

MIT's
Oldest and Largest
Newspaper



The Weather

Today: Cloudy, damp, 48°F (9°C)
Tonight: Cool, 43°F (6°C)
Tomorrow: Mostly cloudy, 50°F (10°C)
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Volume 119, Number 20

Cambridge, Massachusetts 02139

Friday, April 15, 1999

Zhu Speaks to Kresge Audience On Sino-American Relationship

By Kevin R. Lang
ASSOCIATE NEWS EDITOR

On the final day of his six-city U.S. tour, Premier Zhu Rongji of the People's Republic of China discussed trade relations and educational cooperation between the United States and China before a full-capacity Kresge Auditorium audience, Wednesday.

Much of Zhu's address focused on Sino-American trade relations, notably the substantial U.S. trade deficit. Zhu downplayed the issue,

noting that the total U.S. deficit with all nations was less than \$200 billion last year. While this figure may seem large, Zhu said, it amounts to less than two percent of the U.S. Gross National Product. "This is very common in many countries," Zhu said, speaking with simultaneous English translation. "This is not such a serious problem."

Trade deficit values inconsistent

Zhu also noted that U.S. and Chinese figures regarding the deficit

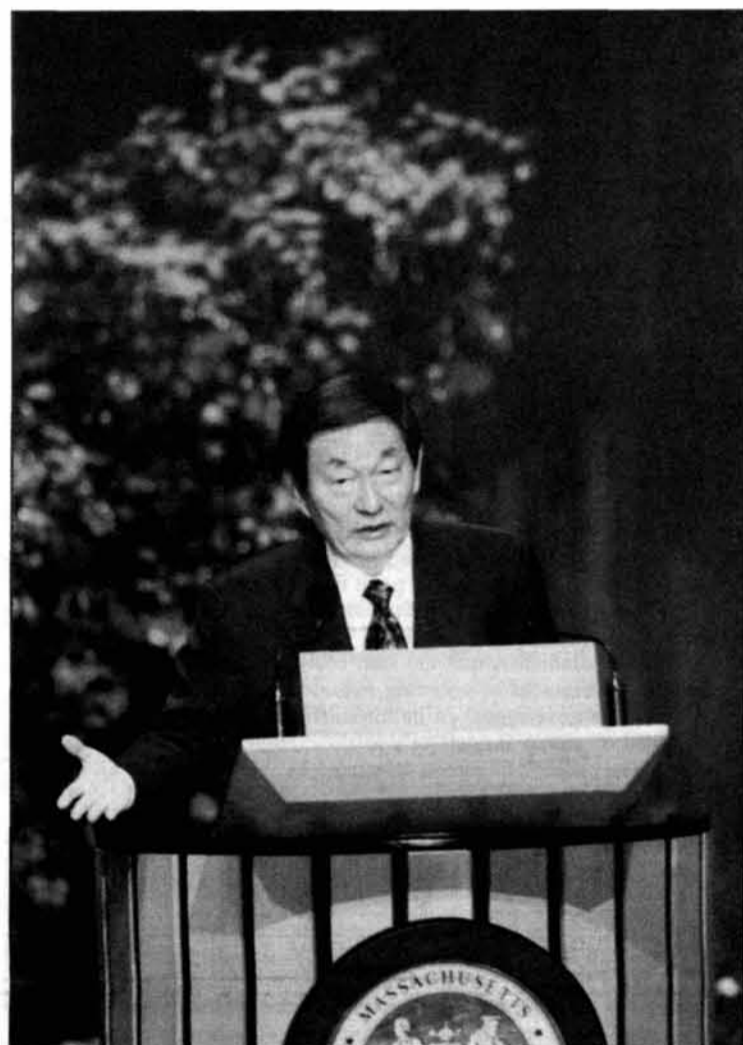
are more than \$30 billion apart.

"I'm not trying to comment on which number is the more accurate," Zhu said. Zhu discussed a Stanford University study which found that both nations use inconsistent methods regarding shipping and insurance on imports and exports, and that neither accounts for value added in Hong Kong to Chinese products. The actual U.S. trade deficit is most likely around \$36 billion, Zhu said.

Zhu attributed the deficit less to prohibitive trade regulations than to changes in the U.S. manufacturing scene over the past few decades. Chinese exports to the United States are primarily labor-intensive consumer goods which are no longer produced elsewhere, Zhu said. "This type of import has absolutely no competition in the U.S. market," Zhu said. "These consumer goods — you wouldn't be able to find anyone to manufacture them in the United States."

As labor costs increased in other nations, Zhu said, manufacturing shifted to China. Thus, while the U.S. trade deficit with China increased, it decreased proportion-

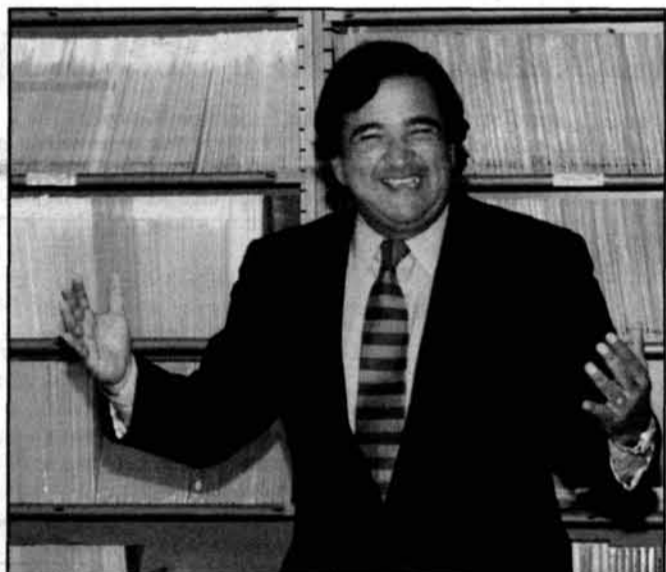
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GARRY R. MASKALY—THE TECH

Chinese Premier Zhu Rongji addressed a packed Kresge Auditorium on Wednesday, wrapping up his nine-day visit to the United States.

Secretary of Energy Tours Bates Lab



SHAO-FEI MOY—THE TECH

U.S. Energy Secretary Bill Richardson expresses his support for Bates Laboratory in a visit to the facility Tuesday.

By Shao-Fei Moy
SPORTS EDITOR

United States Secretary of Energy Bill Richardson offered his support to the researchers and employees of the MIT Bates Linear Accelerator Center in Middleton, Mass. during his visit Tuesday. This marks the first ever appearance by an energy secretary to Bates Lab.

Richardson's visit began with a meeting with ten researchers from across the country representing Bates. During the meeting, the researchers expressed their appreciation for the Energy Secretary's work in amending the budget which originally had Bates heading for a "cold shutdown" at the end of the year. Each of the ten representatives stressed the importance of Bates in the research they have done and will continue to do at the facilities.

Bates Lab, which is operated by the MIT Laboratory for Nuclear Science for the Department of Energy, is a national user facility and has been a center for world-class experiments in nuclear physics for 25 years. Over 200 physicists from 52 institutions are actively utilizing the Bates' facilities; about 120 Ph.D. students have been educated and trained at the lab.

In President Bill Clinton's fiscal year 2000 budget released on February 1, 1999, Bates' allocation would have been reduced from

Richardson, Page 29

LCS Announces New Building, Project

By Jennifer Chung
and May K. Tse
STAFF REPORTERS

The MIT Laboratory for Computer Science celebrated its 35th anniversary this week in a three-day celebration that culminated Tuesday with the announcements of a \$20 million donation and a major new project.

Microsoft CEO Bill Gates presented the donation on behalf of himself and his wife Melinda for the William H. Gates III Foundation. The donation will be used to create a new "home of LCS", to be named the William H. Gates building and to be part of the Stata Center for Computer, Information and Intelligence Sciences.

With the research project, dubbed Oxygen, LCS plans to create and use the support of existing research to better tackle such issues as speech recognition and better worldwide communication, enabling technology to truly become more user-friendly.

Other events during the festivities included the sealing of the LCS Time Capsule of Innovations and keynote speeches by Gates and Principal Research Scientist Tim Berners-Lee, inventor of the World Wide Web.

The time capsule, designed by Frank O. Gehry, architect for the Stata Center, will be opened in time for the 70th anniversary of LCS in 2033 — unless the cryptographic puzzle associated with it and designed by Associate LCS Director Ronald L. Rivest is solved in less than the 35 years the solution is designed to take. The capsule contains reference to such innovations as Project Athena, RSA Public-Key Cryptography, X-Windows, and Zork, the earliest interactive PC game.

New Gates building

The Gates Building will be situated where Building 20 used to stand, "in the middle of campus, where LCS belongs," said President Charles M. Vest.

"MIT is entering the greatest change since the post-World War II era," Vest said. "LCS is at the heart of all of this."

As with the rest of the Stata complex, architect

Gehry is designing the Gates Building. The internal layout of the building has not yet been determined.

LCS, Page 17



ANNIE S. CHOI—THE TECH

In presentations by LCS graduate students, Michael Bosse G introduces Argus, a city scanning device which captures images from its surroundings to create 3-D models.



Protesters and supporters alike greet Chinese Premier.

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Comics

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MIT administrators meet with students to discuss graduate housing issues.

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WORLD & NATION

Study Finds Controversial Cancer Treatment Yields No Clear Benefit

THE WASHINGTON POST

A controversial treatment for breast cancer advocated by many patients and questioned by many insurance companies opposed to paying for it appears to be no better than conventional therapy for the disease, according to the results of the first large studies testing it.

The treatment involves giving near-lethal doses of chemotherapy drugs and then "rescuing" patients with transplants of bone marrow to restore their immune systems. Although rare compared to other breast cancer treatments, this one has become a major rallying point for advocacy groups and critics of the newfound power of health insurance companies to determine what constitutes appropriate care.

In five studies whose preliminary results were unveiled Thursday, women getting the treatment showed no clear benefit when compared to women receiving more standard doses of cancer-killing drugs.

While few people expected the studies would settle the issue, the results were intensely anticipated by cancer patients, physicians, advocacy groups and insurance executives. Results will be presented at a meeting of the American Society of Clinical Oncology next month.

Many Algerian Voters Stay Home

THE WASHINGTON POST

ALGIERS, ALGERIA

Algerian voters stayed home in droves Thursday as lone presidential candidate Abdelaziz Bouteflika coasted toward what one Algerian newspaper headline called "victory by default."

Algeria's first presidential election in four years lay in tatters following Wednesday's last-minute decision by all six of Bouteflika's opponents to end their candidacies.

Just days ago, the election had been seen both here and abroad as a promising democratic opening in the authoritarian North African state — and a possible turning point in the bloody civil war between Islamic militants and government security forces that has killed an estimated 75,000 people since 1992.

The six candidates quit the race charging fraud by the military-backed government of outgoing President Liamine Zeroul. They accused the government of ballot-stuffing and other irregularities designed to plump Bouteflika's totals enough to preclude a runoff election he couldn't be sure of winning.

FCC Requires Phone Companies to Clarify Monthly Billing Statements

LOS ANGELES TIMES

WASHINGTON

Moving to unravel phone bills that have confused and — some critics say — misled consumers for decades, federal regulators on Thursday issued rules requiring telephone companies to clarify their monthly charges. The adoption of so-called "Truth-in-Billing" rules by the Federal Communications Commission is aimed at helping consumers spot fraudulent charges.

With long-distance carriers battling for customers, and with the rise of calling cards and other services submitted directly to carriers for collection rather than customers, there has been an explosion of complaints about charges for phone services that were never ordered. The FCC said it received about 30,000 such consumer complaints last year. Another 60,000 telephone subscribers contacted the FCC last year with questions about their phone bills.

The consumer uproar over having long-distance service switched or being charged for an unrequested service has focused new attention on how poorly organized phone bills have remained for consumers, while competition has forced phone companies to give businesses their bills in formats — ranging from elaborate printouts to CD-ROMs or computer floppy disks.

Lawmakers Express Worries Over U.S. Balkan Campaign

By Bradley Graham and Guy Gugliotta

THE WASHINGTON POST

WASHINGTON

In grave exchanges notable for their lack of partisan polemics, Congress and the Clinton administration Thursday began testing each other's resolve in escalating what both sides agreed could be a prolonged, expensive and potentially deadly intervention in the Balkans.

For hours in Senate and House hearings, Secretary of State Madeleine Albright, Defense Secretary William Cohen and Gen. Henry H. Shelton, chairman of the Joint Chiefs of Staff, listened to worried lawmakers voice their anxieties about the current air war over Yugoslavia and their misgivings about what the future may hold.

It was clear that neither party has reached a consensus about whether to send U.S. ground troops to drive Serb forces from the ethnic Albanian enclave of Kosovo. It was equally clear, however, that many lawmakers are growing hawkish about the need to win NATO's war in the Balkans.

Winning will be expensive, however, and top congressional appropriators huddled with administration

officials to work out details of an emergency spending proposal that some said will be close to \$6 billion through Sept. 30.

Senate Republican leaders hope Congress will pass the emergency proposal by the end of next week, and House Speaker Dennis Hastert (R-Ill.) promised a full-scale debate on the future in Kosovo. Thursday's hearings marked the administration's first public appearances in Congress to detailing the course of the war since the bombing campaign began March 24.

"We are involved in a limited and political war of incremental gradualism," complained Sen. Pat Roberts (R-Kan.) at an Armed Services Committee session, echoing the frustrations of many members about the course of the battle so far. "It's what I call the immaculate coercion. It's called casualty avoidance."

Cohen acknowledged that the United States would have done "things differently" in managing the fight if not for the need to maintain unanimous support within the 19-member NATO alliance. But he recalled there was no political support in the United States for acting unilaterally.

Sen. John McCain (R-Ariz.) said

NATO attacks should have hit harder from the first day and expressed disbelief that the administration had not started planning for a ground war in Kosovo. "Limited actions beget limited results," said the senator, who is seeking the Republican presidential nomination. He and others pressed for a commitment for at least the start of detailed planning for ground forces.

But Cohen and Shelton opposed the idea. They voiced concern that any move to consider a ground option could stir divisive debate in the United States and Europe, undercutting political support even for the air campaign. Shelton said NATO military commanders had been specifically ordered by the alliance's political body, the North Atlantic Council, not to draw up plans for ground forces, although he added that alliance planners were updating an "assessment" done last summer on the rough number of troops it would take to seize Kosovo or all of Yugoslavia by force.

The Pentagon leaders urged lawmakers to be patient with the air campaign, which they said would intensify. Shelton told the senators that "in the next few days," attacks would be carried out.

German Chancellor Schroeder Works for Russian Cooperation

By Carol J. Williams and Maura Reynolds

LOS ANGELES TIMES

BERLIN

Chancellor Gerhard Schroeder appeared Thursday to have won Russia's cooperation in the search for peace in the Balkans, with Moscow's newly appointed envoy in the Yugoslav crisis signaling interest in a German peace proposal.

Schroeder's plan seeks to mend fences — gingerly — with Russia without weakening NATO terms for an end to airstrikes, which Russia has vehemently opposed. Schroeder said his government is already in close contact with Russian leaders and hopes for a visit "very soon" by Moscow's special ambassador for Yugoslavia, Viktor S. Chernomyrdin.

The appointment of Chernomyrdin, who enjoyed cordial ties with Western leaders during his five years as prime minister, signaled a change in strategy by Russia, and Chernomyrdin confirmed the new tone Thursday by swiftly embracing Schroeder's proposal.

"The initiative put forward by Germany is worth supporting," Chernomyrdin said after meeting with the German ambassador to Russia. "The idea of stopping hostilities for 24 hours and taking this time to find points of agreement... I think all of this deserves attention."

Schroeder has made clear that the proposed suspension of airstrikes could start only after Yugoslav President Slobodan Milosevic had begun withdrawing

his forces from Kosovo.

"Only in this order would it be possible for NATO to suspend military measures and open the way for a political solution," Schroeder reiterated Thursday in a speech to parliament in Bonn.

German Foreign Minister Joschka Fischer, chief architect of the plan that sources in his office say was drawn up in consultation with NATO allies, also clarified that Milosevic would have to pull out its troops from Kosovo "in a verifiable manner" for NATO to consider a halt to the bombing, which began March 24.

The six-point German proposal met with little enthusiasm in Washington and at NATO headquarters in Brussels, Belgium, when it was unveiled Wednesday.

WEATHER

Improving Weekend

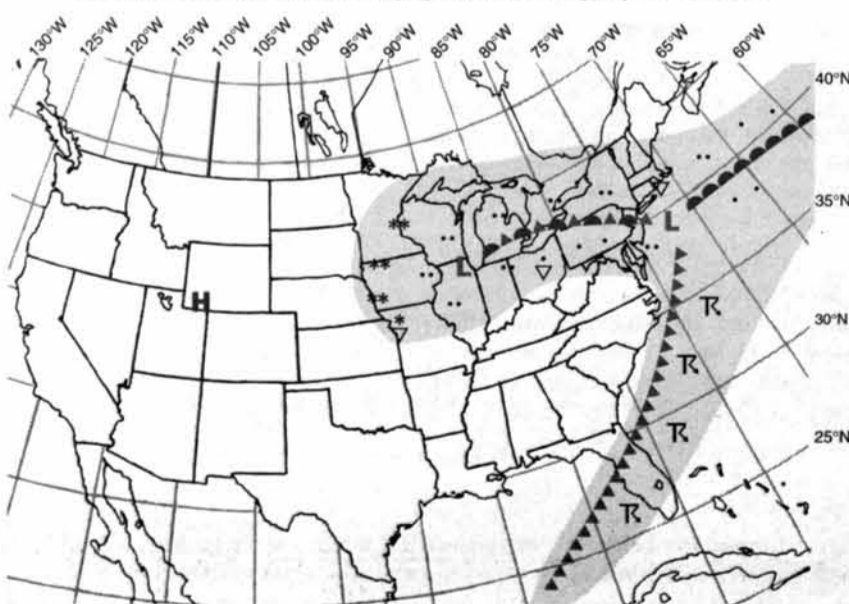
By Bill Ramstrom
STAFF METEOROLOGIST

A large upper-level trough will dominate the weather over the eastern United States for most of the upcoming weekend. This will keep cool, Canadian air in place in our area, with off-and-on clouds and a chance for rain showers. A large, slow-moving storm system located in the midwest will creep northeastward into Ontario by Saturday, and begin to dissipate. Another storm will be forming to our south over the Atlantic, drawing the energy away from the original system. This storm will move rapidly east-northeastward, just brushing southern New England with rain showers today and this evening. For Saturday, the main storm center over Canada will lead to a mostly cloudy day with a few rain showers possible. The weather will begin to improve by Sunday, with just some clouds, but no rain.

For the marathon on Monday, cool air and a bit of a westerly tailwind should help runners to have a fast day. Temperatures will be in the low to mid 50s at the start of the race in Hopkinton at noon, and the mid to upper 50s in Boston by the time finishers are comfortable.

Today: Cloudy and chilly with a few periods of light rain. High 48°F (9°C).
Tonight: Continued cool and damp with a few showers. Low 43°F (6°C).
Saturday: Mostly cloudy. Chance for afternoon shower. High 50°F (10°C).
Saturday Night: Some clouds. Low 44°F (7°C).
Sunday: More sun and a bit warmer. High 53°F (12°C).
Outlook for Monday and Tuesday: Mostly sunny and seasonable. Highs upper 50s (13-15°C).

Situation for Noon Eastern Daylight Time, Friday, April 16, 1999



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

Compiled by MIT Meteorology Staff and The Tech

A Day Later, NATO Admits to Bombing of a Civilian Vehicle

By John-Thor Dahlburg and Joel Havemann
LOS ANGELES TIMES

BRUSSELS, BELGIUM

From 15,000 feet, the U.S. Air Force pilot looked down from his F-16 cockpit on the struggling columns of refugees and the flaming desolation that blotted the Kosovo landscape — the very definition of "ethnic cleansing."

At the end of a string of burning villages and houses, the pilot said later, he spotted what he thought were three military trucks. "I'm convinced now that's the (Yugoslav army and police) forces working their way down ... and they're preparing to set this next house on fire."

He verified his target with

infrared sensors. He made repeated passes over it. Then he let loose a 1,000-pound laser-guided bomb.

He hit a civilian vehicle, NATO admitted Thursday, a day after the attack.

The U.S. fighter pilot also set off the most serious crisis of confidence in NATO's three-week-old air war to stop Yugoslav President Slobodan Milosevic's apparent campaign of driving all the 1.8 million ethnic Albanians from Kosovo.

NATO scrambled Thursday to explain what had gone wrong — providing reporters with a tape of the unidentified pilot's debriefing was part of that effort — but its account raised as many questions as it answered.

Exactly where did the attack

occur? How did NATO's account of the accidental bombing of a single vehicle on a dirt road square with the video shown on Yugoslav television of many bodies and wrecked tractors and trucks on a long stretch of paved road? NATO officials shrugged and promised more answers Friday.

"What the Serbs are showing is not what we are saying," said Col. Konrad Freytag, a NATO military spokesman.

Around 1 p.m. Wednesday, the pilot told his debriefers, he lingered over the town of Djakovica, where he spotted what he thought was a convoy of ethnic Albanians driven from their homes by the Serbs and clogging the road to the west of the town.

Astronomers Discover A Second Multi-Planet System in Milky Way

By Kathy Sawyer
THE WASHINGTON POST

Elated astronomers Thursday announced the discovery of the first multi-planet system ever found around a normal star other than our own, moving civilization a step closer to its ancient quest for kindred heavens where life might have arisen.

The signal of three orbiting worlds emerged from 11 years of telescope observations of the star Upsilon Andromedae, which is bright enough to see with the naked eye and is located a relatively close 44 light years (about 264 trillion miles) from Earth in the direction of the constellation Andromeda. The findings were announced Thursday

in San Francisco by two independent teams from four institutions who confirmed each other's conclusions using different equipment.

The discovery "implies that planets can form more easily than we ever imagined, and that our Milky Way is teeming with planetary systems," said astronomer Debra Fischer of San Francisco State University, a member of one discovery team.

"This is the one we've all been waiting for," said Stephen Maran, a spokesman for the American Astronomical Society. "Astronomers' hearts are in their throats."

The discovery provides the "first clear evidence" that science fiction

writers are right to depict their characters hopping from planet to planet throughout the galaxy, "like a bumble bee going from daisy to daisy," said Geoffrey Marcy, who led Fischer's team.

"We are witnessing, I think, the emergence of a new era of human exploration," Marcy said. The new-found solar system, following a trend set by the single stars detected around sunlike stars in recent years, exhibits orbital oddities and other unexpected properties that raise "profound questions" about where we fit in, he said, and whether our solar system may be "the result of some cosmic quirk of nature." The new solar system does not appear hospitable to life.

Reno Calls for Improved Relations Between Police, Citizens

LOS ANGELES TIMES

WASHINGTON

In her strongest and most emotional language to date on the subject, Attorney General Janet Reno on Thursday decried the worsening tensions across the United States between police and many of the people they are charged with protecting, and she urged a redoubled effort to confront the problem.

"For too many people, especially in minority communities, the trust that is so essential to effective policing does not exist because residents believe that police have used excessive force, that law enforcement is too aggressive, that law enforcement is biased, disrespectful and unfair," Reno said in a speech to the National Press Club.

The sharp words from Reno, the nation's highest-ranking law-enforcement officer and a longtime supporter of local police, came on the same day that thousands of New York City demonstrators protested high-profile police attacks on two immigrants. While the timing was a coincidence, Justice Department officials said the rising tensions in New York helped trigger Reno's call-to-action on the issue of police conduct.

Reno said her heart goes out to the family of New Yorker Amadou Diallo, an unarmed man shot 19 times by officers as he stood in the doorway of his apartment building one February evening. But Reno warned that the problem was broader than Diallo's killing.

Pinochet Extradition Proceedings Move Forward

LOS ANGELES TIMES

CURACAUTIN, CHILE

Imagine him as the defendant on the first day of trial: Gen. Augusto Pinochet, senator-for-life and former dictator of Chile, accused of the torture-murder of Marcos Quezada Yanez, a 17-year-old student, in this melancholy rural town.

Although Britain's interior minister decided Thursday to permit extradition proceedings to go forward, the vagaries of law and fate have already determined that Pinochet will not be tried for the most notorious crimes of his 17-year regime: car-bomb assassinations by his spies in foreign capitals, massacres in his concentration camps.

A judicial panel of Britain's House of Lords ruled last month that Pinochet faces extradition to Spain only for offenses covered by an international law against torture ratified in 1988, the year before he stepped down. The Law Lords eliminated all charges except two alleging conspiracy to torture and a third based on the death June 24, 1989, of Quezada, a pro-democracy activist, in a police lockup here.

It is poetic justice, Pinochet's foes say, that he could be brought down by an obscure crime committed at a time when he had agreed to relinquish power and in a place in the verdant, slow-moving south of Chile that had largely avoided state terror.

