at 7:30 p.m., Feb. 6 at 3:00 p.m. at the Shubert Theatre, 265 Tremont St., Boston, MA 02116. The Boston Lyric Opera presents the third of famed American minimalist Glass's "portrait operas," based on the life of Egypt's first monotheistic ruler. Sung in English, Hebrew, Egyptian Arabic, and the ancient Semitic language Akkadian, with English surtitles. Tickets \$26-\$108, call 1-800-447-7400. In addition, a

On The Town

A weekly guide to the arts in Boston
February 4 - 11
Compiled by Fred Choi

Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

pre-performance lecture takes place one hour prior to each performance at the Tremont House Hotel, next to the Shubert Theatre. The lecture is free to all ticket holders. For further information, call the BLO at (617) 542-4912.

Boston Symphony Orchestra
Tickets: 266-1492.

Performances at Symphony Hall, 301 Massachusetts Ave., Boston unless otherwise noted. For MIT Students: Tickets are offered for Thursday evening concerts (8pm) and Friday afternoon concerts (1:30 p.m.) and are available on the day of the concert only at the BSO Box Office at Symphony Hall (301 Massachusetts Ave. Open 10 a.m. - 6 p.m.). Two tickets may be obtained with two current valid MIT student IDs, subject to availability. For updated MIT student ticket availability, call 638-9478 after 10 a.m. on the day of concert.

Feb. 4-5, 8: Beethoven: Leonore Overture No. 2, Piano Concerto No. 1; Poulenc: Stabat Mater. Bernard Haitink, conductor; Murray Perahia, piano; Tanglewood Festival Chorus, John Oliver, conductor. Pre-concert talk given by Jessie Ann Owens at 7 p.m. before each performance.

Theater

The Secret Garden

Feb. 4-5 at 8 p.m., Feb. 5-6 at 2 p.m. on the Barstow Stage in Alumnae Hall at Wellesley College: The classic children's novel has been brilliantly adapted into a musical by the Pulitzer-Prize-winning playwright Marsha Norman. Directed by Pauline Yasuda '00 and Stacey Bubolz '00. Free for all Wellesley and MIT students. For more information, call 781-283-2000.

Actors from the London Stage
Feb. 8-9 on the Barstow Stage in Alumnae Hall at Wellesley College: Actors trained in various methods of acting in London theatres come Wellesley to perform minimalist Shakespeare. Free for all Wellesley and MIT students. For more information, call 781-283-2000.

A Copland Celebration
Feb. 10-13 at The Boston Conservatory Theater. Students of the Boston Conservatory Dance Division give the professional premiere of "Appalachian Spring," choreographed by Martha Graham and music by

Aaron Copland. Tickets \$32, Student Rush \$7. Call (617) 912-9142 for tickets.

Miss Julie
Through Feb. 19. Th.-Sat. at 8:00 p.m., Sun. 2:00 p.m. at the Black Box Theatre in the Boston Center for the Arts, 539 Tremont St. The Coyote Theatre, a professional, non-profit theatre founded in 1991, presents August Strindberg's *Miss Julie*. In the play an aristocratic young woman engages in a heated sexual tryst with her father's servant. Tickets for previews \$15, for performances Th. and Sun. \$20, Fri. and Sat. \$22.50. For more information or to reserve tickets, call the box office at (617) 426-ARTS.

Anne of Green Gables
Feb. 4-27, Fri. at 7:30 p.m., Sat. and Sun. at 3:00 p.m.: The Wheelock Family Theatre (180 The Riverway, Boston) presents the family musical based on the L.M. Montgomery classic. Tickets are \$17, \$15, and \$10. ASL and Audio description Feb. 25 and 27. The theater is wheelchair accessible. To reserve tickets or for more information, call 617-734-4760, TTY 731-4426.

Blue Man Group
Charles Playhouse, 74 Warren Street, Boston, indefinitely. Curtain is at 8 p.m. on Wednesday and Thursday, at 7 and 10 p.m. on Friday and Saturday, and at 3 and 6 p.m. on Sunday. Tickets \$35 to \$45. Call 426-6912 for tickets and information on how to see the show for free by ushering.

Shear Madness
Charles Playhouse Stage II, 74 Warren Street, Boston (426-5225), indefinitely. Curtain is at 8 p.m. Tuesday through Friday, at 6:30 and 9:30 p.m. on Saturday, and at 3 and 7:30 p.m. on Sunday. Tickets \$30-34.

Exhibits

Isabella Stewart Gardner Museum
280 The Fenway, Boston. (566-1401), Tues.-Sun. 11 a.m.-5 p.m. Admission \$10 (\$11 on weekends), \$7 for seniors, \$5 for students with ID (\$3 on Wed.), free for children under 18. The museum, built in the style of a 15th-century Venetian palace, houses more than 2500 art objects, with emphasis on Italian Renaissance and 17th-century Dutch works. Among the high-

lights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.

Museum of Fine Arts
465 Huntington Ave., Boston. (267-9300), Mon.-Tues., 10 a.m.-4:45 p.m.; Wed., 10 a.m.-9:45 p.m.; Thurs.-Fri., 10 a.m.-5 p.m.; Sat.-Sun., 10 a.m.-5:45 p.m. West Wing open Thurs.-Fri. until 9:45 p.m. Admission free with MIT ID, otherwise \$10, \$8 for students and seniors, children under 17 free; \$2 after 5 p.m. Thurs.-Fri., free Wed. after 4 p.m. Mon.-Fri.: introductory walks through all collections begin at 10:30 a.m. and 1:30 p.m.; "Asian, Egyptian, and Classical Walks" begin at 11:30 a.m.; "American Painting and Decorative Arts Walks" begin at 12:30 p.m.; "European Painting and Decorative Arts Walks" begin at 2:30 p.m.; Introductory tours are also offered Sat. at 11 a.m. and 1:30 p.m.

Permanent Gallery Installations: "Late Gothic Gallery," featuring a restored 15th-century stained glass window from Hampton Court, 14th- and 15th-century stone, alabaster, and polychrome wood sculptures from France and the Netherlands; "Mummy Mask Gallery," a newly renovated Egyptian gallery, features primitive masks dating from as far back as 2500 B.C.; "European Decorative Arts from 1950 to the Present"; "John Singer Sargent: Studies for MFA and Boston Public Library Murals." Gallery lectures are free with museum admission.

Museum of Our National Heritage
33 Marrett Rd., Lexington, 02421. (781-861-6559), Mon.-Sat. 10 a.m.-5 p.m.; Sun. 12 p.m.-5 p.m. Admission and parking free. <http://www.mnh.org>

George Washington, American Symbol
Through Feb. 27, 2000. In observance of the 200th anniversary of his death, the Museum is hosting a unique exhibition which presents the most comprehensive exploration of the enduring nature of Washington's image. The exhibit will present more than 150 paintings, prints, sculptures, decorative objects, and memorabilia, including works by Peale, Gilbert Stuart, Norman Rockwell, and N.C. Wyeth.

Museum of Science
Science Park, Boston. (723-2500), Daily, 9 a.m.-5 p.m.; Fri.,

9 a.m.-9 p.m.; Sat.-Sun., 9 a.m.-5 p.m. Admission free with MIT ID, otherwise \$9, \$7 for children 3-14 and seniors.

The Museum features the theater of electricity (with indoor thunder-and-lightning shows daily) and more than 600 hands-on exhibits. Ongoing: "Discovery Center"; "Investigate! A See-For-Yourself Exhibit"; "Science in the Park: Playing with Forces and Motion"; "Seeing Is Deceiving." Ongoing: "Everest: Roof of the World"; "Living on the Edge." Admission to Omni, laser, and planetarium shows is \$7.50, \$5.50 for children and seniors. Now showing: "Laser Depeche Mode," Sun., 8 p.m.; "Laser Offspring," Thurs.-Sat., 8 p.m.; "Laser Rush," Sun., 9:15; "Laser Beastie Boys," Thurs.-Sat., 9:15 p.m.; "Laser Floyd's Wall," Fri.-Sat., 10:30 p.m.; "Friday Night Stargazing," Fri., 8:30 p.m.; "Welcome to the Universe," daily; "Quest for Contact: Are We Alone?" daily.