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Join Our Team

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Being Cautious With China

I am writing in response to the article by Jonathan Richmond PhD '91 ["Questioning the Premier," April 13]. While I certainly agree that China has several human rights issues that the government should address, I strongly disagree with the tone that Richmond uses.

China is an emerging superpower, and to treat it with the disrespect implicit in Richmond's article is not only impolite; it may be dangerous. Fostering an atmosphere of hostility between the United States and China will not accomplish anything besides creating an environment in which both countries may find it difficult to conduct negotiations in the future. The events of the past few years, such as the Chinese test-firing of a missile over Taiwan, make it clear that the United States will have to handle China with careful diplomacy, not angry rhetoric.

In order to solve our differences with China, it is important that the United States make an effort to understand why the Chinese government takes the stances that it does. For example, my understanding is that China views Taiwan much as the North viewed the South during the Civil War — as a rebellious territory that needed to be reclaimed in order to preserve the integrity of the country.

This view of Taiwan is not one with which I necessarily agree; however, it is one that the United States needs to comprehend in order to create a successful dialogue between countries.

In general, I believe that in order to resolve

any contentious issue, it is important that each side understands the views of the other. Otherwise, there is the possibility that any conflict of ideas may escalate into hostility and violence.

Tzu-Mainn Chen '99

The Real Enemies of China

Qiutao Wang G and Xiaobo Li G should be ashamed of themselves. In their response to Kris Schnee '02 ["A Warm Welcome for Premier Zhu," April 13], they label him a xenophobe for daring to criticize the Communist mainland Chinese government. What is xenophobic about criticizing a government that engages in widespread repression of independent speech by way of coercion, violence, and murder? On the contrary, strong opposition to Premier Zhu and the government that he is a part of is a powerful message of support for the citizens of mainland China. Who are the real enemies of the millions of citizens under mainland China's rule? Are they the people who criticize coercion and violence or people like Wang and Li who support and comfort the oppressors of Chinese citizens?

David S. Kelman '99

Focus on Athletics Needed

The recent closure of the turf

Omnifield for all official uses has created a major disruption to the intramural softball season.

Those of us who have played intramural, varsity, and club games on the turf have all known for a long time that the turf would need to be replaced sooner rather than later. Surely the Athletic Department and the MIT administration must have known this as well. The Athletic Department's approach to repairing the turf, however, only seemed to postpone the inevitable, forcing the closure of the Omnifield at an inopportune moment.

Athletics are an important part of the quality of life at MIT, but field space for games like softball, ultimate, and football is in extremely short supply. Briggs Field has never been in great shape either. I cannot overstate the importance of athletics to the well-being of the student body at MIT; on a campus where many students might consider Starcraft to be a sport, we should be encouraged to be more physically active. Yet the opposite seems to be true here; those of us who do want to play team sports are often frustrated by a lack of field space.

The lack of field space on campus, and the resulting disruption to varsity and intramural sports, is yet another testament to the administration's confused priorities and lack of concern for quality-of-life issues at MIT when not under media pressure. That a new undergraduate dorm can be built when there is already enough housing on campus for all undergraduates who want it, while there isn't enough field space for existing intramurals, is unexplainable.

Bill Schneider G

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Let the Rush Begin

Veena Thomas

Last weekend was the best in recent memory. Not coincidentally, it was also Campus Preview Weekend. A tremendous amount of work went into planning this weekend to ensure that all the little prefrushlings would have a great time and choose to come here. CPW is a good time for all, even those who already study here.

Actually, let me clarify something. For those who didn't notice, this past weekend was not CPW, it was rush. How else can you explain the proliferation of fraternity letters on Friday, and the abundance of frat parties over the weekend? Even the dorms joined in. The excuse was that potential freshmen should be aware of their living options. Although the students hadn't decided to matriculate yet, why did I feel like it was R/O? Because I had that much fun.

The day the prefrush arrived, I was struck by both the beautiful weather and change in the atmosphere. Walking back from class, I encountered one dorm and one frat playing dance music. Far from a nuisance, it enlivened the campus. Although it was Thursday, I practically danced back to my room, feeling lucky to be a carefree college student.

My prefrush also provided welcome change. Her high school innocence suddenly threw my weary college mentality into harsh silhouette. When I casually mentioned something about how a friend might sleep in through her first class my prefrush looked shocked. "How can she do that?"

"Well, it's easy," I replied, "you just sleep through your first class and go to your second class."

"But don't you need to go to your first class?" asked the innocent high school student. Hmm. Yes, you need to go to your first class. There was no way I could justify this one. What had happened? Why did the thought of someone skipping her first class no longer bother me? I must have entered MIT much as she did, wide-eyed and innocent. In the words of Soul Asylum, "How on earth did I get so jaded?"

We made quite a pair, her, the fresh-faced high school student, and me, the hardened, cynical one. I tried to keep her entertained, and it didn't take much. She loved just being at college and doing everything. All the prefrush received an incredible list of weekend activities. There were two plays, the MIT Ballroom Dance Team competition, more parties than I could count. And Alan Lightman, who wrote one of my absolute favorite books, *Einstein's Dreams*, was going to give a talk. I felt lucky to be a student here. Why can't I have this much fun every weekend?

After looking at the list of activities, we decided to have dinner in Boston and then party. Coming home from dinner, we decided that it was too cold to attend a rooftop party. But when we passed by a frat, once again I was seduced by the booming dance beat. We agreed to change into warmer clothes and then go to the party. I changed in my room as my prefrush and another prefrush friend waited in the lounge. But when I went to get them, I found them fast asleep. It was 12:30. After watching them, my giggles woke them up. Claiming she was not tired at all, my prefrush came with me to the party.

It should have been your typical rooftop frat party, but something about it awed me. Perhaps it was because I could see the dome on one side and the Boston skyline on the other. Or maybe it was because everyone was being social and meeting new people. Something was bringing people together, resulting in an amazing party. As I looked at the skyline, suddenly I was a prefrush again, awed by the thought that I could be a college student in Boston.

The reality of being that student hit hard the next day when I realized I had three problem sets due Monday. My prefrush incredulously asked me if I was doing homework. I was. "But it's a Saturday!" Somehow a weekend of parties didn't prepare her for the fact that we actually do work here. I tried to explain this to her. "But can't you just do your homework on Sunday?" Three problem sets in one day? I don't think so. I gave her the excuse that I was going on a dorm cruise. I didn't want to burst her bubble. Let her remain an untroubled high school student while she still can.

I can't go back to the life of a high school student, but prefrush weekend gave me a glimpse into my past and a chance to regress, if only for a little while. But if that is what it takes to relive that feeling, let the rush begin.

MIT's Willing Accomplices

Joel M. Rosenberg

At the Democracy Teach-Ins, Mike Albert '69 told how he first became politicized. He learned after being initiated to Alpha Epsilon Pi that they wiretapped the phones during rush to get better info on the freshmen, and that he had been the "victim" of such practices. At the time he learned of this he had invested too much to care about this violation of his rights. It wasn't until his sophomore rush that the magnitude of the transgression sank in, and he then proceeded to wait outside AEPi warning entering freshmen about the house's shady practices. Half the house wanted to kill him, and the other half wanted to not only let him live but keep him in the house. One point of this story is how indoctrination can make you accepting of just about anything. Another point is how once you become a maverick, the powers that be either want to appease you or eliminate you. But one of the most interesting points for MIT is how incredibly dirty rush is.

This past weekend was Campus Preview Weekend. It used to be Women and Minorities Weekend, but MIT now has decided to put on the pony show for all prospective students. All last week I heard complaints from friends in houses about the cleaning and preparation they had to do for CPW, since it's essentially spring rush. I heard a rumor that professors had been told to ease up on work for the week. And when *The Tech* wouldn't allow the Interfraternity Council to publish propaganda as a news article, the IFC took out a full-page news-style advertisement, telling how "parties are returning to the way things used to be," cit-

ing three "recent successful events," one of which was the Alpha Phi invite-only, ego-feeding Crush Party — a real community builder.

Corresponding to the start of CPW, the ILTFP (I Love This F---ing Place) campaign organized a "Tool-In" last Thursday, at which 75 people showed up to multitask homework and protest by tooling outside President Charles M. Vest's office. Vest had the audacity to claim "in my view we have actually rather dramatically increased our outreach to students on issues," citing many open meetings and "a year of very active debate" about alcohol policies. The Tool-In showed students are so pressed for time they have to do work even while protesting. The orange ribbon campaign itself is a "no-time-commitment way" of demonstrating.

On Friday, to check out the current state of partying, I went over to Delta Tau Delta, and indeed it seemed like an incredible replica of parties of yesteryear. Upon entering my glasses fogged up; the dance floor was packed; the stairs were streaming with people; everybody seemed to be having fun — good clean fun. I ran into a friend and asked him what he thought of the party. Like myself, he missed the not-so-clean fun, and cut the conversation short to go keep tabs on his prefrush, since after all, my friend wasn't from Deltas, and this was enemy rush territory. My friend wasn't enjoying the party, and neither was I. So who was this party for?

MIT places a large burden on the houses by expanding prefrush weekend to include guys. The houses treat the weekend like spring rush and compete trying to impress prefrush. The impression is false, the same

way that rush impressions are generally superficial, but only worse now because there's no substance behind the façade. And soon MIT won't even be able to use the houses in this exploitative way because there will be no incentive for houses to woo prefrush to campus if they'll have a whole year to woo freshmen to their houses. If the administration continues ignoring the wants of students while patronizingly saying "you should've come to that meeting," how many people are going to keep lying about how great this place is? Why would you encourage someone to waste their college experience here?

At the Tool-In Chancellor Lawrence S. Bacow '72 refuted the claim that the Institute changes "according to media coverage and legal standing," but also said, "The outside world lumps everyone together. We can't change that, that's reality." The question is, why should we give a shit about the outside world? What do they know about how different all of MIT's living groups are, dorms included? What do they know of the workload we endure? Why has MIT done almost nothing outside of the Infinite Buffet to build community, instead choosing to inject the competitive nature of rush to pre-frush weekend?

Ask yourself how many of next year's freshmen, sophomores, and juniors will know the freedom with responsibility that used to be given to undergraduates here. Ask yourself whether this place is so perfect that it needs no improvement. Ask yourself how you would feel if you left here last weekend convinced to come here based on what you were shown.

Bacow said, "Circumstances can change." It's time to change the circumstances.

Historical Perspective and Commencement

Julia C. Lipman

Ladies and gentlemen of the class of '99: Keep some historical perspective. If I could only offer you one tip for the future, this would be it. The long-term benefits of historical perspective have been proven by generals and world leaders. Sadly, MIT doesn't seem to see it that way, as evidenced by this year's choice of commencement speaker.

The choice of a commencement speaker makes a statement. This year, the statement is that MIT is sick of politics, that its students just want to be entertained and remain oblivious to world affairs. The selection of brothers Thomas L. Magliozzi '58 and Raymond F. Magliozzi '72, also known as "Click and Clack" of National Public Radio's *Car Talk*, was explained by pointing out that many seniors specifically said they didn't want any politicians. While that's a perfectly understandable post-Lewinsky reaction, it's an attitude that the administration should be trying to change, not encouraging.

Of course, the Magliozzi brothers sometimes use the topic of cars as a vehicle (get it?) for social commentary. Ray Magliozzi has a history of volunteer work in community organizing and education. But anyone who listens to *Car Talk* knows that it's mostly, well, talk about cars. It's about whether that '87 Dodge Ram is going to make it to Alaska, or whether SUVs are taking over our roads. It's funny, knowledgeable talk about cars, but talk about cars nonetheless.

So would some stuffy politician be a better choice than these wild and crazy MIT grads who know what it's like to take 8.01 four

times? Well, probably. Even more than graduates at other schools, MIT graduates need to understand their work in a sociopolitical context. Technology with no regard to public policy can be very destructive. Yet we seem to be moving away from such an understanding. For example, *Technology Review*, a magazine once devoted to examining scientific issues in relation to public policy, has become a *Wired* clone in looks and, in the words of one reader, "a cheerleader for innovation" in content. The choice of "Click and Clack" is one more indication that we're losing perspective.

But politicians don't really understand technology, right? I mean, is that a *blink tag* I see on Jesse Helms' home page? Why should we have a Commencement speaker who has no idea what we do at MIT? Actually, there are many political figures whose grasp of scientific issues goes beyond the rudimentary. An excellent choice for commencement speaker would have been the statesmanlike Senator Patrick Leahy of Vermont, whose E-Privacy Act would bring about encryption legislation reform, and who was active in opposing the Communications Decency Act. Or how about Jimmy Carter, who has not only been a voice for human rights but also done graduate work in nuclear physics?

It's often important for a Commencement address to engage in some manner with the history that's being made that year. Recent Commencement addresses at MIT have been successful in this regard. President Carlos Salinas of Mexico discussed the North American Free Trade Agreement in 1993. In 1989, Senator Paul Tsongas reflected on Tiananmen Square and the end of the Cold War. University of Chicago president Hanna

Gray remarked on the campus culture wars dividing academia in 1995. And in 1996, Al Gore talked about a "schism between science and the rest of society," something we would do well to think about with regards to this year's commencement. Politicians are natural choices because of their speechmaking and history-making ability, but they are by no means the only people who can discuss cultural issues with intelligence and gravity, as Gray and David Ho, who discussed research funding and immigration, show. However, making or analyzing history in some way makes a speaker much better at discussing it.

Last year might have been a good year for "Click and Clack" if there ever was one. With much of the country on Monica overload and few substantial history-making events in the news other than impeachment, the history-engaging aspects may have been less important to a Commencement speech than at other times. But these are serious times we are entering into. Kosovo and the Y2K problem have created a very somber mood at the end of this millennium. Instead of choosing a graduation speaker to reflect this mood, MIT has decided to tune out the outside world.

No Commencement address, by itself, is going to change dramatically the way that MIT students think about science and public policy, or anything else. But a Commencement in which the major issues of the day are discussed would send a message to MIT students that these issues are important, that they can't be written off as "just humanities." By not holding such a Commencement, MIT sends the opposite message. But trust me on the historical perspective.

Dr. Death and the Law

Kris Schnee

On Tuesday, Dr. Jack Kevorkian was sentenced to 10 to 25 years in prison for second-degree murder. A jury found him guilty of killing Thomas Youk, who was dying from Lou Gehrig's disease. While Kevorkian's conviction may be a setback for the cause of legalizing assisted suicide, the jury is to be commended for its adherence to the law. In what may be Kevorkian's final case, he videotaped Youk's death and had it broadcast to millions of Americans on *60 Minutes*. In this way, he once again brought his cause into the national spotlight, forcing us to think about the difficult issue of euthanasia.

What should we do with a terminally ill patient? The answer is simple in many cases: whatever that patient wants! Our Declaration of Independence declares that all people have an inalienable right to life, and to do with their lives as they see fit. If this is so, then why is there not an equally inviolable right for anyone to choose to end their life, which no one else has a right to control? By extension, terminally ill people who are unable to die by their own hand are justified in calling for

someone to help them. If they can find someone like Kevorkian who is willing to perform the procedure — and many doctors would refuse, since euthanasia clearly violates the Hippocratic Oath, well-meant or not — then there is nothing fundamentally wrong with someone else pulling the switch to cause a patient's death.

One of the objections raised against the concept of legalizing euthanasia is the fear that "Dr. Death," like the serial killer his foes make him out to be, will seek out vulnerable people and execute them for his own pleasure. But as long as euthanasia is handled with an ounce of common sense, this horror will not be a problem. Once again, "informed consent" is a good legal rule. If a patient clearly expresses a wish to die, after witnesses find him or her sane and conscious, then it should be legal for someone to pull the plug; in all other cases it should not be. If the murder laws are changed in this way, people who wish to die will die, and those who wish to live will live. Anyone performing euthanasia without consent will still be a murderer, subject to prosecution.

Most of the gray cases are fairly easy to resolve. If a person is rendered unable to

speak or even nod, then obviously there can be no consent without a signed living will stating the conditions under which they wish to die. What if a patient's family wants their ailing relative to stop suffering, but no wishes have been expressed by the patient personally? In that case, it's not suicide. But we do need to think about the definition of life itself, to rewrite euthanasia policy intelligently. Is a person with an irrevocably destroyed brain still alive, for instance? Should the informed consent rule apply in cases where, in a sense, the patient is already dead?

Kevorkian has succeeded in making America think about an important medical issue, but the jury was completely justified in convicting him. He broke one of the most important laws of our society — by the present definition, what he did was murder, and it carries a severe penalty. The jury did its job, ignoring the media furor and political argument around the trial, and upheld the law.

Kevorkian's act of civil disobedience went as such acts usually do — the protester got attention and paid dearly for it. While some people may respect his cause or even view him as a hero, he is, at least for now, a murderer, whatever his intentions.

THE ARTS

MOVIE REVIEW

Goodbye, Lover

Comedy with delusions

By Roy Rodenstein

STAFF REPORTER

Directed by Roland Joffe
Written by Ron Peer, Joel Cohen, Alec Sokolow
With Patricia Arquette, Dermot Mulroney,
Ellen DeGeneres, Mary-Louise Parker, Don
Johnson

What do you get when you cross a spoof with the genre it's spoofing? Probably something like *Goodbye, Lover*. Director Roland Joffe, who started his career with the acclaimed *The Killing Fields* and has proceeded with mixed critical success (he directed the *The Scarlet Letter*, for example), continues to experiment here with a mixture of film noir and *Fatal Instinct*-style genre-busting.

Patricia Arquette is Sandra Dunmore, who may or may not be the person to whom the film's tagline "No one's ever been so good at being so bad" refers. Sandra works in real-estate, and is sleeping with Ben Dunmore (Don Johnson) — her husband's brother — in all the houses she has access to. She has no qualms about taking advantage of each house's resources, whether clothing or furniture, to set up a kinky extravaganza for Ben. Unfortunately, this amusing comedic set-up is only used once.

Soon, Ben starts worrying about what if his brother Jake (Dermot Mulroney) were to discover their affair, and Sandra notes "Lots of things can happen. Maybe you should make them happen." At this junction the movie employs its spoof mode, as Ben finds the idea of killing his brother preposterous. The movie soon switches into scheming and double-crossing, with some triple- and probably quadruple-crossing thrown in. Yes, the term "double indemnity" is heard, but only once.

In the first hour the film is in some ways reminiscent of the recent *Cruel Intentions*,

with lots of threats, sex, and an anything-goes policy on innuendo. For all the thrashing, though, there is little momentum. Some scenes are painfully ridiculous, as one where Sandra meets Ben at a church, slips a diskette into a computer under the organ, and orgasmically makes love to Ben to the tune of Bach, the two hiding behind the organ as a choir below marvels at Ben's playing. It's not that such scenes cannot be funny — *Hot Shots* is one of several counterexamples — but here they just feel too scripted.

Enter Ellen. As cynical Sgt. Rita Pompano, DeGeneres is just the breath of fresh air the movie needs. Though a few of her lines bomb, she hits regularly enough to keep things at a nice chuckle level. There are a few brilliant bits between her and the goofy officer she works with and torments. She seems to be playing the role usually earmarked for Whoopi Goldberg, and does so with aplomb. Another wonderful touch is the recurrent use

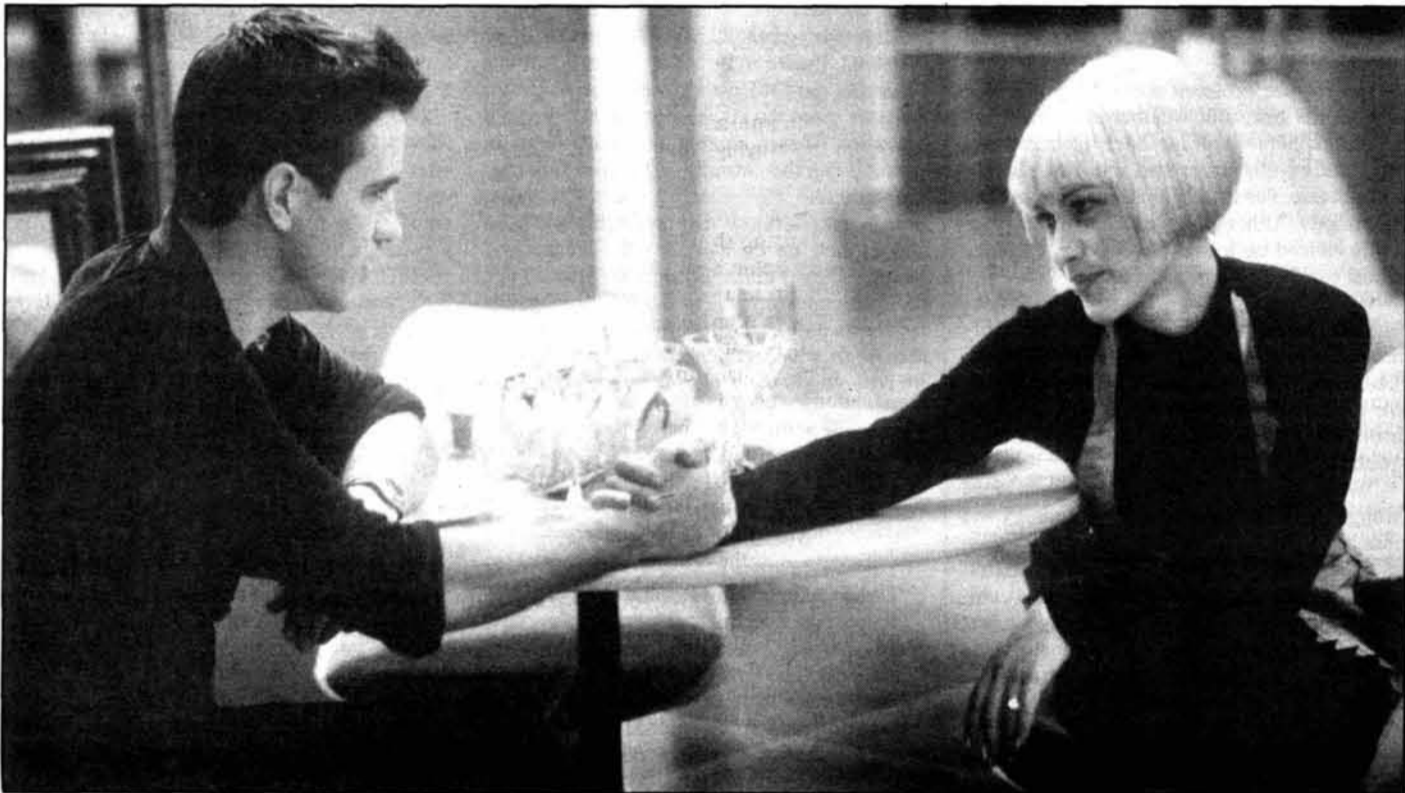
of songs from *The Sound of Music*, which giddily accompany Sandra whether she is plotting murders or asleep. "I don't trust anyone over 10 who listens to *The Sound of Music*," Sgt. Pompano remarks with amusing insight.

As long as the plot commits to farce, the movie marches along merrily. After a murder, characters protest "We're entitled to that money!! We did all the work!!" and resort to serial murder as a cover-up for a single murder. Execution is muddled, unfortunately. A victim of the serial murder scheme seems to look like the intended target, but apparently the dead person is someone else. This is not a purposeful trick, though, it's just sloppy editing.

On the plus side, Vincent Gallo livens things up a bit as a hired killer. But is his playing pinball supposed to be charming, amusing, or frightening? The same questions go for his beating of an unidentified prisoner. Walking the line between thriller and farce is tough, and this movie is all over the map. Sometimes it amuses,

occasionally it thrills, and the rest of the time it doesn't know what it's doing. There is even a bit of violent gunplay thrown in, perhaps meant to be cathartic, but it is neither funny nor scary nor much of anything other than random. It would work great in an episode of *South Park*, but it's very out of place in this movie.

Overall, *Goodbye, Lover* is an interesting experiment in mixing genres. Some parts it has down cold, such as crisp interior shots from cinematographer Dante Spinotti (*L.A. Confidential*). Others, like acting, fall along the same fault lines as the film's tone. Along with Mary-Louise Parker as a droll, manipulative secretary, DeGeneres, Arquette and Johnson are charmingly jocund, while Mulroney and others tasked with the thriller-heavy roles are just dull. In the end I wasn't sure who was supposed to be "so good at being so bad" or how much sense the plot made. The irony of Sandra carrying the collection plate around for a priest, though, was worth holding onto.



Jake Dunmore (Dermot Mulroney) and his wife Sandra (Patricia Arquette) in *Goodbye, Lover*.

CONCERT REVIEW

Ani DiFranco

A real folk singer

By Fred Choi

STAFF REPORTER

To say that Ani DiFranco is a bit of an anomaly among modern rock musicians would be a gross understatement. Along with being undisputedly the most successful musician on an independent record label, as evidenced by two Grammy nominations, as well as the albums that have appeared on Billboard's music charts, and sold out concerts worldwide, Ani further sets herself apart from other rock musicians by touring almost constantly. A self-described folksinger, Ani tours not only because she loves it and because she feels that the immediacy of live performance better represents her songs, but also because she believes that it is an important aspect of being a folksinger — to relate to "the folk."

And relate she did to the audience, which incidentally was largely female at the Providence Civic Center last Saturday night. Ani is known for having a easy rapport with her audience, and it was conveyed not only through the incredible virtuosity and energy with which she performed her songs, but also through the comments she made between songs. The hour-and-a-half 20-song set was full of variety and amply displayed Ani's prowess in both music and lyrics. The songs ranged from intimate ballads to energized funk to opinionated poetry, interspersed with Ani's characteristic intelligence and silliness. The concert was only the second of Ani's North American tour, whimsically called "George," although she has already toured Australia and Europe earlier this year.

This time around Ani was backed by a new drummer, Darren Hahn. Although longtime drummer and goofball Andy Stochanksky was missed, Darren did an amazing job of integrating his sound with Ani's and the rest of the band, especially considering that he's only been playing with them for a few months. Jason Mercer, who has been touring with Ani since 1997, played bass and joined in on some background vocals, as did Julie Wolf, who has been around since last year and who also cov-

ered the keyboards with breathtaking proficiency. Not only did Wolf perfectly back Ani's vocals, but she also impressed the audience with her playing on melodica, Hammond Organ, and electric keyboard. And somehow Julie was able to make the accordion — an instrument that some people have nightmares about — rock in a very cool way, on such tunes as "Little Plastic Castle" and "Angry Anymore." When Ani wasn't in the spotlight jumping up and down with her guitar and delivering her potent lyrics with force, she was wandering around the stage physically interacting with the other members of the band. The friendly and at the same time respectful relationship the people onstage had with one another was a wonderful and unique aspect of the show.

The majority of the songs performed were relatively new material from Ani's two most recent albums, *Up Up Up Up Up Up* and *Little Plastic Castle*. Of these the highlights included the funky, energized "Jukebox" and the heartbreakingly beautiful, "'Tis of thee," two of the best tracks off of the new album. New versions of older songs, such as "Cradle and All" and "Pulse" were also very welcome and thoroughly enjoyable. However, two of the very best songs of the night were by far the two unreleased songs; according to Ani, one of them had only been performed the night before, and which she humorously

described as being "very polished." The other, possibly titled "Birmingham," is a deeply affecting interweaving of three separate but related accounts, one concerning the bombing of an abortion clinic in Birmingham, another — the shooting of an abortion doctor in his home in Buffalo, and the third — Ani's own experience of having an abortion. One of Ani's greatest strengths is her ability to tackle controversial political material and communicate it in a serious and beautiful way, and the song was a perfect example of this. Another strength that Ani displayed during the evening was her ability to juxtapose the serious with the downright silly. This became apparent at several different times during the show, for example when she eulogized *The Muppet Show* as a spoken introduction to "'Tis of Thee," a song concerning the inequities within the criminal justice system in America.

Along with the great music and lyrics, the lights were also excellent, especially on the first song, "Virtue," when they perfectly complemented the structure and some of the nuances of the song. In addition, the opening act, *Drums with Tuba*, was a unique group featuring drums, guitar, and, yes, tuba, that managed to make the audience reject their initial disbelief at a tuba being a valid rock instrument and appreciate the instrumental songs they performed. The group proved to be more than just a novelty act, as some of their

songs were actually very enjoyable.

Although most aspects of the show were close to perfect, there were some that were far from ideal. Even longtime fans found that after the first four songs most of the rest lost their individuality, as songs tended to bleed into each other. This was because of their similar sound and rhythm, a problem that would have been remedied by including more contrasting songs, such as "Fuel." In addition, there were definite problems with the sound, especially with Ani's vocal mic. Many of her words were unintelligible, although one could solve this problem by sitting or standing next to one of the numerous audience members who insisted on singing along to every song.

For old fans, Ani's performance in Providence was a chance to hear some gorgeous new songs, new versions of old songs, great versions of newer songs, and Ani's amusing and sometimes enlightening chatter. For new fans, it was a chance to have the fun and unique experience of seeing Ani's songs really come alive onstage and to see how much fun and how stirring Ani is to see live. For both groups, it was a completely memorable concert, as we saw Ani shrink the size of the stadium down to the size of an intimate room in a way that very few people can, and relate to "the folk," giving us all something to think about and to enjoy — like a truly great folksinger.

MOVIE REVIEW

Forces of Nature

It won't blow you away

By Vanessa Yen

Written by Marc Lawrence
Directed by Bronwen Hughes
With Ben Affleck, Sandra Bullock, David Strickland, Blythe Danner, Joe Don Baker, Steve Zahn and Meredith Scott Lynn

Forces of Nature is a pretty lame excuse for a romantic comedy. Despite recruiting such talent as Ben Affleck and Sandra Bullock, director Bronwen Hughes is unable to create a coherent and engaging movie.

The film begins with Ben (Ben Affleck), a

book jacket writer from New York City, traveling to Savannah, GA, for his wedding with Bridget (*News Radio*'s Maura Tierney.) As Ben boards the plane with his flying jitters, he meets Sarah (Sandra Bullock), a recklessly outgoing young woman who appeals to his adventurous side.

Just before takeoff, the plane skids off the runway. In the ensuing scramble for a rental car Ben bumps into Sarah, and ends up road tripping with her down the East Coast. In a ridiculous chain of events similar to those found in *Planes, Trains and Automobiles*, Ben's life takes a 180 degree turn as his passion for adventure, and his interest in Sarah, grows.

Throughout the movie, Ben races against time and his own emotions to make it to the wedding. The ungodly number of coincidental "accidents" he encounters further compounds his inner struggle. The more time he spends with Sarah, the more unwieldy she gets, and the stronger his feelings for her. The audience is forced into a state of confusion as to why Ben would jeopardize his marriage to the attractive and classy Bridget for the despicable Sarah, who he has known for only several days.

There is very little comedy, even less romance, and absolutely no realism offered in this film. Each scene is set up to resemble a natural progression of two people falling in love, but the situations are just too outrageously unbelievable to work. The only bright point in the whole movie is a bunch of interesting thunderstorm special effects. But unless you are a die-hard Sandra Bullock or Ben Affleck fan, this movie is not worth your \$8 and two hours.

ON CAMPUS

Ali Akbar Khan and Swapan Chaudhuri

A powerful display of Indian virtuosity

By Amrita Ghosh

STAFF REPORTER

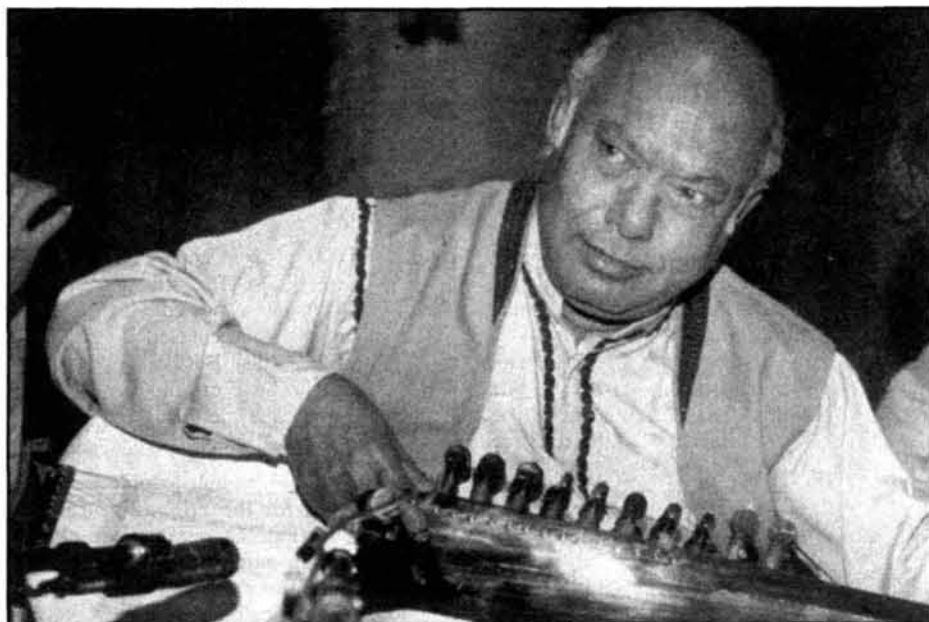
Presented by MITHAS in cooperation with Sangam

Every once in a while, the MIT community is lucky enough to host an artist who masters his art to perfection. Last Sunday, that master was Ousted Ali Akbar Khan, a worthy representative of North Indian classical music.

If India can be called the supreme land of culture and expression, then northern Indian music might be thought of as the essence of that cultural expression. During a performance, the artist improvises the music right in front of the audience. His genius is exposed for all the world to see without any tainting or impurity. It is the purest art form of all. Everything that flows out of the musician's hands is his own expression, happening right there and then for everyone to see.

"Ousted" means genius, guru — and Khansahib is the guru (or teacher) of MIT's very own George Ruckert, who with Khan's son accompanied the sarodist on tanpura. Ruckert is an MIT Professor in the Arts, and his specialty, not surprisingly, is Northern Indian music.

The sarod and tanpura are Indian stringed instruments, plucked to achieve a metallic, echoing sound. The sarod has several large, long strings for resonating melodies and other thin, smaller strings which are plucked for high, chiming accompaniment. The tanpuras, on the other hand, have a total of four strings tuned to the raga — or key — of the piece. They are played continuously throughout to help the other instruments stay in tune. Chaudhuri, accompanied Khansahib on the tabla, a pair of beautifully resonating Indian



Winner of innumerable awards in India and the United States, Ali Akbar Khan has spent his life playing, recording, composing, and educating audiences worldwide.

drums. He brought out the sheer splendor in the ever-fluctuating rhythm, while emphasizing the many treble and bass pitches in the percussion itself, in a way that only a masterfully-skilled tablist can do with ease.

Ousted Ali Akbar's genius is clearly recognized by the Indian American community. The diamond-studded affair was attended by many of Boston area's heavy-hitters, major business leaders, and powerful Indian entrepreneurs, as well as by the Indian communities from both MIT and Harvard University.

During the evening of the concert, Kresge looked as grand as the artists who played in it. Behind Khansahib were a set of beautifully colored lights, muted, yet stunning.

The concert started with a brief introduction in the deep voice of Khansahib himself. He declared that his first piece would be in Iman Kalyan. Then his magic began.

He started with a radiant alap, an introductory phase, thought of as a conversation, slowly increasing in ornamentation. The first tones of the Alap reached out as sunlit fingers towards the audience. We were indeed the dawn and Khansahib, the sun, enlightening us

all with his extemporaneously composed melodies.

Without the tabla, the rhythm is completely floating, just as the early beginning of a peaceful meditation, with the artists sliding fingers playing the melody. Those who witnessed that deep alap said it was soulful, heart-felt, and traditional. Khansahib's style is pristine, the notes enchanting in their depth. The delivery was even-handed, and very personal. Chaudhuri later said that "Only he can do that."

After this he went on to play an amazing jor, a section with fast rhythm without tabla. This is done by plucking the strings simultaneously in a rapid succession of chords. Still using lots of sliding notes, the master adeptly plucked out the energetic rhythm as easily as he played the iridescent melody. The main portions of the piece were two gats. One was in slow tinal, a rhythm cycle of 16 beats easily counted with the fingers. While this was more rhythmically intricate and accompanied by tabla, he worked his way up to a faster medium-tempo beat.

The second gat, this time in fast tinal, was

cleverly constructed. It consisted of a couple of notes arranged in a witty variety. Finally, the master ended with a section of jhala, using the chikari strings to produce a "sparkling" sound, as it is described in Sanskrit, that ancient language that describes much of the mystery surrounding this art.

After a brief intermission, the master took to his instrument yet again, performing a light classical piece. This time, he undertook the rag Pilu-Baruwa, a more intimate, romantic piece, and a bewitching minor-sounding rag.

A short alap consisted of a "conversation" between the sarod and tabla. While Khansahib plucked out the rhythmic and melodic variations, Chaudhuri repeated them in amazing sonority, amazing in accuracy as well as in the performers' ability to perform them with grace and perfection.

The guru went on to a composition in slow 14 beat and then a jhaptal in medium 10 beat cycles, both of which dazzled the audience with perfection. During this section, he played a ragmala, meaning a necklace strung with snippets of all different rags. He even incorporated the theme of "Greensleeves" and Bach's "Bourree"!

A touching moment ended the concert, with Khansahib playing a highly inventive composition by his father, fast and in tinal again. The late "Baba" Allaiddin Khan was not only Ali Akbar's father and teacher, he was also mentor to many of India's greatest musicians and instrumentalists.

What makes Indian classical music so different from western music is its foundation in a different modal system. The difference in pitches are based on quarter-tone steps instead of the Western semi-tone steps. Does this mean that there are twice as many pitches and double fullness in Indian music compared to Western? Some might say that Khansahib's concert would suggest this. But in the end it is for the listener to decide who is the master, just as it is for the beholder to decide what is most beautiful.

Among the members of the audience were some very important Indian music leaders from the Boston area. They were the guests of Robert Freeman and President Charles M. Vest, who held a reception in their honor.

The event was also highly attended by students as well as many members of the surrounding Cambridge and Boston community. The 1200 seats in the Kresge Auditorium had been sold out several days prior to the performance. Waiting lists emerged for everything from audience members to ushers and volunteers.

George Ruckert and Nini Ansari contributed to the reporting of this story.

MUSIC REVIEW

Lit

Just another generic rock album

By Daniel J. Katz

STAFF REPORTER

Recipe for a one-hit wonder: Start with Eve 6/Harvey Danger style power pop that's already been done to death. Turn the guitars way up and turn the creativity way down. What you're left with is a weak collection of songs that are listenable, but bland. This particular collection is from a band called Lit, and it's called *A Place In The Sun* (RCA).

The aforementioned one hit on the album is "My Own Worst Enemy", which is currently reigning at number one on the Billboard Modern Rock Airplay chart. Lyrically, it presents a light-hearted story about the morning after a drunken rage ("I can't remember what I said or what you threw at me...") and musically, it uses a wicked and bouncy guitar riff (and uses it liberally.) Last week, in *State of the Airwaves*, I noted that this is a great song because of its simplicity and short duration. But an entire album of the same material becomes tiresome quickly, especially since most of the other tracks lack the catchiness of the single.

Almost every song on the disc utilizes the same format: verses skipping along until an overdramatic chorus takes over, then slowing down as harmony is laid in. This might be effective if it wasn't done on every single track. Plus, in each of the songs the choruses are overused to the point where after two minutes, you're ready for the next one. (And waiting for it is no picnic.)

One of the better efforts on the album is the fifth track, "No Big Thing", a surprisingly scorching punk rock tune with a lot of energy. Other bearable moments include the slightly catchy title track, and "Zip-Lock," which starts out as memorable before becoming annoying after a few listens. The most impressive thing on the album is the band's dead-on imitation of Everclear on "Miserable". Unfortunately, I doubt it was intentional...

Lit are currently on the road with Eve 6 (they roll into the WCBN River Rave at Great Woods on May 30) having been the opening act for Silverchair for two months. They'll then be joining selected dates of the punk-oriented Warped Tour. Maybe the exposure to the punk rockers at Warped will help Lit develop the fast-paced sound that drives their best material. But for now, on their tour with Eve 6, the band can only hope to steal more tired musical cliches, and at this rate, "My Own Worst Enemy" will be the last you hear from them for quite a while.

FOOD REVIEW

The Essential Vegetarian

Let them eat cake

By Katie Jeffreys

STAFF REPORTER

Well, since I did not have a restaurant review for you last week, this week I offer you two! It is apparent when searching for a restaurant in the Boston area that you do not need to travel the world to get a taste of cuisine from around the globe. I recently visited Addis Red Sea Ethiopian Restaurant, located at 544 Tremont St., and Bangkok City Restaurant at 167 Massachusetts Avenue. Each menu is based on the origin its name suggests; the former, Ethiopian food, the latter, Thai. I really enjoyed both restaurants, not having been particularly familiar with either type.

At Red Sea I was presented with the wonderful opportunity to eat with my hands. The food is served on a large platter lined with large doughy pancake-like bread. Each entree is scooped onto this lining, along with a few condiments. There are additional pieces of bread served with the meal, which are used to pick up the food, keeping your hands free of sauce. The method of eating aside, the food was quite tasty.

After my tirade last week regarding the number of choices available to vegetarians, I was delighted to find nearly a quarter of the menu was vegetarian. The dishes primarily feature combinations of chick peas or lentils with various vegetables and spices. In an adventurous mood, I opted to try something other than these familiar legumes and chose instead "Atakil" a sweet potato-like vegetable cooked with green beans, potatoes, carrots and onions. While these other vegetables were not abundant, the combination of spices and the mild flavor of the atakil were pleasing enough.

Upon first glance, the entrees seem quite small, but in combination with the bread, the meal will stick to your insides, and fill you up for about \$10 a person.

Bangkok City was an experience in attentive service, with a price tag to match. The quiet, nicely decorated restaurant sits among a collection of similar restaurants along the stretch of Massachusetts Avenue just past Boylston. The service and decor come with a price tag to match, but fortunately the meals were sizable enough to not leave me grumpy. The wait staff was quick to make recommendations, refill drinks, and bring out fresh rice (be warned, the rice refills are not complementary, and can result in a surprise when receiving the bill). The food is in many cases spicy, but not to the extent of overpowering the flavors of the food itself. Again there were many veggie options, my choice being a combination of fried eggplant and tofu mixed with assorted vegetables, all cooked to a very tender consistency. I have a considerable preference to brown sauces, and this was one of the best I

have had in recent memory. The tofu and eggplant, which I am also picky about, were nicely complemented by the aforementioned sauce.

All in all I would recommend both restaurants for a nice evening out. I do not know what peak hours are like, but when I visited during off-peak hours, I found the atmosphere of both restaurants to be relaxing and intimate.

The other day, in a flash of inspiration, I decided that I would try going vegan for a week or so and report to you, my loyal readers, what becomes of my experiment. I will keep a food log and report how I feel each day. So look for that coming up soon. In light of my upcoming change, I have looked into vegan recipes, and will share one which I intend to prepare in the upcoming week. One thing I do not want to give up is my desserts, so I found an easy vegan cake recipe to try. It is from the Depression era when dairy products were too expensive for most budgets. As always, please e-mail me with questions, concerns, and comments at veggie@the-tech.mit.edu.

Easy Vegan Chocolate Cake

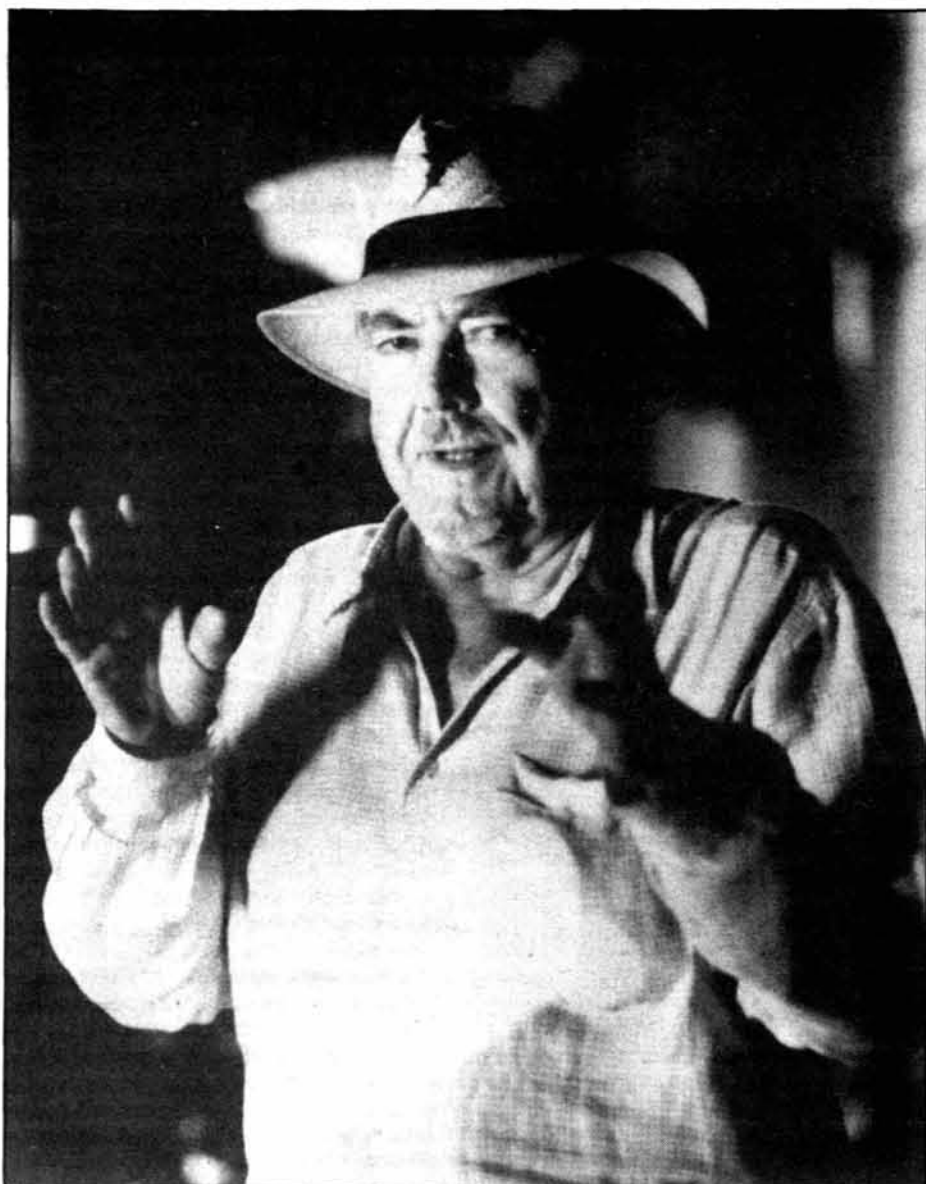
- 3 cups flour
- 2 cups sugar
- 6 tablespoons cocoa
- 2 teaspoons baking soda
- 1 teaspoon salt
- 3/4 cup vegetable oil
- 2 tablespoon vinegar
- 2 teaspoon vanilla
- 2 cups cold water

Frosting:

- One pound (one box) confectioner's sugar
- 1/4 teaspoon salt
- 1/3 cup (2/3 stick) margarine, room temperature
- 1/4 cup thin liquid
- 1-2 teaspoons flavoring, optional (usually vanilla extract)
- some drops of coloring, optional (juice of crushed berries works well)

To prepare the cake, mix the dry ingredients. Add the wet ingredients. Stir until smooth. Bake at 350 degrees for 40 minutes. Makes two layers of a two-layer 9-inch or 8-inch round cake, or one small sheet cake. When cool, frost it.

While the cake is baking, prepare the frosting. Mix the sugar, salt, and margarine in a very clean bowl. Add the liquid. Beat until smooth, adding more liquid if necessary. Use immediately and rapidly: spread over a cooled cake with a rubber spatula or blunt knife. Decorate the cake quickly, before the frosting hardens.

Robert Altman directs his most recent film *Cookie's Fortune*.

JOYCE RUDOLPH

MOVIE REVIEW

*Cookie's Fortune**Sweet Southern Lullaby*

By Roy Rodenstein

STAFF REPORTER

Directed by Robert Altman

Written by Anne Rapp

With Glenn Close, Julianne Moore, Liv Tyler, Charles S. Dutton.

Homecoming. That's what *Cookie's Fortune* feels like to a Robert Altman-watcher. Though Altman has aptly commanded genres from a black-comedy war film (*M*A*S*H*) to a ravishing thriller (*The Player*), this small story shows the director not just in full control but at ease.

Altman's latest is no cookie-cutter murder mystery. For one thing, there is no mystery—but that doesn't blunt the movie's wit in the least. For another, even when Willis Richland (Charles S. Dutton), an innocent black man, is thrown in jail for the alleged murder of Cookie Orcutt (Patricia Neal), a rich elderly white woman, the audience rests easy. Maybe it has something to do with the police lieutenant keeping the cell door open and playing scrabble with the accused, dressed down to what might only leniently be called civilian clothes. "How can you be so sure he's innocent?" the lieutenant is asked. "Because I've fished with him," he replies.

Cookie's Fortune has a lot of fun with the genre. The innocent, Willis Richland, is shown wandering drunkenly around town and handling guns in front of old Cookie, but this set-up is intentionally misleading. Cookie and Willis are the best of friends, and when she is found dead the next day, it's only through Camille Dixon's (Glenn Close) spite that Willis becomes a murder suspect. The police lieutenant is not the only person to join Willis

in his cell: young Emma Duvall (Liv Tyler), who confesses to enough crimes to warrant most-wanted criminal status in the little town, is also grudgingly allowed to hang around in jail and keep him company. Camille herself is a woman hilariously disconnected from the world. Like Beverly Suthpin in John Waters' *Serial Mom*, Camille simply has no concept of right and wrong, probably does not even know that such concepts exist, and this freedom allows for some great broad comedy.