Commonwealth Museum
220 Morrissey Blvd., Boston, 02125. Located across from the JFK Library. Hours: M-F 9-5, S 9-3. Admission is Free. For more info. or to arrange a tour, call 617-727-9268.

Other Events

b&w men: James Spada
Through Feb. 18, Open daily 9 a.m. to 5 p.m. Call for weekend hours. At the New England School of Photography (537 Commonwealth Ave., Boston, 02115): A photographic exhibition by the author of biographies of Barbra Streisand and Bette Davis and editor of pictorial biographies of Jackie Onassis, Marilyn Monroe, Katharine Hepburn, and Jane Fonda. Call 437-1868 for more information.

John F. Kennedy Library Public Forums
At the John F. Kennedy Library and Museum, Columbia Point, Boston. Free. For more info., call 617-929-4571.

The People's Lawyer: A Tribute to Judge A. Leon Higginbotham

Feb. 6, 3 to 5 p.m.: Harvard law professor Charles Ogletree will provide the keynote address at this tribute to A. Leon Higginbotham (1928-1998) the first African American commissioner of any Federal Regulatory Agency and one of the country's most prominent and influential judges. The tribute will also include clips

of Judge Higginbotham and remembrances from friends and colleagues, including William H. Brown, Stephanie Franklin-Suber, and Anita Hill.

The Journey of Howard Thurman: A Centennial Celebration

Film Festivals
At the Museum of Fine Arts, Boston, 02115. For tickets and more information, call 369-3770. Tickets for each showing are \$7, \$6 MFA members, seniors, students, unless otherwise noted.

Boston Film Artists Present

Feb. 5, 12, 19, 26: *A Hero for Daisy* By Mary Mazzio (1999, 42 min.). A moving portrait of Yale rowing legend Chris Ernst. In 1976 Ernst galvanized her rowing team to storm the Yale athletic director's office to protest the lack of locker-room facilities for women. The story was carried by all of the major international news outlets and Ernst won her fight for new locker rooms two weeks later. She went on to represent the U.S. in two Olympic games, becoming a world champion in 1986.

African Cinema 2000
Tickets 8-film series \$40, \$32 MFA members, students, seniors.

Feb. 9, 10, 12: *Pieces D'Identites* By Mweze Ngangura (Congo/Belgium, 1998, 94 min.). From the director of the hugely entertaining and popular comedy *La vie est belle* comes an equally appealing new film that sports a zany cast of characters. Set in contemporary Europe, *Pieces d'Identites* tells the timeless story of an old king and his beautiful, wayward, daughter. The film addresses some of the most troubling issues of identity facing people of African descent in the ever-widening Diaspora of the late 20th century. In French with subtitles.

Boston Ballet Company: Without Words

Feb. 10-20 at the Schubert Theatre, 265 Tremont St., Boston. World premieres choreographed by one of Spain's great modern dance choreographers and leader of Spain's acclaimed Compania Nacional de Danza, Nacho Duato, and by American Mark Godden, currently in residence at the Royal Winnipeg Ballet, and Paul Taylor's "Company B." For reservations call Telecharge 800-447-7400 or the Ballet's box office 617-695-6950. Tickets: \$73-\$12.50, \$12.50 student rush.

Lesbigay Film Series

Club Pride at Roxbury Community College presents a monthly Lesbigay Film Series. Friday nights, February 11, March 3, April 14 at 6 p.m. at the Roxbury Community College, Academic Building, Room 121 (1234 Columbus Avenue, at the intersection of Columbus and Tremont, located directly across street from the Roxbury Crossing T station (Orange Line). Free parking. Free and open to the public refreshments served. Feb. 11: *Greetings from Africa* (US, 1994, Director: Cheryl Dunye, 8 minutes); A highly entertaining rumination on lesbian dating 90's style. *Dakan* (Destiny) (Guinea, 1997, Director: Mohamed Camara, 87 minutes) in French and Mandikan with English Subtitles. The first feature film on homosexuality in sub-Saharan Africa, this is a modern adaptation of the age-old Romeo and Juliet conflict between love and social convention.

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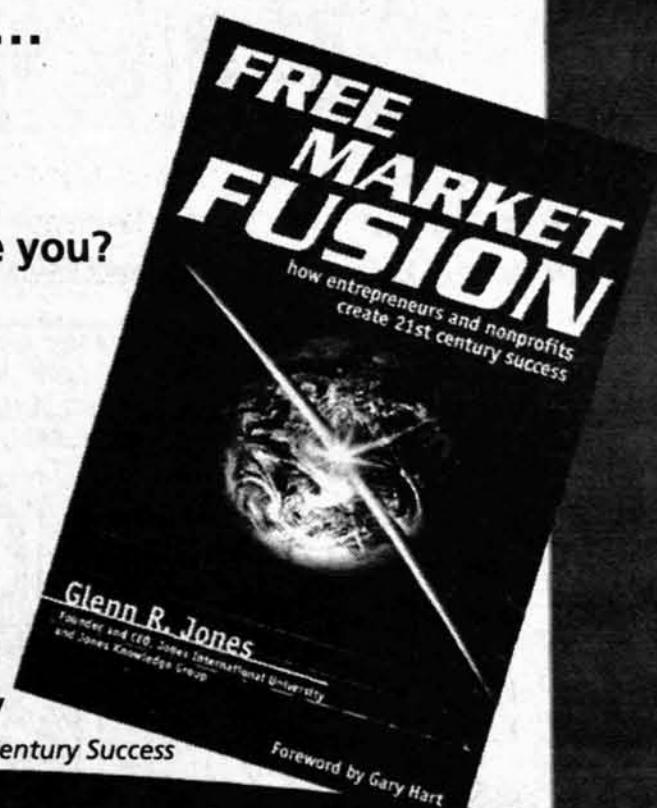
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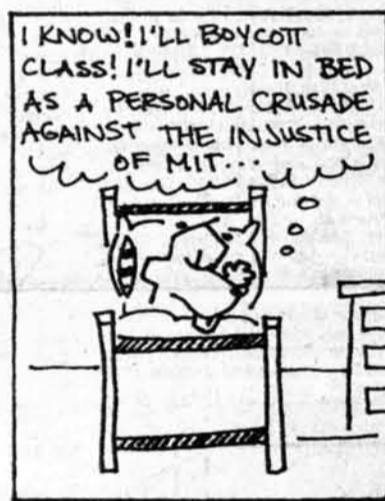


Down with Science (da Firenze)

by Jennifer DiMase



the crass rat



Xippo's Courseload

SOLAR C. OLUGEBEFOLA



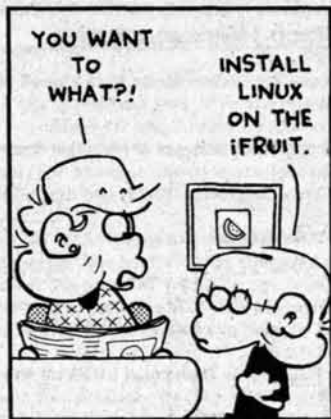
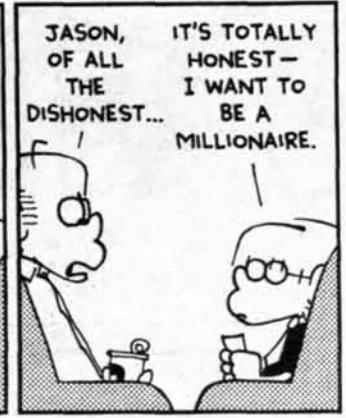
INSTITUTE MADNESS!

BY ALISON WONG



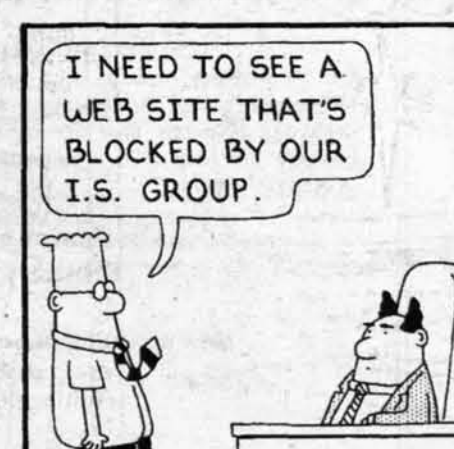
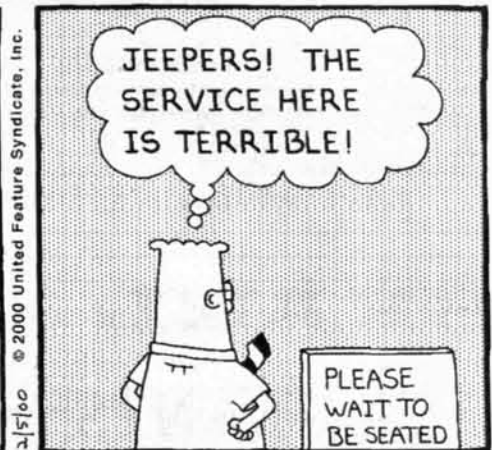
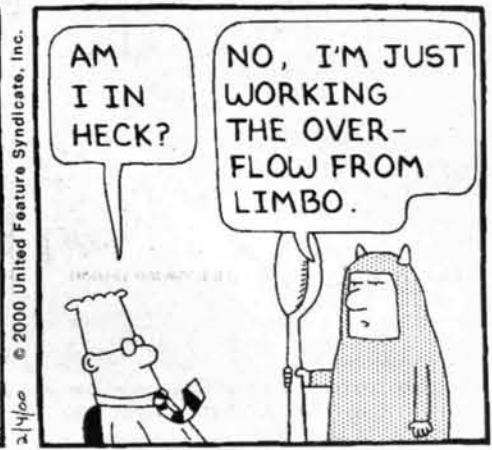
by Bill Amend

FoxTrot



by Scott Adams

Dilbert®



Fun With Clip Art



"Wow! Those mean kids at school are right...you really are a 'gimpy wimpy shrimp'."

Fun With Clip Art



"Ok, lets see if you're small enough to fit in the trunk..."

TechCalendar

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

Friday's Events

4:00 - 6:00 p.m. - **LBGTF Ice Cream Social.** Come have cookies and ice cream and chat with Lesbian, Gay, Bisexual, Transgendered, and Friendly (LBGTF) faculty, staff, and students. 14E-304. Sponsor: LGBT Issues Group.

7:00 - 8:30 p.m. - **"Ethnographic Museum of Irrelevant Races".** Dramashop production directed by Artist in Residence Guillermo Gomez-Pena who, with students, will create an original theater piece that explores the interface between performance, cultural identity and new technologies. Admission 0. Kresge Little Theater. Sponsor: Office of the Arts.

8:00 - 10:00 p.m. - **Jazz Homecoming.** Black History Month 2000 event featuring Fertile Ground, MIT's Festival Jazz Ensemble & Movements in Time. Free, but donations for a community service fund accepted. Admission 0. Kresge Auditorium. Sponsor: Office of the Arts.

8:00 p.m. - **"Chess."** The Cold War musical written by Benny Andersson - Tim Rice - Bjorn Ulvaeus. \$9; \$8 MIT faculty and staff, senior citizens, other students; \$6 MIT/Wellesley students. Admission 6.00. Sala de Puerto Rico. Sponsor: Office of the Arts.

8:00 - 10:30 p.m. - **A Jazz Homecoming,** presenting Fertile Ground for Black History Month 2000. The group blends jazz, R&B, and world styles in songs like "Black Sunshine" and "Ghetto Butterfly". A must see for all MIT community members. Kresge Auditorium. Sponsor: Groove Phi Groove Social Fellowship, Inc.

9:00 - 10:30 p.m. - **"Ethnographic Museum of Irrelevant Races".** Dramashop production directed by Artist in Residence Guillermo Gúmez-Peña who, with students, will create an original theater piece that explores the interface between performance, cultural identity and new technologies. Admission 0. Kresge Little Theater. Sponsor: Office of the Arts.

2:30 p.m. - **MacVicar Day, MacVicar Faculty Fellows, Provost's Office.** "Where's the Rat in Undergrad Education?" MacVicar lecture - Prof. Edie Goldenberg, U. Michigan. Margaret MacVicar film, teaching & UROP demos, reception. 6-120, 2:30. All welcome. Open. More info: Call Rosalind Wood at 253-3036. Email rosalind@mit.edu. Web: <http://web.mit.edu/provost/macvicar>. Rm 6-120.

Monday's Events

4:00 p.m. - **Bismuth Nanowires: Structure and Properties, Prof. Mildred Dresselhaus, Institute Professor, EECS and Physics.** Refreshments served at 3:30 p.m. Open. More info: Call Prof. Peter Elias at 253-4193. Email elias@theory.lcs.mit.edu. Rm 34-Edgerton Hall.

4:15 p.m. (1 hour) - **Magnetic Topology and Hydromagnetic Equilibrium, Dr. Boon Chye Low, National Center for Atmospheric Research.** Refreshments will be served at 3:45 PM in Room 2-349. Open. More info: Call Michael Brenner at 253-3661. Email brenner@math.mit.edu. Web: <http://www-math.mit.edu/amc/spring2000>. Rm 2-105.

Tuesday's Events

12:00 p.m. (2 hours) - **What Does Mathematics do to Physics?, Yves Gingras, Université de Québec au Montréal, Canada.** If you plan to attend, call 253-6989 or send an email: dibner@mit.edu. Open. More info: Call Trudy Kontoff at 253-6989. Email kontoff@mit.edu. Rm E56-100.

2:30 p.m. (1 hour) - **Optimization of Chemical Vapor Infiltration with Simultaneous Powder Formation, Dr. Adi Dikowski, Division of Applied Mathematics - Brown University.** Refreshments will be served at 3:30 PM in Room 2-349. Open. More info: Call Professor John Bush at 253-4387. Email bush@math.mit.edu. Rm 2-338.

4:00 p.m. (1 hour) - **Minimizing Micromachined Gyros, John Geen, Analog Devices.** Refreshments in Room 34-101 at 3:30 p.m. Open. More info: Call Debrah Hodges-Pabon at 253-5264. Email debb@mtl.mit.edu. Web: <http://www-mtl.mit.edu/>. Rm 34-101.

4:30 p.m. (1 hour) - **Inlet Distortion Characterization for Aeromechanics of Gas Turbine Blades, Dr. Steve Manwaring, General Electric - Ohio.** Refreshments served 4:15pm. Open. More info: Call Lori Martinez at 253-2481. Email dragon@mit.edu. Rm 31-161.

Saturday's Events

2:00 p.m. - **"Chess."** The Cold War musical written by Benny Andersson - Tim Rice - Bjorn Ulvaeus. \$9; \$8 MIT faculty and staff, senior citizens, other students; \$6 MIT/Wellesley students. Admission 6.00. Sala de Puerto

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.

Rico. Sponsor: Office of the Arts.

6:30 - 10:00 p.m. - **Sigma Phi Epsilon Spring Rush Kickoff Mixer with Alpha Phi.** Come see what Sig Ep is all about while Ice Skating with Alpha Phi. Free food and lots of fun. Meet at Sig Ep (518 Beacon St.) or call for a ride. Sig Ep (518 Beacon St). Sponsor: Sigma Phi Epsilon.

7:00 - 8:30 p.m. - **"Ethnographic Museum of Irrelevant Races".** Dramashop production directed by Artist in Residence Guillermo Gomez-Pena who, with students, will create an original theater piece that explores the interface between performance, cultural identity and new technologies. Admission 0. Kresge Little Theater. Sponsor: Office of the Arts.

8:00 - 11:00 p.m. - **MIT Social Dance.** In honour of the BU Terrier Dance Camp, we're having a social dance! Casual dress. Light refreshments will be served and music of both Ballroom and Latin styles will be played. Admission 5.00. Rockwell Cage in DuPont. Sponsor: MIT Ballroom Dance Team.

8:00 p.m. - **"Chess."** The Cold War musical written by Benny Andersson - Tim Rice - Bjorn Ulvaeus. \$9; \$8 MIT faculty and staff, senior citizens, other students; \$6 MIT/Wellesley students. Admission 6.00. Sala de Puerto Rico. Sponsor: Office of the Arts.