Cursing at Cookie's body, stealing from the dead, and terrorizing her mousy sister Cora (Julianne Moore), are all in a day's work for Camille; not that she's actually any good at covering up a crime. Her zeal for plotting flows easily from real-life deaths to the stage, where she directs the town's version of "Salome, by Oscar Wilde and Camille Dixon." Camille is, in short, a quick-witted numbskull. In reverse, Cora is slow-witted, but she catches on with a vengeance.

The usually juicy ensemble Altman has at his disposal this time includes old standbys like Ned Beatty as the loyal lieutenant and new starlets like Chris O'Donnell and Liv Tyler as a sweetly frisky couple: he is the very novice cop, Jason Brown, and she is the town stray, Emma Duvall. When Emma jumps into jail to comfort Willis, the young lovers are kept apart. Well, they would be, if the cell door weren't open and the nook behind the pop machine weren't invitingly deserted. Courtney B. Vance, on the other hand, heads the murder investigation with full seriousness as investigator Otis Tucker, even in the face of come-ons by both fellow officers and witnesses during questioning. Meanwhile, soft-spoken Willis sits in jail, protesting his innocence by day, smiling in cozy self-assurance by night. Lesser roles, such as the folks at the local bar, also pack a punch.

The dialogue is regularly smart in Anne Rapp's first screenplay. The movie benefits from her experience as script supervisor in such films as Lawrence Kasdan's *The Accidental Tourist* and David Mamet's *Things Change*. The real bonus, though, is Altman's treatment of each scene as a small treasure. Some, such as a delectable sequence involving a boy, an Easter-egg hunt, and a murder weapon, could be dropped right into *Monty Python*. Others, like Lyle Lovett's squalid catfish salesman fixing up an abandoned train car for Emma to live in, are refreshingly different. *Twilight Zone* or *Family Circus*, Altman's sense for variations on the bizarre keeps things rolling. The final scene may be too far out for some to buy, resting as it is solely on spunk provided by Close and Altman.

As out-and-out enjoyable as the movie is, its few problems stand out distractingly. Though Patricia Neal's performance as Jewel Mae "Cookie" Orcutt is affecting, its tone is just too different from the rest of the movie, and the complete lack of characterization of her dead husband Buck makes her longing for him an artifact. It's likely the filmmakers knowingly jeopardized consistency in reaching for some emotional depth. Another unfortunate aspect is the movie's neat tying up of ends at its conclusion with several random surprises. The town's tender cohesiveness was magical enough without such manipulation. These flaws are unsavory drops in a small film that's a refreshing glass of sweet iced tea.

MUSIC REVIEW

*State of the Airwaves**Feeling Dizzy, Heavy and Lit Up*

By Daniel J. Katz

STAFF REPORTER

Looks like the newest trend on the mainstream rock scene is simultaneous multiformat releases. Collective Soul and the Goo Goo Dolls are each currently promoting two different singles, one for rock radio and one for pop radio. The Goo Goo Dolls' big song right now is "Dizzy," a hummable rock tune with a quietly fuming guitar line. While it's not a perfect song (too much of it is devoted to repetition of the chorus), it's better than their lighter single, "Black Balloon," which tries to be slow, haunting, and beautiful. It only accomplishes the first. Collective Soul's light pop release, "Run," is much more successful, with nicely understated slide guitars and a nice acoustic rhythm part. But the big winner here is Collective Soul's "Heavy," currently a mainstay on Billboard's Modern and Mainstream Rock charts. With its crunchy riff and nifty melody, "Heavy" shows power that the band hasn't put into a single since "Gel." Keep it up, boys.

I suppose that if you've been living inside an incredibly deep cave for the last few months holding your ears, there's a minuscule chance that you haven't heard Sugar Ray's "Every Morning" (which may eventually have driven you to do just that). While it's not the most brilliant song ever to hit the radio, give them credit; it's about a thousand times deeper than "Fly," the band's earlier pop hit. Which brings me to Citizen King's "Better Days (And The Bottom Drops Out)," which is extremely similar to "Fly," but with more feeling and more earthy rhythm. Sugar Ray is in actuality a hard rock band that releases pop singles, but Citizen King's tune is honest, entertaining, and all in all, an excellent first effort.

Nice to see some mainstream coverage for the Lo-Fidelity Allstars, whose version of "Battleflag," featuring Pigeonhead, is

now a buzz clip on MTV. The song starts with a dark tone that evokes thoughts of a barren wasteland before a sharp keyboard riff kicks in under the slick British vocals. This single's been out for a while now, and while it's odd that MTV only just picked it up, better late than never.

- Time for a look at the Kornesque bands that the kids love so much. Kid Rock scores with "Bawitdaba," a sinister rap-rock ditty with scat lyrics that sound like a Marilyn Manson rendition of "Rapper's Delight." On the other end of the spectrum, Staind, the newest member of Korn's label, Elementree, bores with "Just Go," a mediocre attempt at combining the angry volume of Korn with the style of Limp Bizkit, ending up with a big mess.

- Counting Crows and Counting Fauxs are seeking airplay at the moment. Counting Crows has an excellent song on the soundtrack to *Cruel Intentions*; My Friend Steve has a new single on which they sound completely identical to Counting Crows. How do you tell the difference? The latter isn't any good.

- Buckcherry's "Lit Up" brings back memories of a time when the Black Crowes made music that didn't plod along. It's a solid package of skillful drumming, powerful guitars, and energetic vocals. This one's a keeper.

- And in closing, a correction from last week. Baz Luhrmann's "Everybody's Free (To Wear Sunscreen)" is not in fact, based on a Kurt Vonnegut speech, as was circulated through a massive e-mail chain over the last year. The lyrics are actually from an editorial newspaper article. But more important than the source, is this universal truth: the song's irritating as all hell.

- Have any comments or suggestions? E-mail airwaves@the-tech.mit.edu. Until next time, have a good week and keep expanding your horizons.

CONCERT REVIEW

*moe.**Lowercase and with a period does not a band make*

By Joel Rosenberg

ARTS EDITOR

April 9, 1999

Avalon Ballroom

1: drumz > St. Augustine, Time Again, Spine Of A Dog, Spaz Medicine, Meat

2: Timmy Tucker, Head* > Moth, Time Ed

E: Buster

* With "Mexico" tease.

Got a call last week from moe.'s publicist asking me to cover the show at Avalon last Friday. When I requested the complementary "plus one" on concert tickets, he told me he couldn't do it, but that tickets would only be \$10. I figured I'd go and split the cost with a friend. I had seen moe. before at the Paradise and hadn't been all that impressed. But that was the night the Paradise got a new sound system, which pushed the start

time back about an hour, and during the show one of the speakers caught fire. After the extinguisher filled the room with a white haze, moe. came back with Jimi's "Fire," altered to "Let me stand next to your speaker fire." I was willing to give them another shot.

Three friends wanted to go see the show, which started at 7p.m. ("In by 7, out by 10" the publicist had told me), but one was late getting home, and we ended up not getting there until around 8. I went in through the guest list door, while my friends paid for their tickets—\$15. Looking at the press release they faxed to me in March, the advance and door ticket prices are the same: TBA. Apparently the publicist wasn't the final announcer.

Avalon was packed, which is really a lot of people. We got into moe.'s groove, but only for a few minutes, since we had missed most of the first set. I reserved judgement, and

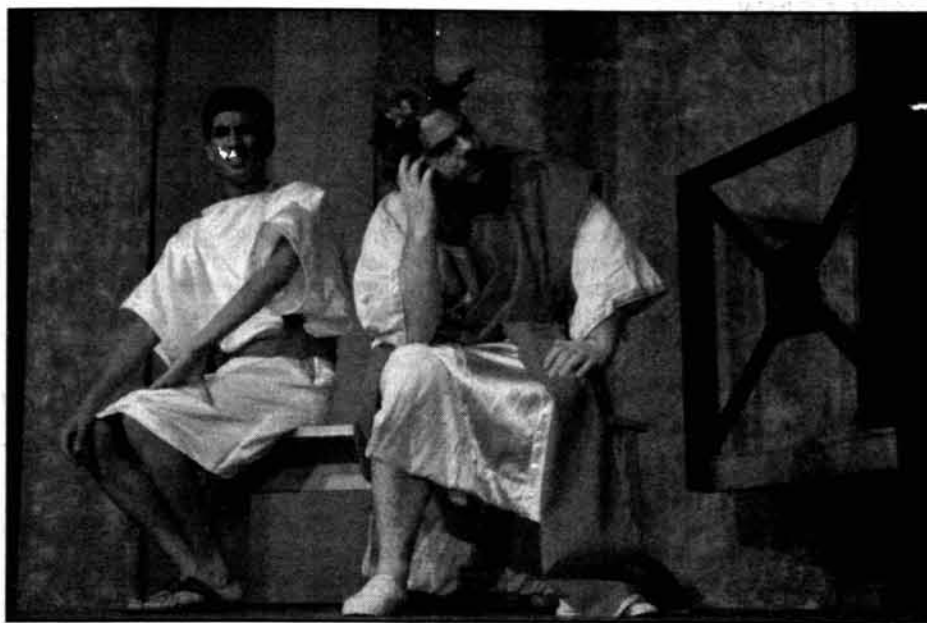
spent set break looking around at the crowd and funky poetry scrawled on the walls. A friend returned from the bar as the second set was starting, and as one of moe. (not sure who) started telling a story, my friend also started telling a story about a drunk girl at the bar who asked the Barbie-esque bartender for a "full" beer, since her 12-ounce plastic cup wasn't topped off. The bartender gave the girl a look, went to the box of empty bottles, took one out and examined it, and dumped the lingering drop into the girl's cup. My friend then paid a ridiculous \$5.75 for a drink.

Figuring I'd ask someone for moe.'s story after the show, or get it off their web site or something, I just started listening to the music. After about an hour of repetitive jamming interrupted by annoying vocals, we were all bored. Following the encore (2.5 hours of playing gets you an encore), one of moe. (not sure who) announced that there were tickets available for the Saturday night show at Hammerstein in New York City, and invited us down. Opening the next night were Banyan, featuring Stephen Perkins from Jane's Addiction and Rob Wasserman from Rat Dog. "They'll probably be better than moe.," I said during one of those

momentary lapses of sound. I was right in front of several professional-quality tape recorders, as proliferate these kinds of shows, so there will be moe. tapes out there (probably not heavily traded) that speak ill of moe..

These guys are trying to be Phish when Phish isn't being Phish, and taking advantage of the people who really just want to see Phish. Perhaps that's harsh, but kids get jacked for dollars from the really good bands, and don't need the imitators jacking them too. After overcharging, moe. played longer than they have the skills to keep interesting, which was listened to out of financial obligation. There are plenty of "jam bands" more worthy of your time and money.

I never did get that story, and the setlist, which I got from <http://www.moelinks.com>, is above, though to me it just sounded like one long song. On the way home I noticed that my over-21 wristband said "Party smart." I felt stupid for partying expensively, which doesn't seem like it's going to let up. If you shell out \$150 for Woodstock '99, you might have a chance to see moe., since moelinks reports they'll be playing. Maybe their publicist can get me in.



KRZYSZTOF GAJOS—THE TECH

Hero (Anand Sarwate '01) and Senex (Matt Brown '02) each question the other's relationship with the new "maid."



REBECCA HITCHCOCK—THE TECH

Stephen Peters '92 swallows a potion to make him appear dead.

ON CAMPUS

A Funny Thing Happened On the Way to the Forum

A Comedy Tonight

By Vladimir Zelevinsky
ASSOCIATE ARTS EDITOR

Presented by the Musical Theater Guild
Directed by Sheridan Zabel
With Stephen Peters '92, Seth Bisen-Hersh '01, Anand Sarwate '01, Jessica Hinel '02, Matt Brown '02, Irene Wilson '98, Bruce Applegate '94, Ryan Caveney '96, Ira Gerhardt '99, Yamini Jagannath '01 Sara Jo Elice '01, Stephanie Sharo '99, Welkin Pope '00, Teresa Raine '98, Stacy O'Connor '99, Corey Gerritsen '02 Aaron Moronez '99 Kevin Choi '01, and John van der Meer '72

I'm glad that I'm not a professional art critic. If I were one, and I saw something like the latest Musical Theater Guild production, *A Funny Thing Happened on the Way to the Forum*, I would have to frown, and start a sophisticated elaboration on why this production doesn't work. I would mention that the production lacks a cohesive style, that the tempo is uneven, and that there is very little internalized acting to be seen, with the cast pretending rather than acting.

The great thing is that nothing of the above matters. The opening song proclaims the show's only ambition — to be funny. And funny it is, wildly so, completely sweeping aside most of the serious-minded objections.

The story, taking place in Ancient Rome, is set in motion when a middle-aged couple, Senex (Matt Brown) and Domina (Irene Wilson), leave for vacation. It is left to their slave-in-chief Hysterium (Seth-Bisen Hersh) to take care of the household while their only son Hero (Anand Sawarte) is in charge of their other slave, Pseudolus (Steve Peters). The thing is that Pseudolus wants to be free — and he is willing to do anything to further his aim. That includes obtaining the affections of Philia (Jessica Hinel), the girl next door, for Hero. The problem is that the house next door is a house of courtesans, owned by gregarious Marcus Lycus (Ryan Caveney), and Philia, being a virgin, would cost a pretty penny. Or, instead of the money, some devious plotting.

So Pseudolus rushes headfirst into intrigue and manipulations, with things getting more

and more out of hand at every turn of the plot. Pseudolus covers his tracks with perpetual lies, making things increasingly more complicated and funny with each step. Soon, all of the city is involved in the crazy plot, from the courtesans next door to the hapless Hysterium to the valiant Roman general Miles Gloriosus (Bruce Applegate). Miles is hopelessly infatuated with himself, and this love is requited and has no adversaries.

The plot is ingenious, and the MTG production goes squarely for the plot. It's assuredly paced, with every single twist being clear both in its origins and consequences. Every actor works directly for the audience, with very little

genuine or realistic emotion. The result ranges from merely amusing to truly hilarious. It's also very impressively mounted, with lots of physical action, some of it downright amazing. The slapstick and pratfalls look effortless and easy, a sure sign of long and painful rehearsals.

Since the production aims at nothing more (and nothing less) than telling a humorous story, it's a great relief that the production can hold the attention of the audience for all of its two and a half hours.

Most of the credit goes to the creators of

the show, Stephen Sondheim, Burt Shevelove, and Larry Gelbart, but director Sheridan Zabel deserves applause as well. He transforms the amusing literary material into a hilarious comedy. The song "Everybody Ought to Have a Maid" is decently written, but in Zabel's production it gets a simple and elegant twist, becoming funnier every minute.

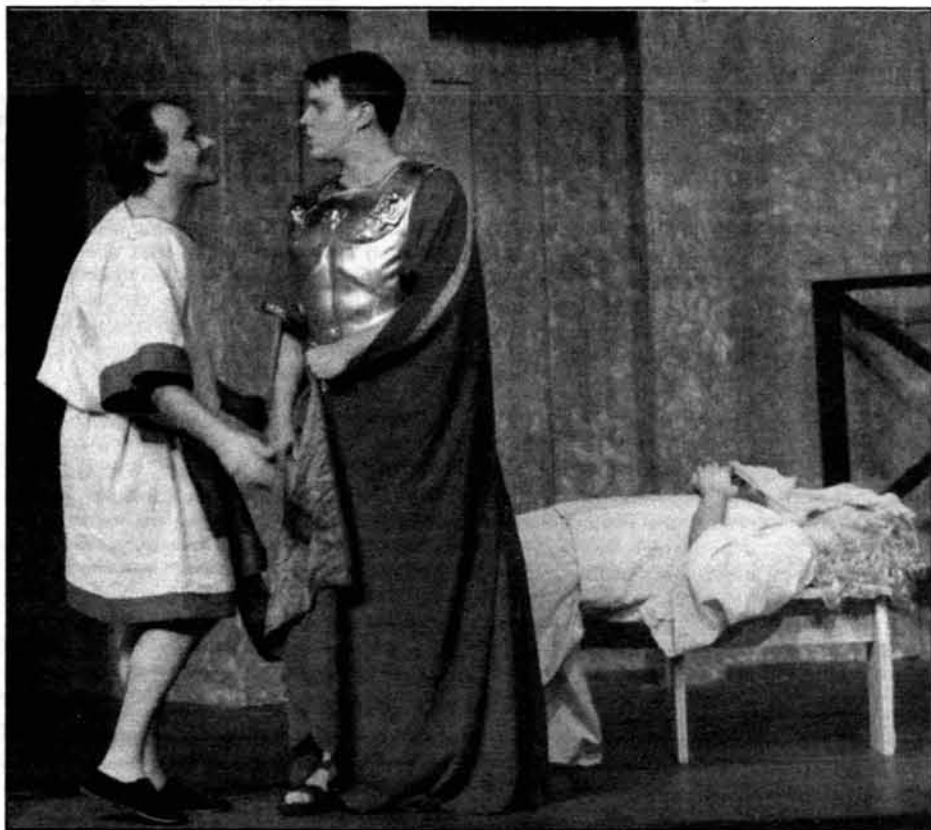
But when it comes to the music, the production is lacking. The singing is fine with Irene Wilson's assured and skillful voice being the stand-out achievement. It's the orchestra which is problematic.

I saw the show on the opening night, and the weakness could be chalked down to little rehearsal time. But to tell the truth, the orchestra in *Forum* is decidedly unimpressive, with neither the solo parts nor the ensemble work being very musical. It's not a good sign when the audience laughs during the overture, especially since it isn't meant to be funny. It comes as a big disappointment, especially after the excellent orchestra work in MTG's last production, *She Loves Me*.

At least the orchestra is hidden behind the set, so the music doesn't interfere much with the singing, and it's only during the purely instrumental portions of the score that it gets distracting.

It would be curious to see *Forum* with some genuine acting. What if Pseudolus' love for freedom, Hero and Philia's love for each other, and Miles' love for himself would be implicit as well as explicit? Then there might be some more authentic feeling to *Forum*.

But just by being simply and consistently funny MTG's production is an impressive achievement indeed. There was a 1966 movie version of this very musical, directed by Richard Lester and with Zero Mostel as Pseudolus. This movie is elaborate, frenzied, incoherent, and in general tries much too hard to please. The MTG production is, on virtually every level, better. Thus the old rule that MTG productions of Sondheim shows are enjoyable still holds.



KRZYSZTOF GAJOS—THE TECH

Pseudolus (Stephen Peters '92) bargains with Miles (Bruce Applegate '94) while Hysterium (Seth Bisen-Hersh '01) feigns death.

MOVIE REVIEW

Twin Dragons

One Chan Too Many

By Vladimir Zelevinsky
ASSOCIATE ARTS EDITOR

Directed by Tsui Hark and Ringo Lam
With Jackie Chan, Maggie Cheung, Nina Li Chi, Teddy Robin Kwan

There's nothing quite as dangerous as success, especially in Hollywood, where every inspired work is followed with insipid imitations (*Die Hard* fill-in-the-blank). The studios won't stop at anything to make a quick buck; and this probably explains the theatrical release of *Twin Dragons*. After the phenomenal success of *Rush Hour*, Jackie Chan suddenly became a hot property — strangely enough, since his earlier USA-released films (*Supercop*, *Operation Condor*) are vastly superior. So

what we have now is a 1992 Hong-Kong action comedy, dubbed and dusted up. The picture is, unfortunately, a mess. *Twin Dragons* is perhaps the weakest Jackie Chan film released stateside, largely unexciting and uninvolved, and the feeling is that we're scraping very close to the bottom of the proverbial barrel.

One of the reasons for this is that *Twin Dragons* is not an action comedy. Chan is entirely in his element when he unleashes spectacular stunts and martial arts sequences, performing feats seemingly impossible for the human body. In this, Chan demonstrates himself to be a true heir of silent screen comedians, and his self-effacing persona is not very far from that of Buster Keaton. In a word, Chan doesn't need to be funny to be funny — he already is, and at his best it's impossible not to laugh out loud at the sheer joy and exuberance at which he dazzles the audience.

Very little of this is to be found in *Twin Dragons*, because this film is primarily a comedy — a silly slapstick comedy of mistaken identity. You see, there are these two

twins, who get accidentally separated at birth. One of them grows up to become a car mechanic and a kung-fu aficionado. Another becomes a famous classical musician. Of course, soon they cross paths, and keep crossing, and crossing, and crossing. Their girlfriends mix them up! The gangsters mix them up! The musician has to participate in a car chase, and the car mechanic has to conduct the orchestra!

Throughout all this, the audience has to suffer through a particularly laborious series of gags, each thrown at the screen not because it rightfully belongs there because of the plot or the characters; no, all of it is done only to elicit a chuckle. More often than not, this fails, causing more embarrassment than enjoyment.

Most of it simply makes no sense, from the ultra-artificial screenplay to the impossible coincidences to the weird telepathic link between the twins to the extremely annoying antics of supporting players to the fact that very little we see makes any sense whatsoever. Only the radiant Maggie Cheung, playing a largely thankless part of one of the girlfriends,

manages not only to escape with her dignity intact, but also to invest the rest of *Twin Dragons* with some authenticity.

All of this is exacerbated by the usually atrocious dubbing to the spotty editing to the sad fact that the film is seven years old and the images start to look a bit worn-out and dirty.

A few things in *Twin Dragons* work, so it's not a total loss. The way the film puts two Jackies into a frame is usually highly accomplished and inventive; in some shots, it's clear we're witnessing a special effect, but mostly it's seamless and the interactions feel very natural. The art direction is aces, with every setting having its own feel, from the glass-decorated club to the rusty mise-en-scene of a shipyard to the car factory.

It's during the car factory finale — or, to be more precise, the second half of it — that the things finally go right: the last battle is classic Chan, with superb physical timing and grace. But by this time this is not quite enough to save the movie. Jackie Chan is funnier when he doesn't try to be funny, and in *Twin Dragons* he tries a bit too hard.

Scoop

By Teresa Huang

STAFF REPORTER

Scoop is back! Didja miss it? For the uninitiated, Scoop is your weekly guide to the latest and greatest happenings around the town, on screen, and online. Read this column, swear off Athena for a day, and have some fun this weekend. There's more to life than XSL processing.

Seafood with a tropical twist

Why shouldn't seafood be fun? The Legal "C" Bar, located on the first floor of the Park Plaza Hotel, is owned and operated by Legal Sea Foods, though you couldn't tell from looking around the place. Colorful lights, surf boards, and flower leis decorate this unique restaurant, which serves top quality seafood with a Caribbean twist. Start with the coconut shrimp with orange-ginger sauce or the crab and avocado quesadillas, but be sure to leave room for the "Pan Do" Mixed Fish Fillets with creole ratatouille and West Indies hot sauce or Zailda's Brazilian Style Red Snapper Fillet. The "C" Bar even has Jamaican Jerked Bluefish. Who could ask for anything more, really? The Legal "C" Bar will close its doors forever in May, so put on that new Hawaiian print shirt, grab some friends, take

the Green Line to Arlington, and experience seafood like never before.

Culture on a budget

The summer scene in the theater district is starting to shape up, with big names like *Chicago*, *Titanic*, and *Rent* coming to Boston. If you're lacking the dough for tickets, keep an eye on the listings at BOSTIX, a local service that offers half-price tickets for same day theater performances. Visit their booths in Harvard Square, Copley Square, or Faneuil Hall, or check listings online at boston.sidewalk.com. Recent half-price offerings included tickets for *Ragtime*, *Blue Man Group*, and shows at the A.R.T. and Huntington Theater.

Which state has the lowest highest point?

For those of you mourning the fact that Moxy Fruvous won't be playing La Sala next month, rest assured that they'll still perform in the Cambridge area this spring. Catch Moxy Fruvous at the House of Blues in Harvard Square on Monday, May 3rd & Tuesday, May 4th. Tickets are available through Ticketmaster or from the House of Blues box office by calling (617) 491-2100.

Still not enough Moxy? See them again on Saturday, June 19, when they appear in the Guinness Fleadh Festival at Suffolk Downs in Boston. Showcasing the best in Irish and American music, this all-day concert event will feature four performing stages, an Irish Village that will offer "reflections of the Celtic

cultural renaissance," and probably a lot of Guinness. Other festival artists include Elvis Costello, Hootie & The Blowfish, Shawn Mullins, and Sixpence None the Richer. Visit the Festival website at <http://www.guinnessfleadh.com> for details.

It was a glass slipper...

Hands down, the ultimate chick flick of the year is *Ever After*, starring Drew Barrymore and Anjelica Huston, now available on video. This Cinderella interpretation features the most feminist-minded cinder girl to date as well as the most amusing royal family. The equal parts romance and adventure will leave you laughing, sighing, and cheering as Drew/Cinderella finds her way to true love.