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Sunday's Events

12:00 - 5:00 p.m. - **Sigma Phi Epsilon Rush Indoor Rock Climbing.** Come Indoor Rock Climbing with some Sig Eps. Try something new and meet some new friends, all are welcome. Or come by the house to hang out and meet some of the brothers of Sig Ep. Call for a ride. Sig Ep (518 Beacon St.). Sponsor: Sigma Phi Epsilon.

1:00 - 2:30 p.m. - **"Ethnographic Museum of Irrelevant Races"** Dramashop production directed by Artist in Residence Guillermo Gomez-Pena who, with students, will create an original theater piece that explores the interface between performance, cultural identity and new technologies. Admission 0. Kresge Little Theater. Sponsor: Office of the Arts.

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3:00 p.m. - 4:30 a.m. - **"Ethnographic Museum of Irrelevant Races".** Dramashop production directed by Artist in Residence Guillermo Gomez-Pena who, with students, will create an original theater piece that explores the interface between performance, cultural identity and new technologies. Admission 0. Kresge Little Theater. Sponsor: Office of the Arts.

6:00 - 10:00 p.m. - **Sigma Phi Epsilon Rush Dinner and Bowling on us.** Come on over to Sig Ep to meet some brothers. We will be having dinner on the town followed by bowling at Alewife. A great chance to have some fun, food, and make some new friends. Call for a ride. Sig Ep (518 Beacon St.). Sponsor: Sigma Phi Epsilon.

Monday's Events

7:00 - 8:30 p.m. - **"Ethnographic Museum of Irrelevant Races".** Dramashop production directed by Artist in Residence Guillermo Gúmez-Peña who, with students, will create an original theater piece that explores the interface between performance, cultural identity and new technologies. Admission 0. Kresge Little Theater. Sponsor: Office of the Arts.

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Tuesday's Events

11:00 a.m. - 1:00 p.m. - **Focus on the Arts.** Women's League talk by Jane Farver, director of the List Visual Arts Center. Bring a bag lunch; dessert and beverages provided. Reservations required. Admission 0. President's House. Sponsor: Office of the Arts.

MIT Hillel - Dorot Foundation

ISRAEL TRAVEL GRANTS



Summer 2000

- Five \$1,000. travel grants available.
- Applicants must be current MIT students who will return to MIT next year.
All are encouraged to apply, regardless of religious background.
- Must be used for organized, accredited academic, research, archaeological or language program (minimum 8 weeks)
- Application forms and program information available at MIT Hillel, lower level of Building W11.
- Deadline February 18; Notification February 25, 2000
- For information 253-2982



CAREER OPPORTUNITIES

In Global Investment Management

BRIDGEWATER ASSOCIATES, a global institutional money management and economic research firm with \$25 billion under management invested in global credit and currency markets is looking for:

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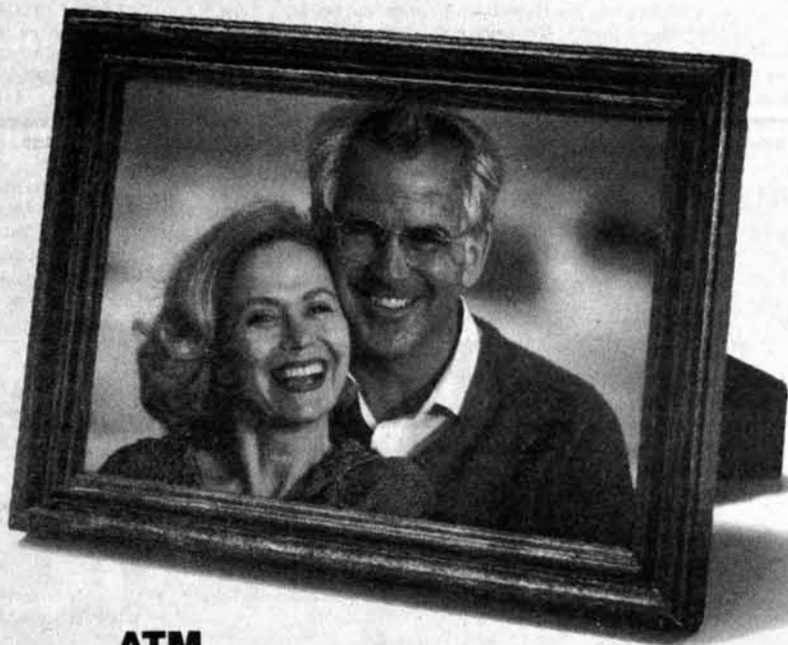
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Applications Jump 16 Percent to New All-Time High

By Karen Robinson
ASSOCIATE NEWS EDITOR

Undergraduate applications are in, and more students than ever before have applied for admission to MIT. The pool of applicants this year consists of 10,641 high school students, which is 16 percent bigger than last year's pool of 9151 students.

The number of applicants has risen steadily for the past few years, said Elizabeth S. Johnson, Associate Director for Information Services and Research in the Admissions Office. Johnson noted that this partially reflects a national trend, as the number of high school students in the United States is also

increasing.

The good economy in recent years has encouraged people to consider private colleges, Johnson said. Additionally, as computer engineering and other technological fields have gained wider recognition, more students have become interested in MIT.

The increase in applications has not been limited to domestic students; however. This year, the admissions office received over 2,000 applications from non-U.S. residents, which is up from 1625 applications last year. Therefore, international applicants comprise a somewhat larger proportion of the application pool this year (19 per-

cent versus 17 percent in 1999 and 16 percent in 1998).

This does not, however, mean that more international students will be accepted, as MIT tries to keep the international enrollment close to eight percent. This will require accepting a significantly smaller proportion of international students, as the matriculation rate

for international students is somewhat higher than for domestic students, Johnson said.

Minority rates constant

The proportion of applications from women and minorities has not changed significantly from previous years, according to the Admissions Office staff. This year, 30 percent of

applicants were female, compared with 27 percent last year and 31 percent two years ago.

This year has seen the highest number of minority applicants ever, said Yvonne M. Romero of the Admissions Office. However, the percentage of minority students in the applicant pool is roughly the same this year, she said.

BankBoston Merger Has Little Impact

Merger, from Page 1

470 [ATM] machines to the network in Massachusetts."

The merger began in June 1999 and was finalized on January 11, 2000. Citizens acquired U.S. Trust Corporation for \$1.4 billion, or \$32 per share.

"From day one, there has been enormous trust and confidence between our colleagues at Citizens Bank and U.S. Trust. I have no doubt that the bank we built and the customers we have been dedicated to serving at U.S. Trust are in the best possible hands. I look forward to playing a role in the continued growth of Citizens," said President of U.S. Trust Corporation Neal F. Finnegan in a press release following the merger.

Citizens Financial Group, Inc., owned by the Royal Bank of Scotland plc, was a \$19.8 billion bank holding company with 279 branches before acquiring U.S. Trust Corporation, a \$6 billion commercial bank holding company with 85 banking offices in eastern Massachusetts.

BankBoston, Fleet Also Merge

BankBoston, itself the product of

a previous merger between Bay-Bank and Bank of Boston, merged with Fleet Bank to form Fleet-Boston Financial in October 1999. FleetBoston Financial has 20 million customers worldwide and \$185 billion in assets, according to its web site, which makes it the eighth largest bank in the nation.

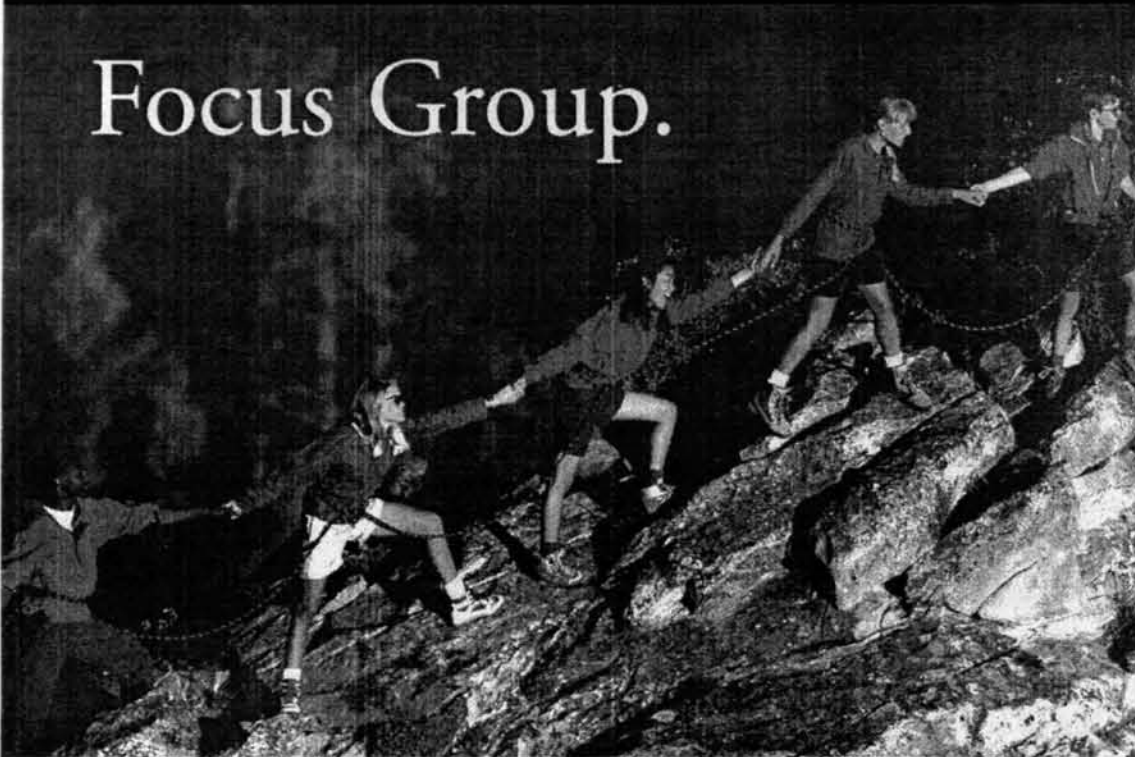
The only tangible result of the merger for customers has been the ability to use Fleet and BankBoston ATMs interchangeably. FleetBoston says that it will announce a "full suite of products and services" and a complementary "pricing program" in the next few months.

Currently, BankBoston charges \$7 per month for a Student Value Checking Account, which includes a Companion Savings Account and ATM card. That charge drops to \$4 if all banking is done by telephone, ATM, or computer.

Fleet charges \$7 a month for a Self-Service checking account. That fee drops to \$5 for Direct-Deposit; a fee of \$2 applies to transactions at Fleet branches which require the help of a staff member.

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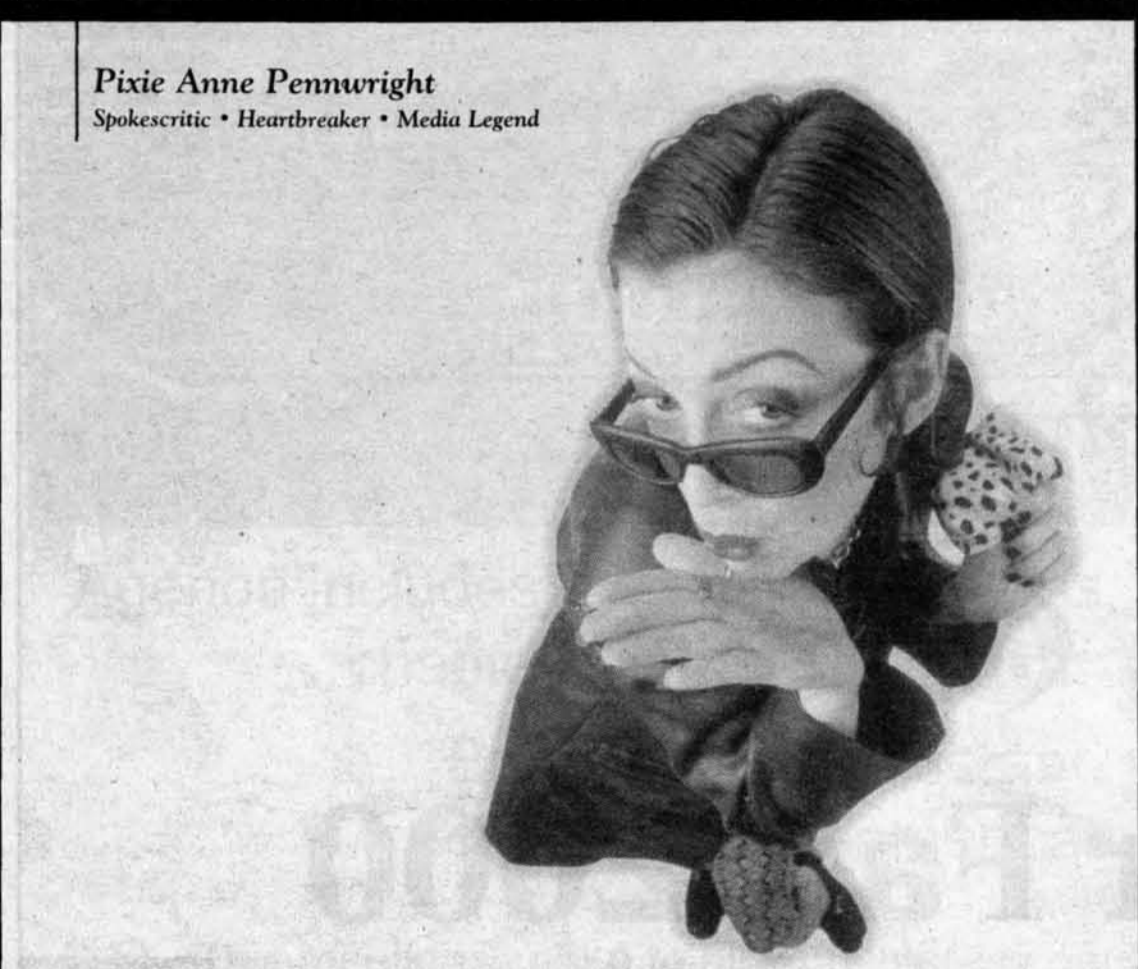
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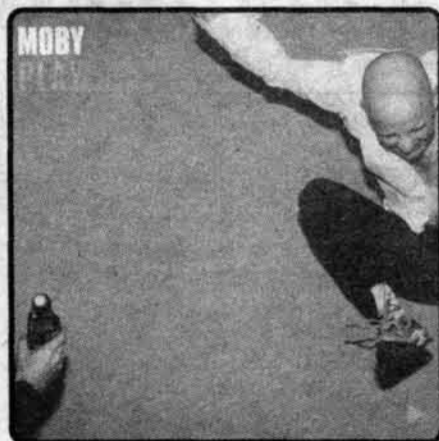
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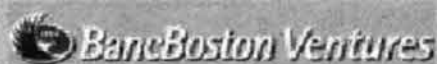
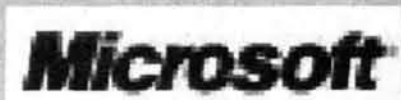
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Tuesday, Feb. 8
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Untenured Yanch Awarded MacVicar

MacVicar, from Page 1

gram," said Williams, and has been instrumental in the recent redesign and growth of the undergraduate nuclear engineering program. "She has tried to emphasize the medical uses of radiation and nuclear engineering," Williams said.

"When I was an undergraduate, there was one professor that affected my career choice and therefore my whole life. I have tried to pattern myself after him," said Professor Yanch.

Yanch designed and teaches a class on radiation's effects and uses, which she hopes to promote to MIT's general student population. "I would like for more students at MIT to know what radiation is," said Yanch.

She hopes to use some of the discretionary funding which comes along with the fellowship to "bring undergraduates more into the department on a social level."

John Belcher's "work in trying to develop a whole new physics core is so exciting," said Williams. During his time at MIT, Belcher has attempted to integrate technology into the classroom as an integral part of the teaching process.

"It's thrilling to have him on the MIT faculty," said Williams of Professor Stephen Pinker. "He's done so much work to integrate communications and to build up the cognitive science major."

Pinker currently focuses a large part of his research on the process of language development in twins and also teaches Introduction to Psychology (9.00).