Marathon Monday

Patriots' Day is one of the best perks of going to college in Massachusetts. It's a rare day off that your Yale friends don't get. Don't spend it at the library! Get outside and watch the 103rd Boston Marathon in downtown Boston. Call up your fraternity friends on Commonwealth Ave and invite yourself over. Track your running friends on the Boston Athletic Association Web site at www.baa.org. Walk around Kenmore Square and pick up some PowerBar samples. Enjoy!

Have a scoop to share? Email me at scoop@the-tech.mit.edu and join me here next week for more recommendations on what to do on the weekend. Same Tech time, same Tech channel.

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

200 Cigarettes (★★)

An opulent, stylish look at 80's stereotypes, the rather weak tale of a group of twentysomethings coping with life and their own personal demons on New Year's Eve is not a particularly well thought out story, but a rather well implemented one. Definitely worth seeing the ensemble cast (including such names as Christina Ricci, Ben and Casey Affleck, and Martha Plimpton) play a group of neurotic and pathetically humorous individuals searching for a way to enjoy themselves for an evening and not worry about anything the depressing implications of the year to come.

A movie that takes place in the 1981, but whose actual 80's influence draws from the entire decade. Well done, visually if not creatively. And anyone who doesn't want a ride in the plush-laden cab with a disco ball dangling from the rear view mirror needs to have their head examined. — Francisco Delatorre

8MM (★½)

Not even the writing of the gifted Andrew Kevin Walker can save this flop directed by Joel Schumacher. It is the story of a private detective whose inquiries into the authenticity of a snuff film reveal a grossly disturbing culture of pornography and violence. What he finds is not only that this culture provides a thriving environment for the morally vacuous, but that its implications and effects take a frightening toll on even the most virtuous of us.

Frightening, in its own regard, but the emotional impact is lost in the direction. Don't bother. — FD

Affliction (★★★½)

Nick Nolte plays a grown man still grappling with the ghost of his father's abusiveness. A sheriff in a small snowy town, he riles against the rich, against authority and against those who try to help him. For a long time the rage has been kept in check, but it won't hold forever.

Although some characters in the movie are one-dimensional; director Paul Schrader, working from a script by Russell Banks, puts together a very solid film. Nolte and Coburn, as his father, are astounding and harrowing, and keep the movie's loose ends together to make for a powerful experience. — Roy Rodenstein

Alaska (★★★½)

On the surface, a classic OmniMax nature-themed documentary, replete with grandiose nature shots and panoramic views of mountain ranges from the helicopter. Underneath — an involving story, using the turn of the seasons as an underlying plot-line and carefully observed animals as central characters. Unexpectedly, it's also downright hilarious, bursting with more humor than any other movie currently in release. — Vladimir Zelevinsky

Analyze This (★★)

A sorry sit-comish excuse for a comedy, with Billy Crystal engaging in so much tiresome shtick as a burned-out shrink, analyzing an overstressed mafia boss played by Robert De Niro. Not enough humor, not enough story, and more than enough gratuitous violence. However, De Niro, in a rare comedic appearance, almost makes this movie worth watching. — VZ

Cookie's Fortune (★★★½)

Cookie's Fortune finds Altman self-assured, relaxed and having fun, and his customary great ensemble in similar spirits. Catfish enchiladas, Wild Turkey, and gun-cleaning are the bonds between Willis (Charles S. Dutton), an innocent man suspected of murdering Cookie (Patricia Neal), and the sleepy town of Holly Springs, Mississippi. Glenn Close is the mastermind behind the madness, with Julianne Moore, Ned Beatty, Liv Tyler, and Chris O'Donnell holding nothing back in this nutty south-

ern lullaby of a thriller. The little depth here seems forced, but for sheer homey fun, look to the Cookie. — RR

Cruel Intentions (★★)

A millennial remake of *Dangerous Liaisons*, Ryan Phillippe and Sarah Michelle Gellar play rich young socialites moving from conquest to conquest. Selma Blair and Reese Witherspoon play their naive targets. Twisted happenings, sex, innuendo and humor pepper the sadists' futile attempts at happiness.

While all the actors are decent in their roles, the roles are almost completely one-dimensional. The plot occasionally reaches cruel and comedic heights, but regularly stumbles and becomes exploitative. The rapport between Gellar and Phillippe, and Witherspoon's acting talent, are the most rewarding aspects. — RR

The Deep End of the Ocean (★★½)

When their middle child is lost, Beth and Pat Cappadora (Pfeiffer and Williams) go the distance searching for him, and fail. The tough choices only begin, however, when young Ben turns up nine years later as another man's adopted son. Though the plot tends toward melodrama or mere simple-mindedness, it reaches occasional insights. Buoyed by a game cast steered by firecracker Whoopi Goldberg, it wisely relies on the children to create the most affecting scenes. — RR

The Dreamlife of Angels (★★★)

In his feature film debut, director Erick Zonca's unadorned direction serves him well. A film about the intersection between selflessness and selfishness, and the real boundaries found even in intimate relationships, *Dreamlife* rises above typical 90's apathy. Isa (Elodie Bouchez), a young woman bouncing between odd jobs, befriends Marie (Natacha Regnier) and shares the house she is sitting for a mysterious girl in a coma. Decisions about jobs, boyfriends and truth to oneself are usual fodder, but complex characters and fresh performances all around, particularly from leads Bouchez and Regnier, enliven this fiery slice of life. — RR

EDtv (★★½)

Highly agreeable and totally inoffensive story about a man who agrees to be a subject of an around the clock reality-based TV show. It's pleasant, for a change, to see a movie which is done competently: Ron Howard's direction is smooth, and some acting, especially that of the leads, is very proficient. But the bland story keeps spinning its sitcom wheels, ultimately forgetting that it originally set out to satirize cheap entertainment. — VZ

Elizabeth (★★★)

A remarkable visual achievement, this story about one of the greatest rulers of England ever is told by withholding the epic scope and concentrating on the essential details. The great cast, headlined by Cate Blanchett in a commanding titular performance and ably supported by Geoffrey Rush as her chief assistant, works extra hard to create vivid characters from the rather overwritten and overplotted screenplay. The finale, with ethereal music by Mozart, is stunning. — VZ

Forces of Nature (★★)

Forces of Nature is a pretty lame excuse for a romantic comedy. Despite recruiting such talent as Ben Affleck and Sandra Bullock, director Bronwen Hughes is unable to create a coherent and engaging movie. There is very little comedy, even less romance, and absolutely no realism offered in this film. Unless you are a die-hard Sandra Bullock or Ben Affleck fan, this movie is not worth your \$8 and two hours. — Vanessa Yen

Go (★★½)

Pulp Fiction Lite, no fat and no calories. It's lively, wild, frantic, bright, and thoroughly engaging. It's also totally inconsequential and largely unmemorable. Following a bunch of young Californians trying to get some cash, do and deal some drugs, score money and sex in Las Vegas, and generally experience the rush of life, *Go* charts three separate stories. Each of these stories is exciting, clever, and unexpected. But there's no empathy in them, and the characters don't seem to have gained anything from their experience. — VZ

God Said "Ha!" (★★★)

A single extended monologue by Julia Sweeney, formerly know as Pat on *Saturday Night Live*, it is a story of one year of her life when everything seems to be going wrong in the worst possible way. And yet, the movie alternatively hilarious and poignant, and, at some high points, it's both. The connection between the audience and the narrator feels intimate and immediate, and the hour and a half passes in what feels like ten minutes. As always, it's life that tells all the best stories. — VZ

Gods and Monsters (★★★★)

A beautiful and chilling tale of James Whale, famed film director. Ian McKellan plays Whale, a mentally failing, physically frail old man who finds a friend in Clay Boone, played by Brendan Fraser. The film documents the last few months of his life, his evolving friendship with Boone, and the process of his self-destruction and how it affects and strains the relationships of the other characters in the film.

Visually impressive, well written, and definitely worth seeing. Extraordinary. — FD

Goodbye, Lover (★★)

What do you get when you cross film noir with a film-noir spoof? You get *Goodbye, Lover*, a movie that swings wildly between funny and muddled. Patricia Arquette stars as Sandra, a church volunteer and real-estate agent who uses the houses as exotic locales for her affair with her husband's brother. Got all that? Murder, double-crossing and a double indemnity are part of the mix, with wise-cracking Sgt. Pompano (Ellen DeGeneres) to keep things moving. In the end this strange concoction can't support both genres, but as long as it sticks to spoofing it's refreshingly entertaining. — RR

Life is Beautiful (★★★★)

Most reviewers praise the second half of this Italian tragicomedy — the serious half. While it certainly has its merits, it's the first hour which really makes this film so remarkable. With its gentle whimsy, subtle satire, and unabashed romanticism, this is the stuff of which the best romances are made. There are also classically gorgeous visuals, memorable score, and elaborate visual and verbal gags aplenty. — VZ

Lock, Stock, and Two Smoking Barrels (★★★½)

If you're looking for depth and emotional intensity, look further. If you want to watch a downright enjoyable movie, this is it. The story of a group of "honest criminals" and how they get mixed up in the London crime, drug, and gambling underground is a complicated one at best, but its fantastic use of music, dialogue, and cinematography makes this comedy a must-see. — FD

The Matrix (★★★★)

A wildly imaginative ride. The plot is nicely complex, the visuals and the special effects are out of this world. As the computer hacker Neo (Keanu Reeves) dashes through a succession of interlocked dreams in the quest to find true reality, the film launches into a full-throttle mode of inventive action sequences. By combining the cyberpunk ethos with the anime style, *The Matrix* breathes new life into the genre of sci-fi action films. — VZ

The Mod Squad (★★)

With a game cast and plenty of that 70's sensibility, down to the camera bouncing in synch with the cheesy sound effects, *The Mod Squad* achieves its objective quite well. The only problem is that plot and characters lifted straight from the small screen don't fill the big screen. Explosions and abandoned warehouses are the name of the game, with maybe a crooked cop thrown in for good measure. With Giovanni Ribisi stealing every scene he's in, which is fortunately practically the whole movie, *The Mod Squad* may be right up your alley. Just don't go in expecting any kind of plot or character development that you wouldn't see in an episode of a 70's TV show. — RR

Rushmore (★★★½)

A breath — or, rather, make it blast — of fresh air. This is an offbeat comedy, an offbeat buddy film, an offbeat romance, and an offbeat revenge story. Or none of these things. Mix up some wildly varying comic elements, combine them with some

of most deliciously deadpan acting in recent memory, add highly imaginative and inventive usage of widescreen format — and get *Rushmore*, which is just about the least conventional and yet solidly enjoyable movie to come out recently. — VZ

Saving Private Ryan (★★½)

For all the sound and fury unleashed by Steven Spielberg in this WWII action drama, the result signifies more or less nothing. Other than two majestic battle sequences (first half and hour and last half an hour), which have taut pacing, amazing visuals, and taut direction, the rest is lackluster. The story doesn't build toward much, the few character arcs are either barely existent or utterly obvious, and the acting is passable at best. It's certainly highly watchable, but even this is somewhat of a problem, since it turns the horrors of war into exciting spectacle. — VZ

Shakespeare in Love (★★★½)

What a difference does a good screenplay make! This one, co-written by Tom Stoppard, is funny, witty, unapologetic in its gags, and completely earned in dramatic romanticism. The resulting film displays uncanny verisimilitude in recreating Elizabethan England in all of its ungainly squalor and demonstrates nothing else than the genesis of true art — from such humble beginnings as want, dirt, hate, envy, and lust, as well as love and hope. — VZ

Tango (★★★½)

The story of Mario, the director of a tango dance performance, *Tango* has plenty of screen time for dancers, but also makes room for musicians and actors. Mario falls in love with the troupe's sponsor's girlfriend, and the sponsor is not the kind to be messed with. Less concerned with a traditional love story, the film instead concentrates on the tango, danced in a dozen different settings and used to depict key periods in the history of Argentina. Dealing with people of all ages, *Tango* is also about memories and desires. Along with a solid plot, the masterful musicians and vibrant dancing make this movie a thorough delight. — RR

10 Things I Hate About You (★★★)

A fresh and funny *Clueless*-style update of Shakespeare's *Taming of the Shrew*. Despite adhering to the overused clichés of high school romantic comedy, *10 Things* manages to be consistently funny and romantic, producing a good deal of memorable images, highly quotable if unprintable dialogue, and a lot of honest emotion. Acting of the leads is top notch, most notably that of Julia Stiles as an acerbic-tongued Kate. — VZ

Thrill Ride (★★½)

One third exhilarating, taking the audience on the wild rides through the worlds created solely by the artists' imagination and state-of-the-art technology. One third innocuous, with rather bland "educational" footage of rollercoasters and motion simulators. One third nauseating, with the impressive computer-generating effects being artless and trying to conceal the fact that there's precious little substance beneath the flashy surface. — VZ

Twin Dragons (★★)

A 1992 Hong-Kong comedy with Jackie Chan playing separated at birth twins: a martial-arts skilled car mechanic and a classical musician. A lot of embarrassing and tiresome slapstick ensue, with almost everyone trying to be funny and ending up rather annoying. It's only during the final sequence that *Twin Dragons* gets close to the classical Chan mixture of physical grace and comic timing. For most of the time, this movie tries entirely too hard to be funny. — VZ

Waking Ned Devine (★★★½)

Charming comedy about a small town's quest for wealth. Nearly 7 million pounds is at stake in the Irish national lottery, and the sleepy village of Tully More pulls together to outwit the officials after the winner, one of the town's inhabitants, dies at the shock of being rich. Standing in their way are individual greed and fear of legal retribution, among others.

Overall, it is a wholly enjoyable, hilarious, and wonderfully written film. One of the best of 1998. — FD

Popular Music

Avalon
Next: 423-NEXT.
Apr. 20: Eve 6 (rescheduled from 2/24). \$12.
Apr. 22: RZA.
Apr. 23: Wilco + Vic Chestnutt. \$15.

The Orpheum Theatre
Ticketmaster: 931-2000.
Apr. 18: Neil Young. \$50-150.
Apr. 22: 1999 Kahlua Boston Music Awards. \$12, \$22, \$32 and \$50.
Apr. 26: Around the World Notis Sfakianakis. \$25-65.
May 3: The Cranberries. \$26.
May 4, 5: Sheryl Crow + Semisonic. Sold out.
May 15: Blondie. \$31, \$38.50.
May 16: Hole. \$26.

Berklee Performance Center
Ticketmaster: 931-2000
May 8: Jonatha Brooke. \$20.

Fleet Center
Ticketmaster: 931-2000.
Jun 14: Shania Twain. Sold out.

Worcester Centrum Centre
Ticketmaster: 931-2000.
Apr. 9: Marilyn Manson + Nashville Pussy. \$29.50.
May 15: Bill Gaither + Friends. \$24.50, \$17.50.

Tweeter Center for the Performing Arts (Great Woods)
Ticketmaster: 931-2000.
May 28: Lenny Kravitz + The Black Crowes + Everlast + Cree Summer. \$39.50 pavilion, \$25.00 lawn.
May 30: WBCN River Rave. Details t.b.a. on WBCN. \$29.00.
Jun. 5: Kiss Concert. Details t.b.a. on KISS.
Jun. 4: Natalie Merchant.
Jun. 11: Charlie Daniels Band + Marshall Tucker Band + Molly Hatchet. \$29.50, \$25 pavilion, \$15 lawn. On sale 4/18 at noon.
Jun. 12: John Mellencamp + Son Volt. \$46 pavilion, \$29.50 lawn.
Jun. 20: Journey + Foreigner. \$35. On sale 4/18 at noon.
Jun. 23, 24: J. Geils Band. \$39.50 pavilion, \$25 lawn.
Jun. 26: Allman Brothers Band. \$40.50, \$30.50 pavilion, \$25.50 lawn.
Jun. 29: Nickelodeon's All That Tour with 98 Degrees + Monica + 3rd Storee + No Authority + Aaron Carter.

Jul. 9: Tom Petty & The Heartbreakers. \$47.50 pavilion, \$26 lawn.
Jul. 12, 13: Phish. \$27.50. On sale 5/23 at noon.
Jul. 22: Bob Dylan + Paul Simon.
Jul 24, 25: 'N Sync + Five + Jordan Knight. Sold out.
Jul. 31: Steve Miller Band + George Thorogood and the Destroyers. \$32.50 pavilion, \$23.50 lawn.
Aug. 20: Allman Brothers Band. \$40.50, \$30.50 pavilion, \$25.50 lawn.
Aug. 28: WKLB's Country Music Festival featuring Alabama. \$29.50 pavilion, \$19.50 lawn.
Sep. 2, 3: Jimmy Buffett and the Coral Reefer Band. \$52, \$40.50 pavilion, \$27 lawn. Sold out.
Sep. 11: \$39.50 pavilion, \$29.50 lawn.
Foxboro Stadium
Ticketmaster: 931-2000
May 29: Dave Matthews Band + Santana + The Roots. Sold out.
May 30: Dave Matthews Band + Santana + The Roots. \$35.50.

The Middle East
Ticketmaster: 931-2000.
Apr. 16: Actual Proof. \$7.
Apr. 16: Sparklehorse. \$8.
Apr. 17: Mary Lou Lord. \$8.
Apr. 17: Rockett Band. \$8 adv., \$10 day of.
Apr. 18: Mercury Rev. \$10.
Apr. 18: John Fahey. \$7.
Apr. 19: Rubbertellie 2tet. \$6, \$5 students.
Apr. 19: Deadbolt. \$7.
Apr. 20: Jupiter Coyote and Heavy Metal Horns. \$8.
Apr. 20: Trans Am. \$8.
Apr. 21: Compulsive Gamblers. \$7.
Apr. 23, 24: Middle East NeMO '99 Music Showcase: Various music groups. \$7 for upstairs shows, \$8 for downstairs, \$20 wristbands available at the door.
Apr. 29: Dick Dale. \$12.
May 1: Babaloo. \$8.
May 9: WBCN Rock 'n' Roll Rumble - Local Band competition. \$7.

Paradise Rock Club
Next: 423-NEXT.
Apr. 16: Latin Playboys. \$15.
Apr. 23: Citizen King. \$5.
Apr. 24: Chapter in Verse - CD Release Show + Sara Wheeler. \$8.
Apr. 25: Unwritten Law + Spring Heeled Jack + Blue Meanies. \$8 adv., \$10.00 d.o.s.
Apr. 28: Pat McGee Band + Fighting Gravity. \$10.
Apr. 29: Jiggle the Handle + One

On The Town

A weekly guide to the arts in Boston
April 16 - 23

Compiled by Fred Choi and Joel M. Rosenberg
Send submissions to ott@the-tech.mit.edu or by interdepartmental mail to "On The Town," The Tech, W20-483.

Fell Swoop. \$8 adv., \$10.00 d.o.s.
Apr. 30: Bogmen. \$8.
May 6: Caedmon's Call. \$14 adv., \$16 d.o.s.
May 7: Robbie Williams. \$10 adv., \$12 d.o.s.

Axis
NEXT: 423-NEXT.
Apr. 16: Bindlestiff Family Circus.
Apr. 20. The Creatures. \$15.

Jazz Music

Regattabar
Tickets: 661-5000.
Apr. 13: Steve Lacy Trio. \$14.
Apr. 16-18: Ron Carter Quartet & Richie Hart Trio. \$14 Sun., \$16 Fri., \$18 Sat.

Sculler's
Tickets: 562-4111
Ticketmaster: 931-2000
Apr. 16-17: George Shearing Quintet. \$28.
Apr. 21: Harvie Swartz & Eye Contact. \$12.
Apr. 22: Humberto Ramirez. \$14.
Apr. 23: Nelson Rangell. \$18.
Apr. 29 - May 2: Bobby Short. \$28 Thurs. and Sun., \$32 Fri. and Sat.

BankBoston Celebrity Series
Tickets: 266-1200.
Performances at Symphony Hall, 301 Massachusetts Ave., Boston unless otherwise noted.
Apr. 18. Preservation Hall Jazz Band. From New Orleans. Program will be chosen at the concert and announced from the stage. \$25-\$42.
Apr. 28. America in Rhythm & Tune: The Ellington Tribute featuring The Lincoln Center Jazz Orchestra with Wynton Marsalis. Annual event, this year featuring the music of Ellington lead by Pulitzer-Prize winning composer Wynton Marsalis. \$30-\$45.

Classical Music

Boston Symphony Orchestra
Tickets: 266-1492. Tuesdays, Thursdays, Saturdays, 8 P.M.; Fridays, 1:30 P.M. \$23-\$71; rush seats \$7.50 day of concert, on sale Fridays from 9 a.m., Tuesdays and Thursdays from 5 p.m.. Free tickets for MIT students Tuesday evenings and Friday afternoons, call 638-9478 for availability.
Apr. 16-17: Bernard Haitink, Conductor. Maria Joao Pires, piano. Mozart, Symphony No. 35, Piano Concerto No. 9, Serenade No. 10 for thirteen winds. Sold out.
Apr. 22-24, 27: Seiji Ozawa, Conductor. Williams, world premiere of a new work. Strauss, 'Death and Transfiguration'. Bartok, Concerto for Orchestra. Sold out.

BankBoston Celebrity Series
Tickets: 266-1200.
Performances at Symphony Hall, 301 Massachusetts Ave., Boston unless otherwise noted.
Apr. 18: Mozarteum Orchestra of Salzburg. Hubert Soudant, conductor. Till Fellner, piano. Katharine Goeldner, mezzosoprano. Mozart, Symphony No. 29, Piano Concerto K. 503, Concert Arias, Symphony No. 36. \$30-\$48.
Apr. 21: Murray Perahia, piano. Bach, English Suite No. 5. Beethoven, Sonatas Nos. 6 and 14. Schubert, Sonata, D. 958. \$35-\$50.
Apr. 25: Evelyn Glennie, percussion. Works by Psathas, Albeniz, Masson, Volans and more. NEC's Jordan Hall, 30 Gainsborough St., Boston. Tickets, call 482-6661. \$35-\$42.



RICHARD FELDMAN

Blue Man Group, the Off-Broadway sensation appearing at The Charles Playhouse.

Boston Pops
May 4: Opening Night at Pops. \$50, \$75, \$130, \$175
May 5-7: Keith Lockhart, Conductor. Aiyano Ninomiya, violin. Tanglewood Festival Chorus, John Oliver, conductor. Glazounov, Violin Concerto. Flaherty and Ahrens, 'With Voices Raised'. \$17-33.

Dance

Tap and Flamenco Jam and Showcase
Apr. 17. The Dance Complex, 536 Mass. Ave., Cambridge, (547-9363), 8 pm, Tickets \$5.

Alvin Alley American Dance Theater
Apr. 20-25. Under the direction of Judith Jamison. part of the BankBoston Celebrity Series. At The Wang Theatre, 270 Tremont St., Boston. Tickets (800) 447-4700, \$35-\$55 (Sat. matinee, \$20-\$40.)

Champions on Ice
Apr. 18 at 2 pm, 7 pm, at the Fleet Center. This year includes Michelle Kwan, Brian Boitano, Todd Eldredge, and more. Tickets are \$35, \$50, \$65. Tickets through Ticketmaster: 931-2000.

Lord of the Dance
June 3, at 8pm, 4 at 8pm, 5 at 2pm and 8pm. The Wang Theatre. Tickets \$66, \$46, \$36, \$26 with \$61 as the top price for 2 p.m. Tickets from Telecharge, 1-800-447-7400, or Wang Theatre box office.

Theater

Blue Man Group
Charles Playhouse, 74 Warrenton 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 Warrenton 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.

The Who's Tommy
This return of the Tony-winning multimedia production of the 1969 rock opera by the Who's Pete Townsend (with book by Townsend and director Des McAnuff) is billed as a celebration of the 30th anniversary of the release of the original album. "Set in Britain between the end of World War II and the late 1960s, Tommy chronicles the adventures of young Tommy Walker," who survives sexual abuse and autism to become a pinball wizard. Worth Gardner is at the helm, with musical direction by Scot Woolley; the show features a cast of 20 Broadway talents and an on-stage orchestra. At the Colonial Theatre, 106 Boylston Street, Boston (931-2787), April 13 through 25. Curtain is at 8 p.m. Tuesday through Saturday and at 7:30 p.m. on Sunday, with 2 p.m. matinees on Saturday and Sunday. Tix \$26 to \$70.

Boston Theater Marathon
The Boston Playwrights' Theatre, supported by a grant from the BU Humanities Foundation, sponsors the first annual Boston Theater Marathon, to take place just one day before the one with all the runners. The BTM will offer 10 continuous hours of theater consisting of 40 new 10-minute plays written by 40 area playwrights and produced by 40 local theater companies. Participating playwrights include Alan Brody, Laura Harrington, David Mamet. At the Boston Playwrights' Theatre, 949 Commonwealth Avenue, Boston (353-5443), April 18. Hours are from noon to 10 p.m., with a party to follow. All-day pass \$15 in advance; \$20 day of performance. All net proceeds to benefit the Theatre Community Benevolent Fund, which provides emergency medical funds to Boston theater artists (additional contributions accepted).