Pinker has published several bestselling books which contain a large amount of scientific information while remaining readable to the average person. His most recent title is the bestseller "Words and Minds."

Newly named fellow Cravalho said, "To me, this is the greatest honor that I've ever had." During his long career at MIT, he has pioneered the Minority Introduction to Engineering and Science program in 1975 and has worked to improve the quality of undergraduate education and life at MIT.

Cravalho noted that while the freshman seminar program had a strong start, it began to sag during the 1970s. "We built it back up to the point where we had 100 such seminars," he said.

In the mid 1970s, Professor Cravalho served as the associate dean of engineering for a few years.

In addition, he served as the faculty resident at MacGregor house for a number of years.

More recently, Cravalho has played a key role in the overhaul of the undergraduate mechanical engineering curriculum. He designed and teaches Thermal-Fluids Engineering I and II (2.005, 2.006) mechanical engineering sequence, which has attracted attention worldwide.

"Few of us will have the momentous breakthrough that some of our colleagues have. Our biggest contribution is in the young people we educate. These people are multiplying the impact that I could have had as a single individual," said Cravalho.

Professor Rohan Abeyaratne was also named a MacVicar fellow as a result of his contributions to the mechanical engineering department.

In 1997, Abeyaratne assumed the position of associate department head of the Mechanical Engineering Department.

In 1988, he received the Graduate Student Council Teaching Award.

"These are individuals who are outstanding teachers," said Williams. "However, they also have their departments behind them, and that is a tribute to the Institute as well."

Selection process

While evaluation of classroom teaching is an important part of the selection process, Williams noted that it was "not the only element considered."

All parts of the review process "include substantial student input and comments," Williams said. This year, the selection committee had significant student representation, consisting of three students and three faculty members.

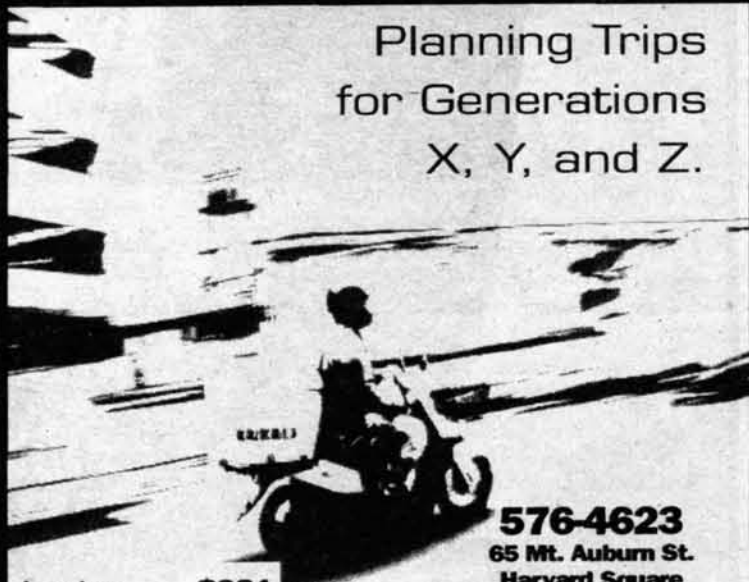
The selection committee, chaired by Dean Williams, goes through "quite a long process of discussion" of the various nominations, and eventually makes some final recommendations. These recommendations are sent to Provost Robert A. Brown, who makes a final decision.

A large amount of the committee's work lies in soliciting nominations and letters of recommendation, which are necessary for a faculty member to be considered for a MacVicar fellowship.

Williams attributed the large number of fellows selected this year to the fact that the committee "did a little more work than usual in encouraging submissions." She also noted that each nomination stays in the system for three years, and is updated and reevaluated each year.

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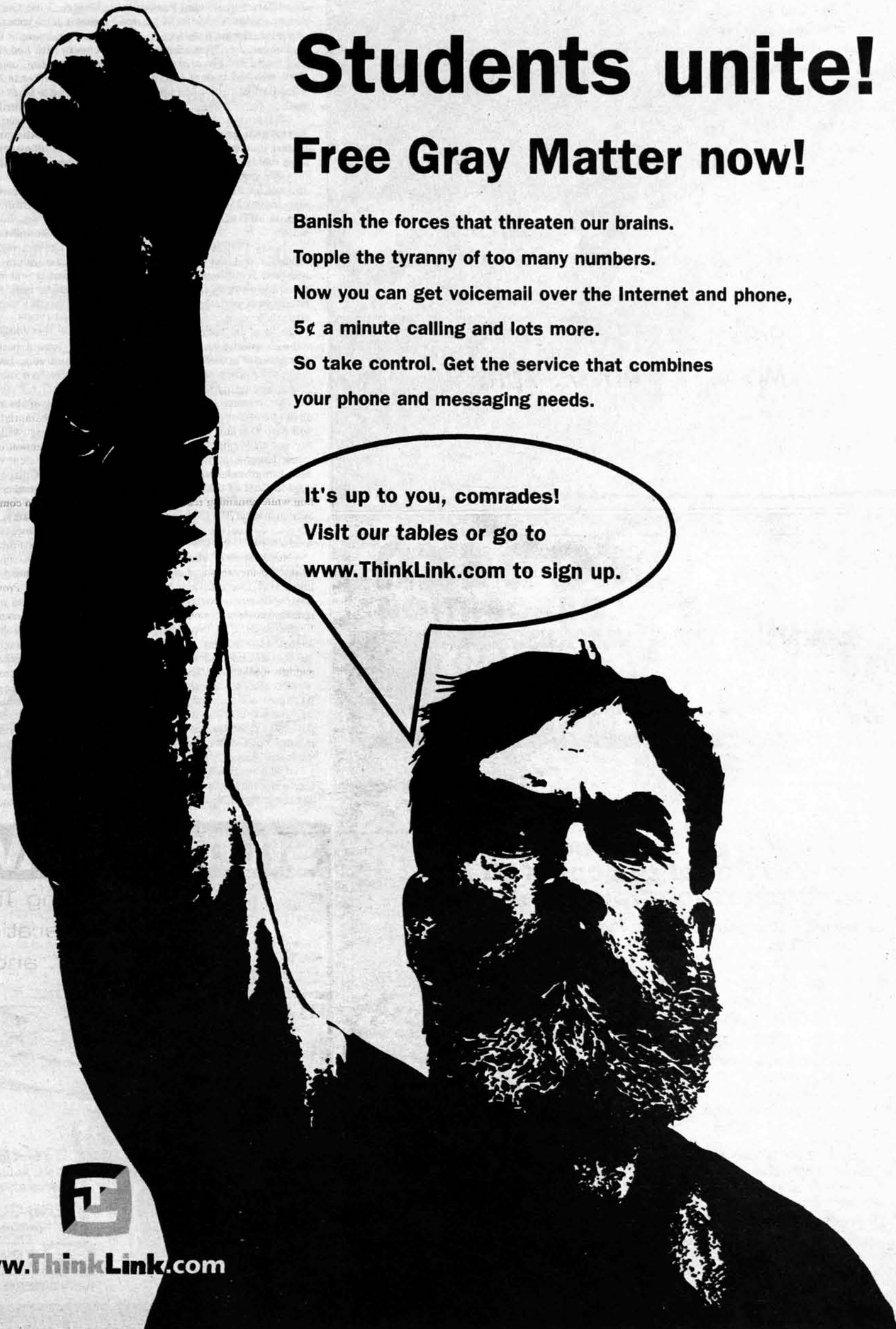
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MIT May Offer Units To General Public

Worthington, from Page 1

Streets in Cambridge have been pushed back until 2003.

MIT also has plans to renovate a defunct factory on Albany Street to house graduate students, but that project is not due for completion until August 2001.

MIT bound to seven-year lease

In 1998, MIT agreed with the owner of Worthington Place, on 265 Third Street in Kendall Square, to rent 66 apartment units for 90 percent of market price for six years.

For the '98-'99 academic year, MIT rented 36 units to graduate students who had been displaced from Tang Hall to make room for undergrads.

MIT promised to subsidize the Worthington apartments for one year so that the displaced graduate students could rent the for the Tang rate.

Other graduate students could rent 30 units for \$1,500 per month. MIT also rented 25 additional units to lease to MIT affiliates at \$1,700 per month.

In fall 1999 when the one-year subsidy ended, the price for a two-bedroom Worthington unit jumped from \$1450 to \$2110 per month, forcing most graduate students to find alternate housing.

Some of the students who moved out of Worthington have re-entered the graduate housing lottery, Ortiz said, while others entered the Cambridge housing market.

The Treasurer's Office declined to give specific numbers concerning exactly how many Worthington units are currently empty, how many are being rented to non-MIT affiliates, and how much money MIT was spending renting out the empty units, saying the information was not pertinent to this story.

GSC maps out plan of action

The question of what to do about Worthington was raised at Wednesday's GSC meeting. Ortiz suggested that Worthington rooms be part of the graduate housing lottery.

Since MIT is "spending that money already, they might as well get the most out of the money as they can and make affordable housing reasonably close to campus available to graduate students," Ortiz said.

"Basically MIT is spending about \$90,000 a month to rent empty apartments," said Graduate Student Council President Luis A. Ortiz G.

"I'm not sure why it's happening. There is some hesitance to the rent at the rate that would be available for a

grad student salary," Ortiz said. "We've been trying to convince them to make [the apartments] available at an affordable rate."

Agreement up for re-negotiation

"At a time when we desperately needed" to find some housing options for graduate students, "this was an excellent opportunity," said Dean of Graduate Students Isaac M. Colbert.

"It was in MIT's interest to moderate the increases in rent" at Worthington, Colbert said; "however, the process by which that moderation would occur wasn't firmly agreed to" between MIT and the Worthington management.

"Now we've been in a situation where the rents are viewed as too high by the population that we thought this would have provided some extra housing for, and we are in a position where we have a certain commitment" to the landlord, Bufferd said. "That's an obviously untenable situation."

Another problem for graduate student tenants "was the price of the rent and the other was the length of the lease," Colbert said. The twelve-month lease with no option to sublet is a potential problem for students who graduate early. "Students didn't look at what they were signing."

Future of Worthington agreement

"We wanted the ability to have a number of units for an number of years," Bufferd said. "We weren't trying to solve a one year problem. We were trying to solve a multiple year problem."

"MIT's point of view is to maximize availability" of housing, Bufferd said.

To that end the MIT Treasurer's Office is exploring alternatives to the current relationship with Worthington, "one of which is to terminate the arrangement," Bufferd said.

Other options include continuing to subsidize the empty Worthington apartments to MIT graduate students at a price comparable to Tang or Ash-down, at least until negotiations with Worthington are complete. "At least we won't have the appearance of our money being wasted," Colbert said.

The Treasurer's Office could also rent the units to other MIT affiliates who can afford the current rent. It could also rent to non-MIT affiliates.

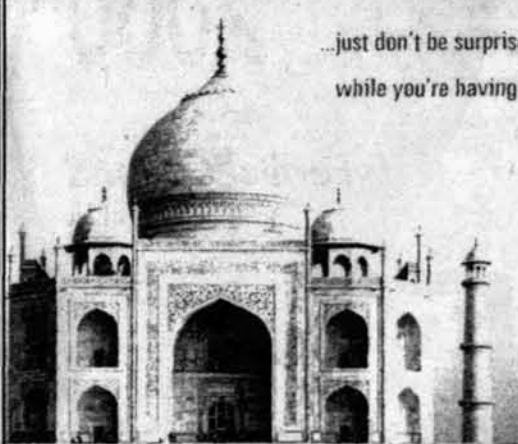
"It's a possibility" that MIT will rent the empty Worthington units to the public, as not necessarily at the 90 percent rate, Bufferd said. Therefore, it's possible for MIT to raise money by renting its Worthington apartments to the public.

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Ten Awarded \$1K In Earlier Contest

\$50K, from Page 1

there," he said.

Although Silicon Graphics, Inc. was interested in buying Liemandt's software, they initially had reservations about hiring young talent. SGI eventually agreed, and Trilogy went on to become one of the largest privately owned software companies in the world.

\$50K winners to be picked in May

Participants have until February 22 to submit an executive summary outlining their proposed business plan.

From these summaries, the

judges will choose semi-finalists, who will have until April 19 to submit their final business proposals.

In early May, the winning team will receive \$30,000 in seed money, while two runners-up will each win \$10,000.

The \$50K Competition comes on the heels of the \$1K Competition, which is seen as a warm up for the main event.

The ten winners, who each took home \$1,000 ranged from companies who specialized in areas ranging from miniature microphones to medical adhesives to Chinese fast food.