Exhibits

The Spin Wave Series, by David Kupferman
Exhibition at the Newton Free Library Gallery, 330 Homer St., Newton Centre, MA 02459 (552-7145), throu April 29. Artist's Reception April 17, 2-4 pm.

Computer Museum
300 Congress St., Boston. (423-6758 or 426-2800), Daily, 10 a.m.-6 p.m. Admission \$7, \$5 for students and seniors, free for

children under 5. Half-price admission on Sun. from 3-5 p.m. Tours daily of "Walk Through Computer 2000," a working two-story model of a PC. The world's only computer museum; features a collection of vintage computers and robots with over 150 hands-on exhibits illustrating the evolution, use, and impact of computers. Featured exhibits include: "The Hacker's Garage," a recreation of a '70s hacker's garage with such items as an Apple I and Pong; "The Networked Planet: Traveling the Information Highway," an electronic tour of the Internet; "Robots and Other Smart Machines," an interactive exhibition of artificial intelligence and robots; "Tools & Toys: The Amazing Personal Computer"; "People and Computers: Milestones of a Revolution," explores a number of ways computers impact everyday life. In the Smart Machines Theater a multi-media show features NASA's Mars Rover, R2-D2, Shakey, Sea Rover, and other robots. Through Nov. 30: "Wizards and Their Wonders: Portraits in Computing." Ongoing: "Virtual FishTank."

Isabella Stewart Gardner Museum
280 The Fenway, Boston. (566-1401), Tues.-Sun. 11 a.m.-5 p.m. Admission \$10, \$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 highlights are works by Rembrandt, Botticelli, Raphael, Titian, and Whistler. Guided tours given Fridays at 2:30 p.m.
Through April 25: "Josiah McElheney: The Story of Glass."

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. Thurs. 11: at 11 a.m., "Baroque Decorative Arts," presented by Joyce Geary Volk. Sat.: at noon, "17th-Century Dutch Painting," presented by Amy Daughenbaugh. Sun.: at 2 p.m., "A Valentine for Luperclia: Lovers in Art," presented by Henry Augustine Tate. Wed.: at 6 p.m., "Maritime America," presented by Guy Jordan.

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." Through May 9: "Cats! Wild to Mild." 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.

Other Events

7th Annual Boston International Festival of Women's Cinema
Through Apr. 19 at the Brattle Theatre, in Harvard Square, Cambridge (876-6838). Featuring a wide variety of films, including the U.S. debuts of films directed by Indian director Deepa Mehta and Belgian director Patrice Leconte; the Academy Award-nominated *Regret to Inform*, Barbara Sonneborn's portrait of the lasting devastation of the Vietnam War as seen through the eyes of both American and Vietnamese women; films from Iran, Germany, and France; documentaries; and sneak preview screenings of international features including Lisanne Skyler's *Getting to Know You*, starring Heather Matarazzo, Michael Weston, and Bebe Neuwirth, based on short stories from Joyce Carol Oats.

An Act of Conscience
Apr. 16, 7:30. A showing of a documentary about Randy Kehler and Betsy Corner of Colrain, Massachusetts, whose refusal to pay their federal income taxes as a protest against war and military spending resulted in the seizure of their home by the IRS. At the Harvard-Epworth United Methodist Church, 1555 Mass. ave., Cambridge, 02138, 354-0837. A discussion will follow. Suggested contributions: \$5, \$3 students.

A Tribute to Henry Hampton
Apr. 18, 2-5 pm at the John F. Kennedy Library and Museum, Columbia Point, Boston. An examination of the work of Emmy award-winning documentary film maker Henry Hampton and Blackside, Inc., the production company he founded. Will feature a distinguished panel of former and current Blackside production staff and the screening and discussion of short segments of films he worked on. For more information, call 929-4523. For reservations, call 929-4571. Free, with reception following.

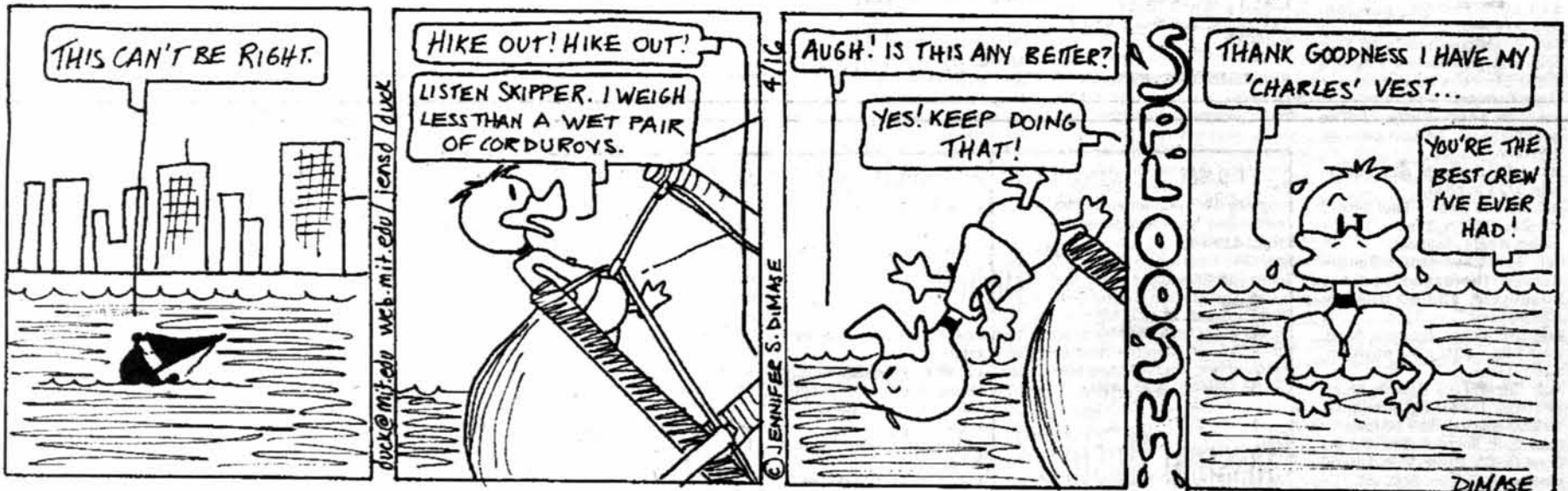
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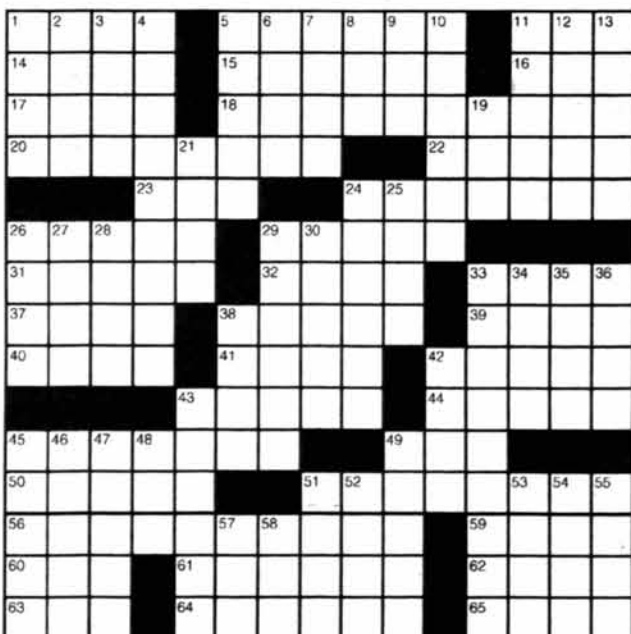


Down with Science

by Jennifer DiMase



Crossword Puzzle



ACROSS

- 1 Feels ill
- 5 Viennese tongue
- 11 Make a choice
- 14 Talk to God
- 15 American songbird
- 16 Contend
- 17 Thin coating
- 18 Military carriers
- 20 Like pipe dreams and romance novels
- 22 Religious belief
- 23 Firearm
- 24 Taunters
- 26 Disney World attraction
- 29 Heap
- 31 Talks boastfully
- 32 Remove knots
- 33 Corsica's neighbor
- 37 Boyfriend
- 38 Smug puritans
- 39 Look with malice
- 40 Ago in Scotland

- 41 Fasten wing-tips
- 42 Holy hymn
- 43 Stories
- 44 Lane-crossing turns
- 45 Deeds
- 49 Crow's call
- 50 Story
- 51 Suffocates
- 56 Indolent person in the "Odyssey"
- 59 Lamb's pen name
- 60 Ms. Gardner
- 61 Kennedy assassin
- 62 Telephoned
- 63 Aviv-Jaffa
- 64 Pays out (money)
- 65 Finales

DOWN

- 1 Church projection
- 2 Annoys
- 3 Secular
- 4 Jewish congregation

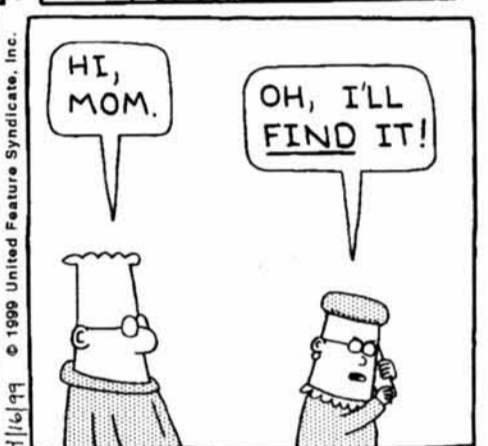
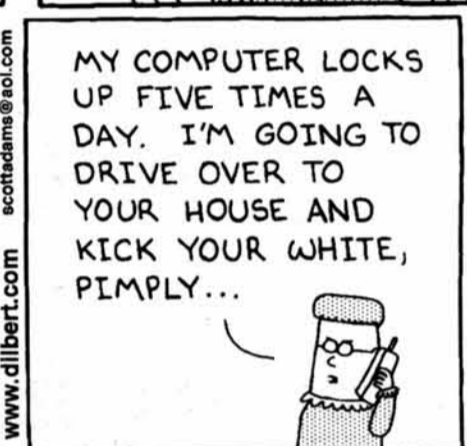
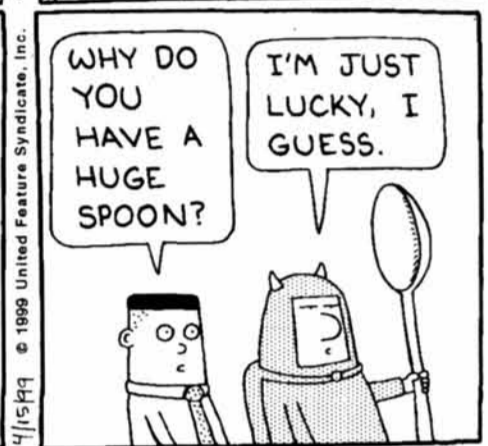
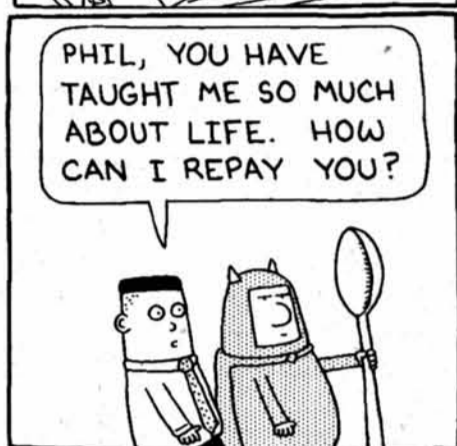
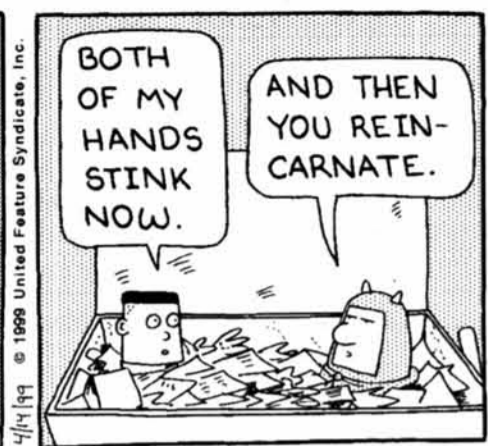
- 5 Entered
- 6 Blunders
- 7 Mob melee
- 8 Meadow bellow
- 9 High mount
- 10 Built a home
- 11 Of sheep
- 12 Pied
- 13 Quizzes
- 19 "And I Love"
- 21 Places
- 24 Forms an opinion
- 25 Adam's grandson
- 26 Recedes
- 27 Quarry
- 28 "Thief" star
- 29 Wall art
- 30 Preserved
- 33 In another place
- 34 Page
- 35 Alternative to suspenders
- 36 Weapons
- 38 Outline
- 42 Builder's map
- 43 Human trunks
- 45 G-sharp

- 46 Garlic section
- 47 Complete
- 48 \$ promise
- 49 Quantities of wood
- 51 Ollie's partner
- 52 Canasta play
- 53 Spirited vigor
- 54 Tough outer covering
- 55 Droops
- 57 Mind-reader's letters
- 58 Dumbstruck state

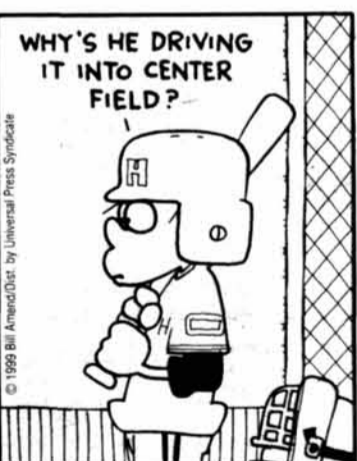
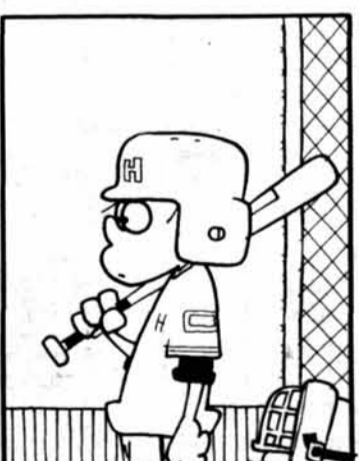
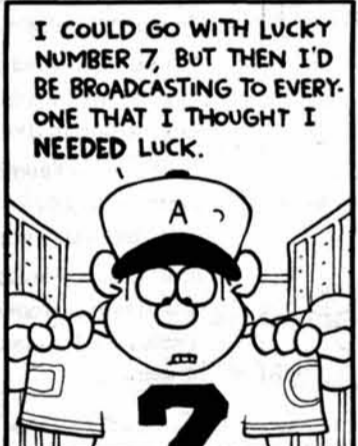
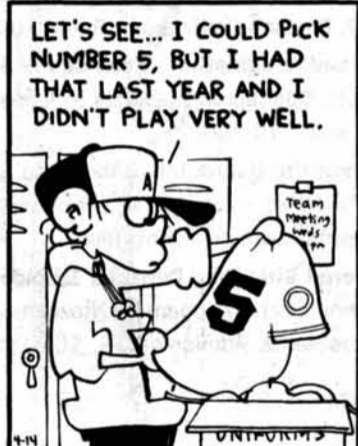
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TechCalendar

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

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

Friday's Events

- 11:00 a.m. - 12:30 p.m. - **Winning Interview Techniques.** Learn interview techniques that will win you job offers. Room 8-205. Sponsor: OCSA.
- 3:00 p.m. - **Time-Frequency Analysis by Harmonic Wavelets.** Professor David E. Newland, Engineering Dept., Cambridge University, U.K. Mechanical Engineering Spring Seminar Series. Refreshments to follow in Miller Room, 1-114. Room 3-270.
- 4:00 p.m. - **Rare Gases: Implications for Mantle Sources and Processes in Generating Oceanic Basalts.** Dr. Mark Kurz, Woods Hole Oceanographic Institution. EAPS Department Lecture Series. Refreshments, 3:30 pm, Ida Green Lounge. Room 54-915.
- 7:00 p.m. - 12:15 a.m. - **MIT Anime Club Showing.** 7:00 Rurouni Kenshin 54-56 (subtitled); 8:50 Kimagure Orange Road Special showing (subtitled); 11:30 Kodomo no Omocha 14-15 (subtitled); Feel free to come at any time. E51-345. Sponsor: Anime Club, MIT.
- 7:00 p.m. - **Clerks.** Starring Brian O'Halloran, Jeff Anderson, Marilyn Ghigliotti, Lisa Spoonhauer, and Kevin Smith as Silent Bob. 103 minutes, rated R. Admission 2.50. 26-100. Sponsor: LSC.
- 7:30 p.m. - **Horse Feathers.** Starring the Marx Brothers. Cosponsored by the DeFlorez Funds. 68 minutes, no MPAA rating. Admission 2.50. 10-250. Sponsor: LSC.
- 8:00 p.m. - **A Funny Thing Happened on the Way to the Forum.** Musical Theatre Guild's production of Stephen Sondheim's award-winning musical. Admission \$9, \$8 MIT faculty/staff/sr citizens/non-MIT students, \$6 MIT students. Kresge Little Theater.
- 8:00 p.m. - **Yeomen of the Guard.** MIT Gilbert and Sullivan Players production. Admission \$9, \$8 for MIT community, \$7 for other students/children, \$6 for MIT/Wellesley students. Sala de Puerto Rico.
- 8:00 p.m. - **The Food Chain.** Theater Arts workshop production of play by Nicky Silver. Kresge Rehearsal Rm B.
- 9:00 p.m. - **Potluck Performance Art Party.** AKA show+tell. Bring video, poetry, slides, anything to read, show, perform and/or consume. Admission 4.00. N52-115. Sponsor: Office of the Arts.
- 10:00 p.m. - **Clerks.** Starring Brian O'Halloran, Jeff Anderson, Marilyn Ghigliotti, Lisa Spoonhauer, and Kevin Smith as Silent Bob. 103 minutes, rated R. Admission 2.50. 26-100. Sponsor: LSC.

Saturday's Events

- 9:30 a.m. - **Sailing Regattas.** Sailing Team regattas held at local venues. MIT, BU, Harvard. Cheer on the Sailing Team or just enjoy a spring day by the river. MIT-51, Sailing Pavilion. Sponsor: MIT Nautical Association.
- 10:30 a.m. - **Influence, Power and Intentionality at MIT.** Jeremy D. Sher, John S. Hollywood and Jake H. Parrott, Student Resource Service Managers. Patriot's Day Weekend Training Blowout. This weekend's training blowout covers topics from both Student Resource Service Training and Project Management. Includes an all-new special topic- Design of Complex Processes. Room 4-145.
- 1:30 p.m. - **Crash Course on the MIT Administration/Negotiation and Communication Skills.** John S. Hollywood and Jeremy D. Sher, Student Resource Service Managers. Room 4-145.
- 2:00 - 8:00 p.m. - **Rhythm of the Youth.** A Community Service Dance Explosion featuring capoeira, breakdancing, west african dance, hip hop, drumming, stepping, and gumboot. Focus is on the youth but all are welcome to see the exhibitions. Johnson Athletic Center. Sponsor: Groove Phi Groove S.F.I.
- 7:00 p.m. - **The Siege.** Starring Denzel Washington, Anette Bening, and Bruce Willis. 115 minutes, rated R, with DTS Digital Sound. Admission 2.50. 26-100. Sponsor: LSC.
- 8:00 p.m. - **The Food Chain.** Theater Arts workshop production of play by Nicky Silver. Kresge Rehearsal Rm B.
- 8:00 p.m. - **Yeomen of the Guard.** MIT Gilbert and Sullivan Players production. Admission \$9, \$8 for MIT community, \$7 for other students/children, \$6 for MIT/Wellesley students. Sala de Puerto Rico.
- 8:00 p.m. - **MITCAN Concert.** Performance by MIT's African Music Ensemble. James Makubuya, director. Wong Aud., Tang Center.
- 10:00 p.m. - **The Siege.** Starring Denzel Washington, Anette Bening, and Bruce Willis. 115 minutes, rated R, with DTS Digital Sound. Admission 2.50. 26-100. Sponsor: LSC.

Sunday's Events

- 12:00 p.m. - **Crash Course in Project Management.** John Hollywood, Vice President, Institute Foundation of MIT. Room 4-145.
- 2:00 p.m. - **Yeomen of the Guard.** MIT Gilbert and Sullivan Players production. Admission \$9, \$8 for MIT community, \$7 for other students/children, \$6 for MIT/Wellesley students. Sala de Puerto Rico.
- 2:30 p.m. - **Special Topics: Organizational Learning and Complex Processes.** Jake H. Parrott and John S. Hollywood, Institute Foundation of MIT. Room 4-145.
- 7:00 p.m. - **Clerks.** Starring Brian O'Halloran, Jeff Anderson, Marilyn Ghigliotti, Lisa Spoonhauer, and Kevin Smith as Silent Bob. 103 minutes, rated R. Admission 2.50. 26-100. Sponsor: LSC.
- 10:00 p.m. - **The Siege.** Starring Denzel Washington, Anette Bening, and Bruce Willis. 115 minutes, rated R, with DTS Digital Sound. Admission 2.50. 26-100. Sponsor: LSC.

Tuesday's Events

- 4:30 p.m. - **Applications of Fluid Mechanics in Circulating Fluidized Beds.** Dr. Alan Pfeffer, ABB. Gas Turbine Seminar Series. Room 31-161.
- 6:00 p.m. - **Stephen R. Covey, bestselling author of The 7 Habits of Highly Effective People.** Covey to speak about principle-based leadership. Bldg. E51, Wong Auditorium. Sponsor: Sloan 2000 Leadership Forum.
- 8:00 p.m. - **MIT Affiliated Artist Collaboration.** Lecturer Charles Shadle, piano; Prof Ellen Harris, soprano; Elizabeth Connors (administrative asst), clarinet. Brahms, Lutoslawski, Schubert and Shadle. Killian Hall.

Wednesday's Events

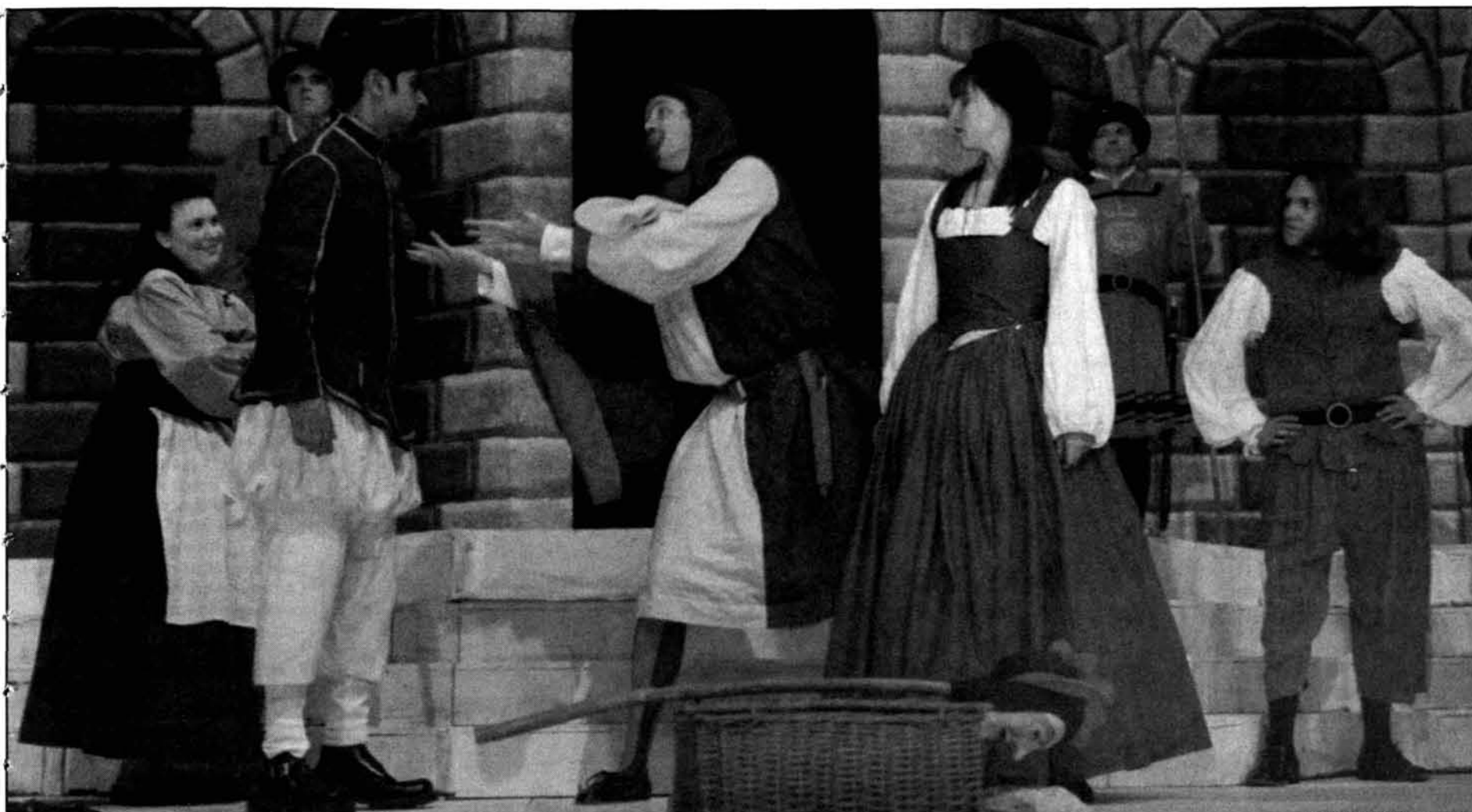
- 11:00 a.m. - **Optical Networking.** Alistair Glass, Lucent Technologies, Bell Laboratories. EECS /RLE - Optics & Quantum Electronics Seminar Series. 11:00 am, Room 34-Grier Room B.
- 3:30 p.m. - **Lecture on Science Policy Issues.** Professional Development Series. Ashdown House, Hulsizer.
- 4:00 p.m. - **From complete genome sequences to regulatory network measures and models.** Prof. George M. Church, Department of Genetics, Harvard University Medical School. Problems and Methods in Bioinformatics. Room 56-114.
- 4:00 - 5:00 p.m. - **Medical School Essay Writing.** The goal of this workshop is to facilitate personal statement writing process and hopefully make it bearable, if not enjoyable. Room 4-149. Sponsor: OCSA.
- 4:15 p.m. - **A q-analogue of Mahler Expansions.** Dr. Keith Conrad, Ohio State University. Room 2-338.
- 5:00 p.m. - **Advanced Music Performance Recital: Christopher Rohrs '99, clarinet.** Advanced Music Performance Recital: Christopher Rohrs '99, clarinet. Killian Hall.
- 7:00 p.m. - **Complexities Surrounding the Implementation of the Death Penalty.** Prof. Daniel Kemp, MIT Professor of Chemistry. Room 4-231. Sponsor: Amnesty International.
- 8:00 p.m. - **MIT Chamber Chorus Concert.** William Cutter, director. Kresge Auditorium.