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Lyrics by

Tim Rice

Music by

Benny Andersson Björn Ulvaeus

Book by

Richard Nelson

Based on an idea by

Tim Rice

La Sala de Puerto Rico

Friday Feb 4 8pm
Saturday Feb 5 2pm & 8pm
Sunday Feb 6 2pm

MIT and Wellesley Students \$6

MIT Community, Other Students, Senior Citizens, Children \$8

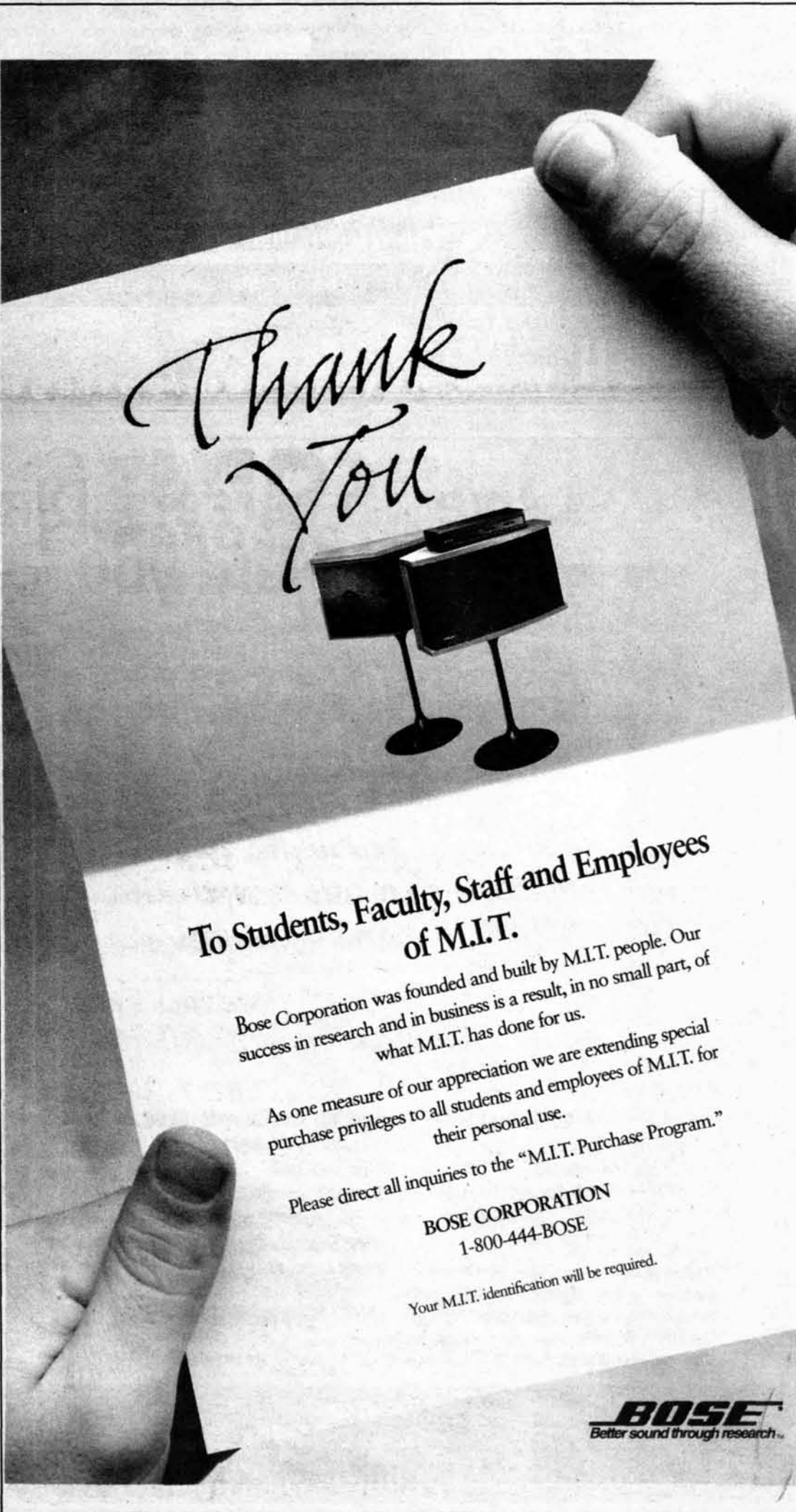

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Information Session

Wednesday, February 9th, 6-8 pm

Cambridge Marriott

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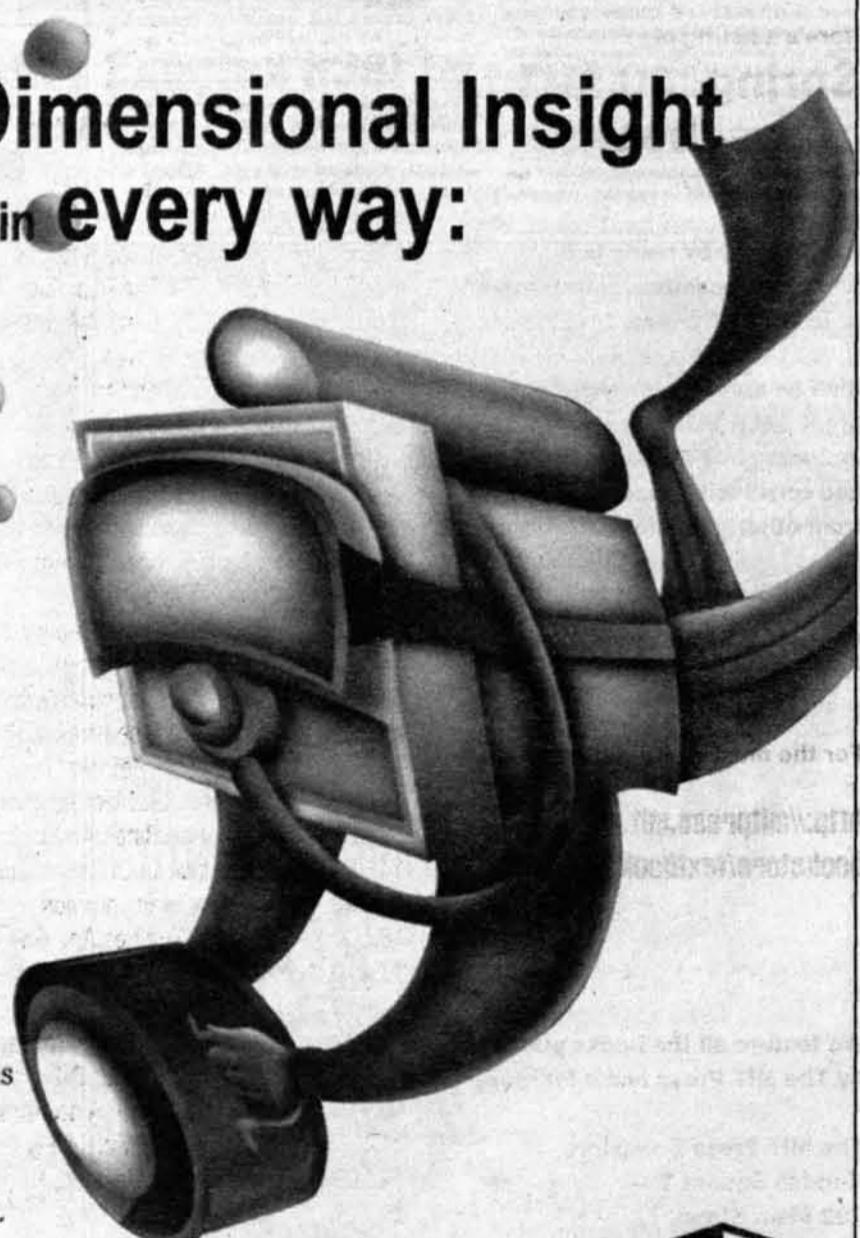
10:00AM - 3:30PM

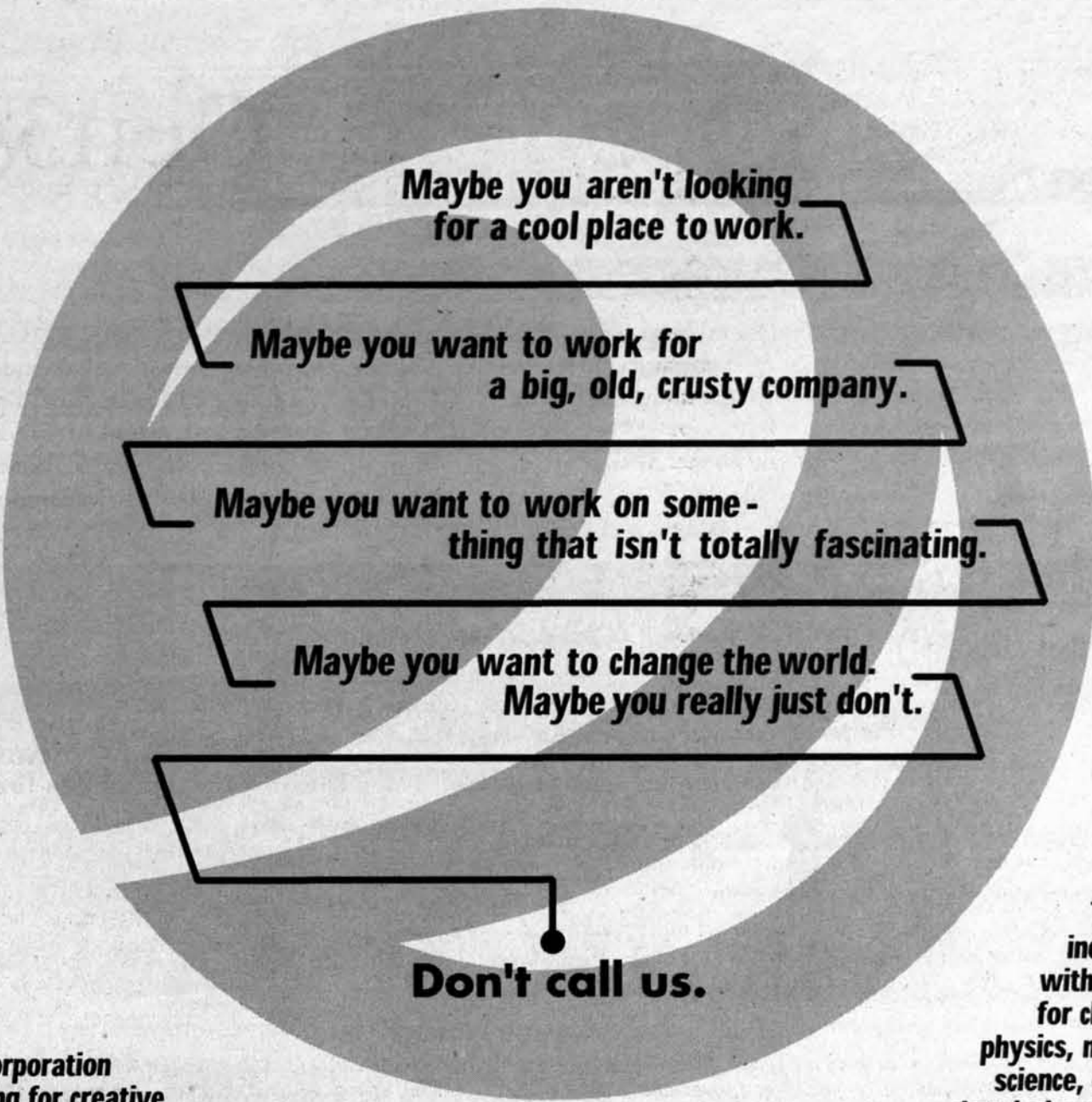
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