Thursday's Events

- 12:00 p.m. - **Regulation of Glial Development through Ligand- and Voltage-Gated Ion Channels.** Dr. Vittorio Gallo, Section Chief, NIH/NICHD. Room E25-401. Sponsor: Wurtman Lab.
- 12:00 p.m. - **MIT Chapel Concert.** John Tyson, recorders; Miyuki Tsurutani, recorder and harpsichord; Douglas Frenlich, lute. Early 17th century sonatas, improvisations and dances. Chapel.
- 4:00 p.m. - **Seasonal/interannual prediction with general circulation models.** Jeff Anderson, GFDL. MIT Atmospheric Science Seminars. Room 54-915.
- 4:00 p.m. - **Selling to the Newsvendors.** Marty Lariviere, Assistant Professor at Fuqua School of Business, Duke University. Room E40-298. Sponsor: Operations Research Center.
- 4:00 - 5:00 p.m. - **The Medical School Application Process.** Learn about the fundamental process of applying to medical school. Room 1-145. Sponsor: OCSA.
- 4:15 p.m. - **Gamma Ray Bursts and Their Afterglows.** Bohdan Paczynski, Princeton University. Physics Colloquium. Room 10-250.
- 7:00 p.m. - **Media and Imagination - Readings in Science Fiction.** Lois McMaster Bujold, Melissa Scott. Sponsored by Media in Transition Project with Lecture Series Committee. Room 10-250.
- 8:00 p.m. - **Yeomen of the Guard.** MIT Gilbert and Sullivan Players production. Admission \$9, \$8 for MIT community, \$7 for other students/children, \$6 for MIT/Wellesley students. Sala de Puerto Rico.
- 8:00 p.m. - **For Colored Girls Who Consider Suicide When the Rainbow is Enuf.** Dramashop production of choreopoem by Ntozake Shange directed by Assistant Professor Thomas DeFrantz. Admission \$8, \$6 w/student ID. Kresge Little Theater.

Next Friday's Events

- 9:00 a.m. - **War & Technology During the Old Regime.** Two-day Conference: Fri., Apr. 23, 9:00-Noon, Gunpowder & Warfare; 2:00-5:00, Archaeology & Architecture; Sat. April 24, 9:00-Noon, The View from Military History; 2:00, Roundtable Discussion. E56-100. Sponsor: Dibner Institute.
- 11:00 a.m. - 12:30 p.m. - **Finding a Place to Start: Step One in the Career Planning Process.** This workshop helps you identify your skills, interests, and values to better direct your career and life. Room 8-205. Sponsor: OCSA.
- 12:00 p.m. - **4th International Design Thinking Research Symposium.** Two day symposium. Sponsor: Department of Architecture.
- 4:00 p.m. - **Flow Induced by Steady Air Venting and Air Sparging.** Chiang C. Mei, Professor, Civil and Environmental Engineering. Room 1-350. Sponsor: Engineering & Environmental Mechanics Group.
- 4:00 p.m. - **Analyses of Rocks and Soils at the Mars Pathfinder Landing Site.** Professor Harry Y. McSween, Jr., University of Tennessee. EAPS Department Lecture Series. Refreshments, 3:30 pm, Ida Green Lounge. Room 54-915.
- 4:00 - 5:00 p.m. - **The Medical School Application Process.** Learn about the fundamental process of applying to medical school. Room 4-145. Sponsor: OCSA.
- 4:15 p.m. - **Formulas in the Schubert Calculus.** Dr. Arun Ram, Princeton University. Combinatorics Seminar. Room 2-338.
- 8:00 p.m. - **Yeomen of the Guard.** MIT Gilbert and Sullivan Players production. Admission \$9, \$8 for MIT community, \$7 for other students/children, \$6 for MIT/Wellesley students. Sala de Puerto Rico.
- 8:00 p.m. - **Ensemble Intercontemporain Concert.** David Robertson, conductor. Karlheinz Stockhausen's Kreuzspiel; Igor Stravinsky's Soldier's Tale Suite; Iannis Xenakis' Thallein; Gyorgy Ligeti's Piano Concerto. Kresge Auditorium.
- 8:00 p.m. - **For Colored Girls Who Consider Suicide When the Rainbow is Enuf.** Dramashop production of choreopoem by Ntozake Shange directed by Assistant Professor Thomas DeFrantz. Admission \$8, \$6 w/student ID. Kresge Little Theater.



KRZYSZTOF GAJOS—THE TECH

Jack Point (Larry Seller '85) discusses the finer points of laying on of hands.

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Supporters Greet Chinese Premier Amidst Protest

By Frank Dabek
and Kristen Landino
STAFF REPORTERS

Supporters of Premier Zhu Rongji outnumbered protesters in the crowds lining Massachusetts Avenue and Memorial Drive prior to his address on Wednesday. MIT Campus Police estimated that 4,000 people were present at the demonstrations.

The protesters represented causes ranging from Tibetan independence to stopping technology transfer to China. Three arrests and several minor altercations marred the otherwise peaceful protests which were overseen by State, Park Commission, County, MBTA and MIT Campus Police.

Many protesters wore "Free Tibet" shirts and shouted slogans such as "shame on China" and "Tibet for Tibetans." Pro-Zhu forces carried Chinese and American flags.

Arrests mar demonstrations

Frank Pasquarello of the Cambridge Police said that three arrests were made. Kim Meston and Deja Meston were arrested for disorderly conduct. According to Pasquarello, the Mestons were pushing and shoving in the crowds.

Rick Roth, who was protesting with Amnesty International, said that Meston had been arrested by Cambridge Police before 9 a.m. Roth said that the Mestons had been behaving peacefully and didn't provoke their arrest. "A lot of us were actually talking to the other side,"

Roth said.

A third protester, Mingro Zhou, was arrested for disorderly conduct and assault and battery with a deadly weapon, namely a flagpole, according to Pasquarello.

Roth said that much of the violence began after an altercation over a loudspeaker set up by pro-Zhu forces.

Chinese student clubs mobilize

Liwi Chen, a Harvard student,

was one of the many demonstrators supporting Zhu. He said that Zhu's visit was "a good opportunity to show our support" for the premier. Chinese students clubs from several other Boston-area universities were also present at the rally.

Bexley Hall resident Dingli Chen '99, also supported Zhu. She said that he "has a lot of intelligent thoughts" and can "offer insight" into China. Chen answered concerns about human rights by saying that

Chinese citizens have a different set of expectations for human rights and that many value stability more highly than such rights.

Dingli Chen said that protesters were "not taking full advantage of his visit," by not engaging in dialog with the premier and by aggravating tensions. "Peace right now is the most important thing," she said.

Nearby Liwi Chen on Memorial Drive, Ngodup Gampo, a native Tibetan, was protesting to "raise

the voice for people who are suffering in Tibet" due to Chinese "atrocities."

The close proximity of conflicting viewpoints led to tensions which sometimes erupted into violence. Liwi Chen said that the anti-Zhu forces had the "right to share their voice but [it is] also our right to share our voice."

Ngodup characterized the Zhu supporters as the children of "high class officials" in China. Allen Harrison, who was protesting alongside Ngodup said that the supporters "don't seem to remember Tiananmen square."

Violence erupted briefly when protesters marched towards Memorial Drive. When they were detained by barriers the protesters tore down pro-China signs and burned Chinese flags. At another point during the morning, pro-Chinese forces and protesters traded slogans across Amherst drive.

Diverse viewpoints represented

While many protesters were devoted to the cause of an independent Tibet and a fully independent Taiwan, more marginal viewpoints were also present.

Jerry Hallaren, a representative of Lyndon H. Larouche, called for an United States economic alliance with China and a break from the International Monetary Fund and currency speculation. Hallaren cited Indonesia's currency crisis and dropping Mexican food production as the results of the International Monetary Fund system. You "can't eat computer chips," Hallaren said. "Food is going to be a rare commodity" if the current system continues, he said.

Doug Wagner protested technology transfer to China. "We have a major problem with technology transfer," he said. Wagner said that the transfer rocket technology to China has "already compromised our ability to defend ourself."

Wagner's brother Ken told other protesters, "Welcome to America now why don't you go back." Doug Wagner described him as "feisty."

Other forms of demonstration included flags hung from Ashdown House windows and a car which drove up and down Massachusetts Avenue blaring the Chinese national anthem from loudspeakers.

Zhu gives speech at Park Plaza

Following his address at MIT, Zhu traveled to the Park Plaza Hotel in Boston to meet with Massachusetts Governor Paul Cellucci as well as numerous local business leaders over lunch.

His speech touched on global economic issues and made clear Zhu's desire to increase U.S. business investment in China.

Both protesters and supporters trailed Zhu to Boston and demonstrated outside the Park Plaza Hotel during his speech.

Many of those present in front of the 77 Massachusetts Avenue entrance to MIT in the morning marched over the Harvard Bridge to Park Plaza at 12:30 p.m., continuing to chant cries of protest or welcome.

Boston Police closed off the streets surrounding Park Plaza as Zhu's motorcade entered the area and demonstrators began to line the streets.

"We want to let the city of Boston know that we do not support China's occupation of Tibet. Human rights in Tibet is more important than United States business interests," said Yiu Tak, a Tibetan immigrant.

Numbers of supporters equaled those of protesters at the event. In total, about 1,000 people showed up outside the Park Plaza Hotel for Zhu's speech.

"Premier Zhu is a good leader. He has served China well. We want to show our support, and welcome him to the United States," said one Chinese nationalist.



Protesters and supporters packed Massachusetts Avenue on Wednesday in anticipation of Premier Zhu Rongji's visit to MIT.

T. LUKE YOUNG—THE TECH

Zhu Defends U.S. Trade Deficit With China

Zhu, from Page 1

ately to other nations.

Zhu discussed a study he conducted in 1987 while he was Executive Vice Minister of the State Economic Commission. Zhu looked into athletic shoe exports to the United States from Nike, Reebok, and Adidas, among other companies, and found that shoes costing \$20 to make were sold for \$120 in the United States. Only two dollars of that money actually went to Chinese workers and managers, Zhu said. Much of the total cost went to the U.S. and other nations where raw materials and components were produced.

Despite his defense of the current deficit situation, Zhu said that "China will do its best to improve this trade balance."

Zhu wants WTO membership

Zhu also discussed some of the major concessions China has made to secure admission to the World Trade Organization. WTO membership would help promote market competition and improve China's national economy, according to Zhu. He also thought that "without China's participation, the WTO will not be representative enough."

Zhu argued that the U.S. should implement the free trade it advocates elsewhere when dealing with China, calling the restrictions placed on exports to China too strict. He cited examples including satellite and computer technology that the United States would not allow to be exported, arguing that such limitations hurt China's economic growth.

In trade negotiations with President Clinton last week, restrictions were lifted on wheat and citrus fruits, among other U.S. exports. "But ladies and gentlemen, can the Chinese people only live on citrus and wheat?" Zhu asked. China wants U.S. trade to improve the quality of life, Zhu said.

At the close of his address, Zhu assured the U.S. of China's good intentions and friendly relations. "China is your trustworthy friend," Zhu said. "China will never be a threat to the United States." Zhu cited the history of Sino-American relations since President Nixon as a sign of progress. "This marks a new

stage of development for U.S.-China relations," Zhu said.

Zhu evades human rights issues

Zhu expressed his willingness to discuss controversial issues with U.S. leaders, including human rights, Tiananmen Square, the Dalai Lama, and Kosovo. "I am willing to come here and talk about some of these issues," Zhu said. "I want to come tell you what the real picture is." However, Zhu declined to discuss these issues at MIT after they were repeatedly brought up on each of his U.S. stops in Los Angeles, Denver, Chicago, and New York.

After concluding his address, Zhu took questions from the audience in Kresge. The first audience member, Edward Wang G, acted as representative for Xu Jin, the daughter of political prisoner Xu Wenli. He questioned the premier when Xu Wenli, a Beijing democracy activist jailed for the past 12 years, would be released from prison. Zhu responded by joking that frequent discussions about human rights during his U.S. trip had given him blisters on his mouth. However, he added, "we acknowledge that we still have shortcomings" regarding human rights. Zhu finished by saying that the public forum was "not the time or place for me to go into details."

The second question came from an alumnus of Tsinghua University who asked about China's development in the areas of science, technology, and education. "The investment we have put into this effort has been unprecedented in its scope and size," Zhu responded. "Basic education is a very important component of this."

Zhu commented on China's lack of managers, accountants, and securities experts, noting that he would like to see MIT help in training high-level managers through the Sloan School. One of the day's more humorous moments came when Zhu mentioned that Tsinghua's accounting school is looking for a dean, and members of the MIT community were invited to apply for the job. "I promise I will pay what you are paid here," Zhu said in English.

The third and final question came from MIT Professor of Brain

and Cognitive Sciences Mary C. Potter, who co-chaired the recent Institute committee investigating gender discrimination in the school of science. Potter asked how China was assuring equal use of female talent and ability.

"I am very much in favor of equality between men and women," despite the contrary Chinese tradition of a male-dominated society, Zhu said. He cited State Councilor Madame Wu Yi, who accompanied him on his U.S. tour, as an example of gender equity in China's government. Referring to the WTO talks, Zhu said that "in this round of negotiations, she was the Premier, and I was the Vice Premier." As he finished his comments, Zhu joked that "at home, I am totally an obedient servant of my wife."

Audience welcomes Zhu

Zhu arrived via motorcade around 11:00 a.m., and was escorted into Kresge by President Charles M. Vest, who discussed the lack of Sino-American relations during the Cold War, and the progress made since then. "Leaders of China and the United States have torn away many of the barriers that once separated us," Vest said.

A large group of students from Tsinghua University cheered Zhu's frequent references to the university, from which Zhu himself graduated with an electrical engineering degree in 1951. Zhu mentioned that while he studied there, Tsinghua was known as the "MIT of China". Tsinghua used photocopied versions of texts from MIT, Zhu said, but "whether they were pirated copies or not I do not know." The issue of Chinese firms pirating U.S.-made software was brought up during Zhu's visit.

Zhu said that he has always wanted to study at MIT, but he did not want to ask for an honorary degree. "I don't want to be accused of making a political contribution," Zhu said, referring to the allegations that President Clinton took campaign donations from Chinese intelligence officials. Zhu said that he regretted missing MIT the last time he was in the Boston area for a 1984 address at Harvard.

Chair of the Faculty Lotte Bailyn opened the morning's event by appealing to the audience for

restrained behavior. Bailyn recognized the conflicting opinions regarding such issues as Taiwan, Tibet, and human rights, but encouraged respectful treatment of the Premier.

Before Zhu arrived, Professor Edward S. Steinfeld of the Sloan School of Management spoke about current Sino-American relations. Steinfeld noted that Zhu's visit was especially appropriate since he is dean of the Tsinghua University business school, a sister school with Sloan. However, regarding such issues as espionage and human rights, "I think, at least on the surface, these are not particularly heady times," Steinfeld said. "These problems are different from the problems China faced in the past." China's main economic issue today, Steinfeld said, is managing and governing a complex market economy.

A chief goal, Steinfeld said, remains membership in the World Trade Organization. "China has reversed the situation and made concessions that few if any experts had expected," Steinfeld said. "The concessions China is making are painful."

Visit merits high security

Security personnel for the address included MIT, Cambridge, and State police, Middlesex County sheriffs, and members of the Secret Service. The Stratton Student Center, athletic buildings, and Amherst Alley were completely shut down for Zhu's address, with access to some dorms limited to Memorial Drive. A sharpshooter was also spotted on the roof of the Johnson Athletic Center.

In order to access to Kresge, people were required to endure repeated checks of photo identification, a pass through a metal detector, and searches of all bags. Despite the generally high security, general audience ticket numbers were not checked with lottery lists. Some students reportedly purchased their tickets from students who received tickets through the lottery.

In addition, a large police presence was required to control the thousands of pro- and anti-China protesters on Massachusetts Avenue and Memorial Drive.

Karen E. Robinson contributed to the reporting of this story.

Gates is the Proud Benefactor of New LCS Building

LCS, from Page 1

"I feel very privileged to be able to contribute in this way," Gates said. "It's great to be here... I hope the facility gets done as soon as possible."

Gates said that he decided to donate to LCS because the laboratory has demonstrated in the past that it is a center of important research.

The gift "is one I'm particularly proud of because I know the group here will be one of the very few groups that has the power to make these breakthroughs, and so [the gift is] just very fitting based on the track record and the things to come," Gates explained.

"The horizons ahead of us are really the most interesting ones of all," Gates said. "The synergy between the educational environment... and the commercial sector is part of reason why great progress has been made," he said.

"I feel privileged to have the chance to contribute to this next phase," Gates said. LCS will "have a wonderful facility where some fantastic breakthroughs are going to be made which are going to have a very positive impact."

"We're absolutely delighted," said LCS Director Michael L. Dertouzos PhD '64.

In honor of Gates' visit on Tuesday, several students set up a table near the presentations in Kresge Auditorium selling slices of "open source pie" from "Krotus Baking Co., Ltd." for \$.98 until they were asked to move. The reference was to a Belgium incident last year, when pranksters hit Gates in the face with three pies. In addition to pie, customers were given copies of "pie code" written in Scheme. All



GABOR CSANYI—THE TECH

Microsoft founder Bill Gates expands on his vision for the future of software at the official kick-off for LCS's Oxygen program, which aims to lay the grounds for such ambitious applications as telepresence, and comprehensive sensing.

proceeds are going to the Free Software Foundation, which is known for its open source philosophy, making the source code for programs freely available. At other organizations, such as Microsoft, such source code would be considered closely-guarded secrets.

LCS unveils Oxygen

In conjunction with looking back over the past 35 years, LCS also used the occasion to announce the launch of Oxygen, a five-year, \$40 million research project.

The project is sponsored by the

Defense Advanced Research Projects Agency, and will be in collaboration with the Artificial Intelligence Laboratory, the sister lab of LCS.

"This is my vision for the 21st century," Dertouzos said. "People should be able to do more by doing less."

There are three goals to Oxygen. "First, we should bring the technology of information into our lives... We're not going to leave our lives

and go into cyberspace," Dertouzos said. "When the industrial revolution came, we didn't go into 'Motorspace.' They came into our lives and absorbed themselves into our lives... to serve our ancient needs."

A second goal is to have increased human productivity and increased ease of use. Making an analogy to the model of "shoveling" to get things done, Dertouzos com-

mented, "We're still shoveling but it's not painful because our shovels are stamped 'high-tech.'" He said that technology still needs to be improved in this respect. "Every time I hear the words 'ease of use' I get physically violent... It should be truly easy to use regardless of graphics, text, etc."

The third goal of Oxygen is to increase connections among the world's entire population. "When we say 'we,' we should mean the people of the world. We of the industrially wealthy world are largely connected; that's only 1.5 to 2 percent of the world's population that is interconnected," Dertouzos said.

The Oxygen research project will be broken down into four core technologies and four user technologies. The four core technologies include the Handy21, a portable universal device, as well as its space analog, the Enviro21.

The user-centered Handy21 will combine the functionality of a cellular phone with other devices such as the beeper and handheld computer. The Enviro21 will be space-centered and will be connected to sensors and actuators to control things in a specific room, for example, the room temperature.

The other two core technologies include N21, the network that Oxygen devices will run on, and a spoken-dialog software that will allow users to interface without a keyboard to the devices.

The four user technologies encompass knowledge-access, automation, collaboration, and customization technologies.



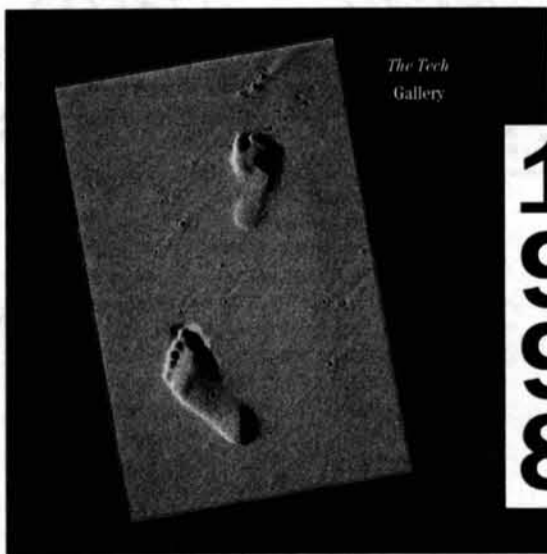
COURTESY OF FRANK GEHRY AND ASSOCIATES

A design process model for the William H. Gates Building, part of the Stata Center for Computer, Information, and Intelligence Sciences.

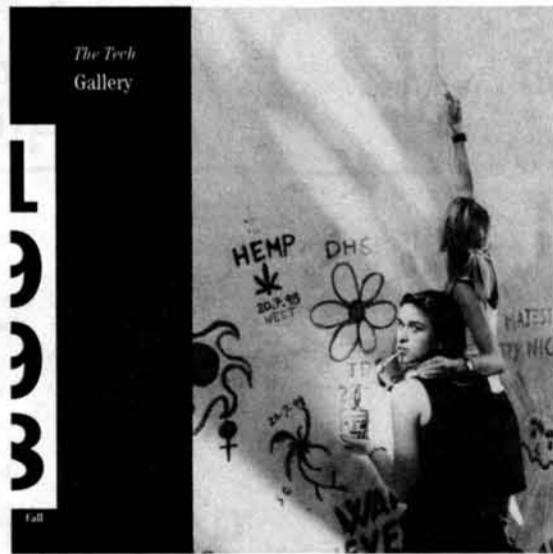


GABOR CSANYI—THE TECH

OPEN SOURCE PIE — Students offered "free pie" for \$5 to guests who were arriving to hear Bill Gates' keynote address at LCS's 35th birthday celebration.



The Tech Gallery



The Tech Gallery

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Friday

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Battle of the Bands 12-5PM

Battle of the classes 1-3PM

Alpha Phi 2-5PM

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8PM-1AM

ATO Bachelor Bachelorette AUCTION
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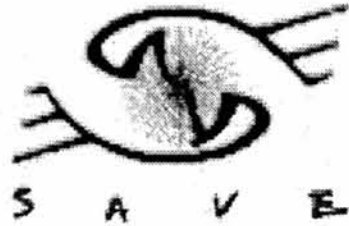
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EARTH DAY '99



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Wed 4/21-Fri 4/23	Lobby 7	FREE STUFF (while supplies last) Green products samples coupons plants
Wed 4/21-Fri 4/23	Lobby 7	Display of MIT student resource usage. Other displays concerning the environment, and advances in environmental technology.
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Fri 4/23	Kresge Circle	

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Orientation '98 Survey Findings Released in Report

By Erik Snowberg
STAFF REPORTER

In an effort to get feedback about how changes in freshmen orientations during the past few years are affecting student life, Associate Dean of Students Alberta G. Lipson released a report summarizing the experiences of the Class of 2002 during Orientation '98.

The report was based on the 1998 Orientation Survey given to freshmen on Registration Day. The 1998 Orientation Survey Report details the attendance patterns and attitudes of incoming freshmen toward the different Orientation activities. The report found that there was no net change in the participation of freshmen in rush and the academic part of Orientation was improved by changes to its structure.

The survey was completed by 75 percent of freshmen, compared to a 54 percent response rate in 1997. The report compared the data from the 1998 survey to previous surveys wherever possible.

Focus on Residence Decision

A substantial part of the survey dealt with the process of residence selection. The report found that there was very little change in the level of participation in rush or the number of visits freshmen made to fraternities, sororities, and indepen-

dent living groups. At the same time, freshmen indicated that they had more information about residences this year than last year.

In 1998, 87 percent of freshmen reported that they visited FSILGs and 66 percent indicated that they gave serious consideration to living in a FSILG. These figures were 90 percent and 64 percent in 1997, respectively. There was also a slight increase in the number of men who participated in rush. The figures for visiting and considering residence halls showed a similar trend.

In both 1997 and 1998, two-thirds of the students who participated in rush received a bid from their favored FSILG. In 1998, the number of students who received their first choices in the residence lottery increased to 86 percent from 71 percent in 1997. "It is possible the Residence Midway gave more visibility to smaller residence halls which may have been overlooked in the past in favor of larger, more popular residences," the report said.

Frosh more informed this year

The survey also attempted to ascertain the amount of time and information students had to make a residence decision. The percentage of freshmen who replied that they had a "sufficient" or "very sufficient" amount of time rose from 42 percent in 1997 to 63 percent in

1998. Freshmen also felt that they had more information than indicated in previous years. The percentage of freshmen who indicated that they had "sufficient" or "very sufficient" information rose from 57 percent to 60 percent. At the same time the number of freshman who labeled their residence decision "difficult"

or "very difficult" rose from 35 percent to 42 percent.

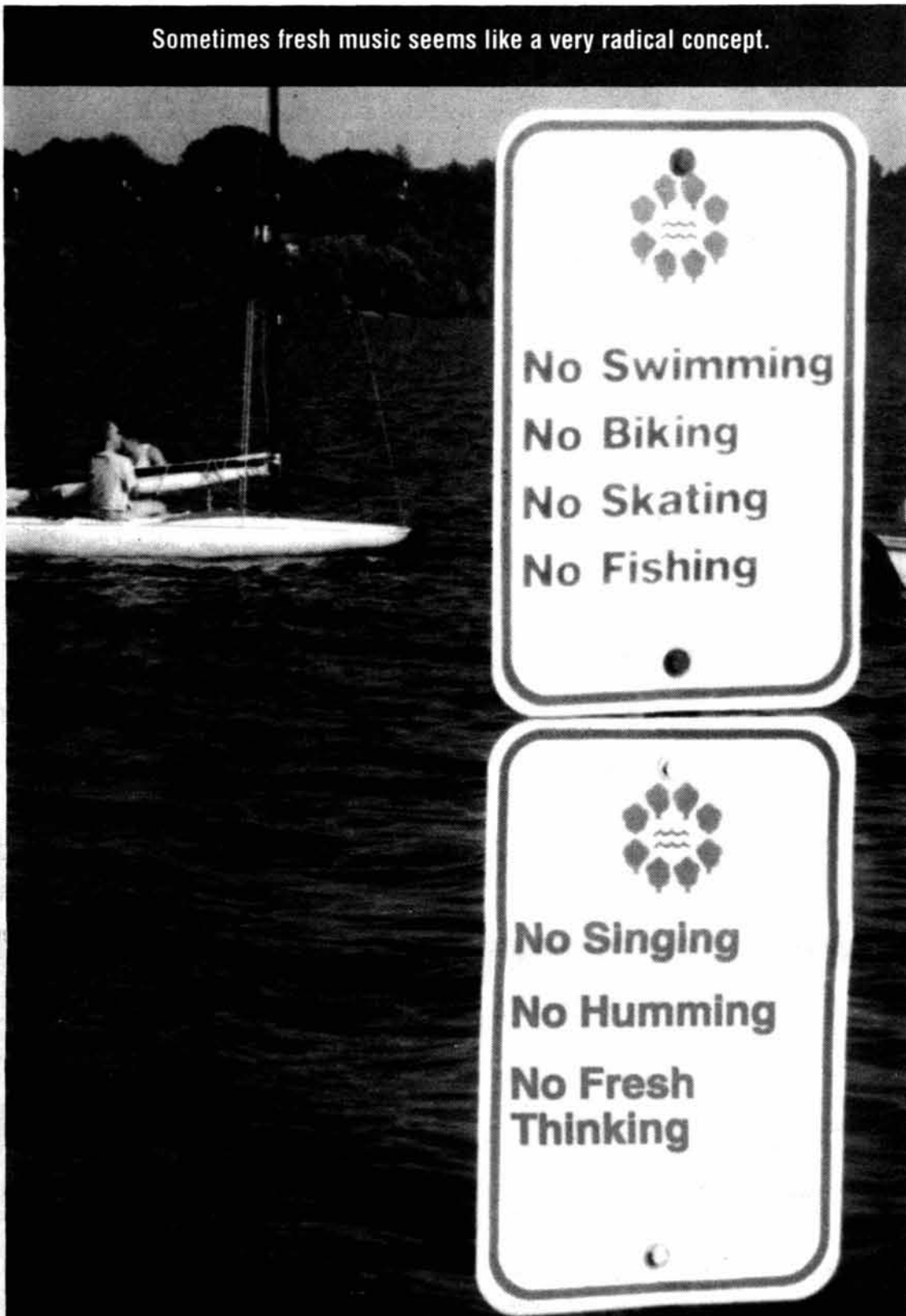
Both men and women indicated an increased difficulty in making an appropriate housing decision. Male freshmen generally had a more difficult decision. Men who chose to live in FSILGs showed the greatest increase. The report suggested that the housing decision might be hard-

er for men since "men have a wider array of choices which can cause considerable confusion."

The report also said that "having all freshmen live on campus in 2001 should greatly ameliorate [confusion] since freshman men will only have to choose among ten residence

Survey, Page 25

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POLICE LOG

The following incidents were reported to the Campus Police between March 25 and April 7. Information is compiled from the Campus Police's weekly crime summary and from dispatcher logs. The report does not include alarms, general service calls, or incidents not reported to the dispatcher.

Mar 25:Bldg. W59, suspicious activity; Bldg. 10, unauthorized use of ATM card; Student Center reading room, checkbook stolen; MacGregor, malicious damage; DuPont, wallet stolen from locker room \$30 cash; Bldg. E25, suspicious activity; Vassar St., assist Cambridge Police with a motor vehicle accident.

Mar 26:Bldg. W20 Athena, suspicious activity; Bldg. NW17, homeless persons, same left area for shelter; Sloan Lot, report of a sink hole; Bldg. 9, malicious damage in mens' room; Bldg. W31, report of annoying phone calls; Pacific Lot, emergency telephone call, person left area prior to CPs arrival.

Mar 27:Main St. and Windsor, assist Cambridge Police with a motor vehicle accident with injuries; Cambridge Police contact MIT Police concerning a report of a man with a weapon heading to MIT; DuPont, three individuals issued trespass warnings; Memorial Dr. assist State Police, report of dogs locked in vehicle.

Mar 28:Kresge Lot, person loading a computer into vehicle, same checked out okay; New House, notify student to call home; Bldg. 18, report of suspicious person, same gone upon CP's arrival.

Mar 29:Baker, report of laptop computer left in trunk of taxi now stolen \$3,000; Memorial Dr. assist State Police with motor vehicle accident; Vassar St. assist Cambridge Police with motor vehicle accident with injuries; Bldg. 2, Paul Carter of 133 St., Cambridge, and Richard Spontz of 26 Malden St., Watertown, arrested for trespassing; Bldg. 37, backpack stolen, later recovered minus a calculator \$70; Bldg. 34, bike stolen \$300; DuPont bike rack, bike stolen \$250; Albany St. and Mass. Ave., transport homeless person to shelter; Amherst Alley, two individuals stopped for suspicious activity, both issued trespass warnings one was taken into custody for an outstanding warrant.

Mar 30:Bldg. 10, James Briggs of 7 Newtowne Court, Cambridge, arrested for trespassing; Student Ctr. Theodore Bell of 3 Bigelow St., Cambridge, arrested for trespassing; Bldg. NE43, graffiti; 33 Mass. Ave. bike rack, \$343; Mass. Ave. assist Cambridge Police with a road rage incident; Albany St. assist Cambridge Police with a fight between homeless persons; Student Center reading room, report of checkbook stolen; Bldg. 3, complainant reports being shoved by person; Memorial Dr. assist State Police with minor motor vehicle accident; Bldg. 9, suspicious activity; Bldg. 54, bike stolen from rack \$300; Student Center, two individuals issued a trespass warnings; Bldg. E23, suspicious activity.

Mar 31:Ashdown, suspicious activity; Bldg. 16, report of chemical spill; Student Center reading room, cell phone stolen \$250; Burton, breaking and entering to a storage room; Bldg. 18, bicycle stolen, unknown value; Lobby 7, larceny of newspapers; Boston, Sigma Nu, report of homeless person in rear of building, Boston EMS notified; Bldg.

NW10, report of homeless person attempting entry, same assisted to shelter.

Apr 1:Kappa Sigma, malicious damage to a window; Student Center, suspicious activity, person refused to leave restroom; Bldg. N52, suspicious activity; Bldg. E23, threats by a former boyfriend, assisted individual in obtaining a restraining order; Walker, wallet removed from backpack \$240 cash and \$200 travelers checks stolen; Bldg. 16, pocketbook stolen later recovered in Bldg. 36 minus \$65 cash; Bldg. E25, keys stolen; Bldg. E23, debit card stolen sometime since March and several purchases made on same; Memorial Dr. assist State Police with Boston University ROTC unit having a drill; Bldg. 13, report of juveniles on skate boards, advised same to move along; rear of Bldg. NW12, suspicious person issued trespass warning; Student Center, three individuals issued trespass warnings.

Apr 2:Bldg. E18, step ladder stolen, unknown value; Baker House, backpack stolen containing text books and a calculator \$300; Bldg. 12, table stolen \$20; pika, \$130 withdrawn from x-press check account; Bldg. E52, homeless person in lobby; MIT female officer assist Cambridge Police at their station, with a female prisoner; Albany Street; two juveniles were arrested for tagging.

Apr 3:Student Center, officers observed juveniles looking over bikes, individuals had be previously issued trespass warnings. All youths fled when the noticed they were being observed by CPs, two Cambridge juveniles arrested for trespassing and other related charges, three others fled; Bldg. 4, report of suspicious activity; Bldg. E53, suspicious noises, 5 individuals stopped.

Apr 4:Bldg. W59, malicious damage to a window; Westgate, report of a missing person, individual returned home shortly thereafter; Alpha Delta Phi, side view mirror stolen from vehicle, unknown value; emergency phone hang-up call, area checked, no cause found; Bldg. 54, suspicious activity; Memorial Dr. assist State Police with construction barrels strewn into roadway.

Apr 5:McCormick, report of smoke in hallway, fire caused by lit candle left unattended on a pile of papers and the room unoccupied; East Garage, vehicle broken into and radio stolen, unknown value.

Apr 6:McCormick, annoying phone calls; Student Center, backpack stolen unknown value; Bldg. 4, VCR stolen \$250; Bldg. 7, alert students observed Maria Cora attempting to leave the area with victims stolen CD player. Several students held the suspect until Campus Police arrived and placed her under arrest for larceny, disorderly person and other related charges; Bldg. 68, past larceny of compact discs \$60; Bldg. 68, vending machine broken into.

Apr 7:Bldg. 20, hack; Bldg. E52, suspicious activity; Bldg. 1, suspicious activity; Bldg. NE43, harassing e-mail; Bldg. 9, person reports witnessing hit and run damage to vehicle; Bldg. E40, laptop computer stolen unknown value; Bldg. 56, wallet stolen \$35; 33 Mass. Ave. bike rack, \$295 bike stolen.

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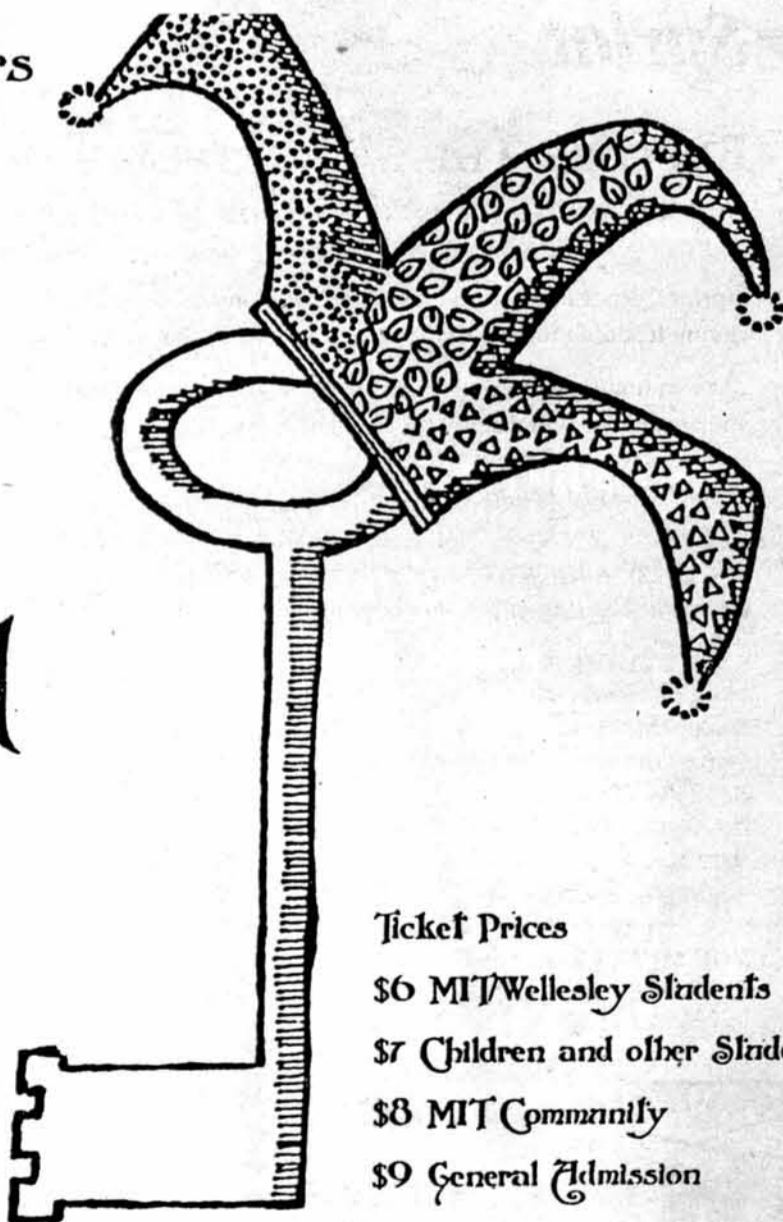
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Freshmen Receive More Housing Info

Survey, from Page 21

halls, rather than ten residence halls plus thirty-four FSILGs."

Men who chose to live in an FSILG also indicated the highest level of satisfaction with their choices; 76 percent of men who chose to live in an FSILG indicated they were "very satisfied" with their housing decision, compared to 61 percent in residence halls. The report said these results were consistent with a pattern of increased satisfaction with FSILGs seen in other surveys, including the 1994 and 1998 senior surveys. These surveys indicated that features such as communal dining, good social life, close friendships, a sense of community, supportive upperclass students, alumni whom students considered friends or mentors, and intellectual stimulation were more commonly found in FSILGs than residence halls.

Academic Orientation changes

A slightly higher percentage of freshmen indicated that they had sufficient time and information to make an informed decision about

which classes to take in the fall. In 1998, 73 percent of freshmen said they had a "sufficient" or "very sufficient" amount of time to make academic decisions as compared to 62 percent in 1997.

The report suggested that several changes might have accounted for this difference. The Freshman Handbook was mailed in May rather than June this year. Freshmen also had opportunities to discuss academic issues with their orientation leaders. The level of participation in the Academic Expo also increased, from 62 percent during R/O '92 to 89 percent during Orientation '98.

Overall, the number of freshmen who indicated they were "satisfied" or "very satisfied" with orientation increased from 58 percent in 1997 to 63 percent in 1998. The largest increase in satisfaction was among men who chose to live in residence halls, where the percent who indicated they were satisfied jumped from 43 percent in 1997 to 66 percent in 1998. The greatest decline was among men who chose to live in FSILGs where the percentage declined from 66 percent to 57 percent.



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April 20, 1999
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9:00 a.m. - Program
11:00 a.m. - Adjourn

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Gastroenterologist, Newton-Wellesley Medical
Assistant Professor of Medicine, Tufts Medical School*

*Dr. Margaret Ross
Psychiatrist, MIT Medical
Instructor in Psychiatry, Harvard Medical School*

**Thursday April 22, 1999
Room 6-120 7:30pm**

Questions??? e-mail shar@mit.edu or cfung@mit.edu

MIT Explores Ideas For Graduate Dorm

Forum, from Page 19

dormitory on land donated by MIT. This possibility is related to one of the current housing options open to graduate students, living in off-campus apartments in buildings such as 1010 Massachusetts Avenue owned by the MIT Real Estate Office.

MIT houses 32 percent of its graduate students, Bacow said. Harvard houses 37 percent of its graduate students, and other peer institutions range from 11 percent at the University of

California-Berkeley to 59 percent at Caltech and 61 percent at Princeton, Bacow said, adding that MIT has had a "longstanding goal of housing 50 percent of graduate students."

Present at the forum were Senior Associate Dean of Graduate Education Isaac M. Colbert, Associate Dean of Residence and Campus Activities Andrew M. Eisenmann '70, Curry, Bacow, Dean of Undergraduate Education Rosalind H. Williams, and Philip S. Khoury, Dean of the School of the Humanities and Social Sciences.

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ISRAEL WEEK



ISRAEL'S INDEPENDENCE DAY

Tuesday, April 20, 8:00 p.m.
Yom HaZikaron / Yom HaAtzmaut
Room 3-133

Celebrate Israel's 51st Anniversary Multi-Media Show, Israeli music and foods. A brief service honoring the memory of Israel's fallen soldiers will precede activities.

ISRAEL BOOTH

Friday, April 23, 11:00 a.m. - 5:00 p.m.
MIT International Fair, Kresge Oval
Israeli food, Hebrew calligraphy demonstration, Cultural display & literature

ISRAELI MOVIE MARATHON

Saturday, April 24, 9:00 p.m.
Room E51-335
"The Road to Rabin Square" (1997) Documentary, 60 minutes
"The Big Dig" (1969) Comedy, 95 minutes
"Underdog: A Sports War Movie" (1996) 85 minutes

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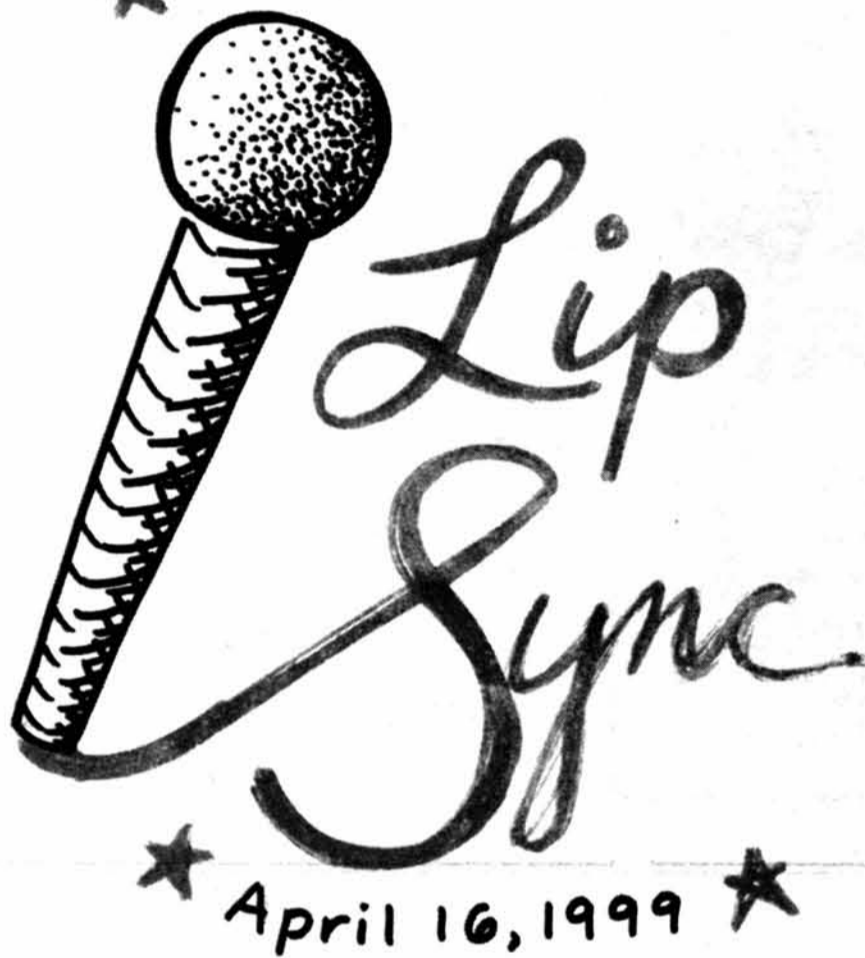
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Bates Lab Receives Additional Funding

Richardson, from Page 1

\$10.8 million to \$2.5 million, beginning October 1, 1999. However, with the amendment in place, Bates has been revived with a \$14.5 million grant for the Bates Large Acceptance Spectrometer Torrid (BLAST) and other experiments. Richardson estimates that the revised funding should keep Bates in operation until 2004.

Richardson expressed his support for the continuance of research at the lab. "I want to show a commitment to science," the energy secretary commented. "I do not want to terminate my relation-

ship with MIT. You're the best scientists in the world." Richardson also announced that his amendment was officially approved by the Office of Management and Budget.

After the meeting with researchers, Richardson was offered a tour of the facilities. He was shown the BLAST project, which is currently under construction, and other equipment already in use.

The tour ended with an award ceremony. Richardson presented the Peter T. Demos Award to Xiaodong Jiang for his outstanding contribution to the Out-of-Plan Spectrometer Experiment.

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- 2 Sign up for an interview on the board outside 10-140 and submit your application by Wednesday, April 21.
- 3 Go to an interview on Tuesday, April 27 or Wednesday, April 28

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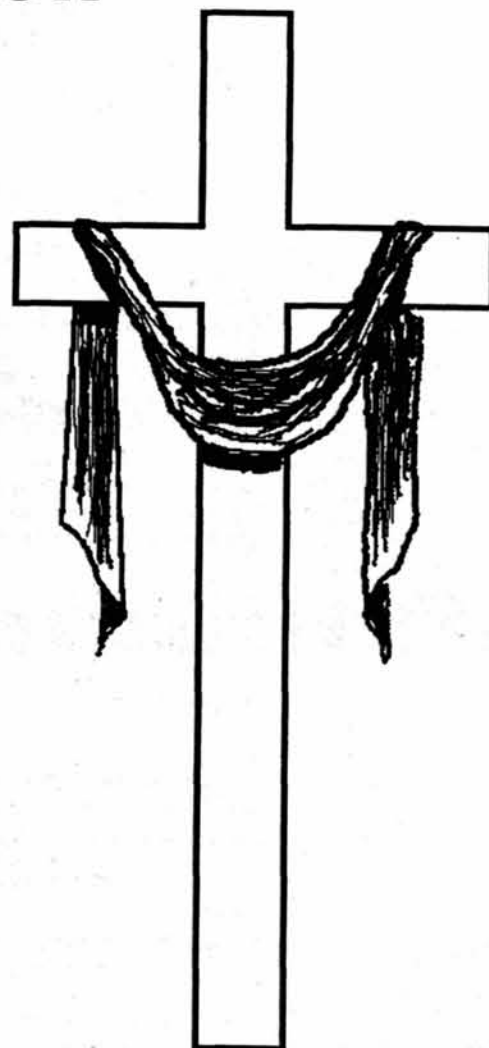
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Ellefson Qualifies To Compete At Div. II Gymnastic Nationals

By Roger Crosley

DIRECTOR OF SPORTS INFORMATION

MIT gymnast Sonja Ellefson '01 has qualified for the USA Gymnastics Division II National Championships. The Edina, Minn. native is the only Division III female gymnast in the country to qualify for the event which will be held in New Haven, Conn., April 15-17. Ellefson qualified in the all-around.

Lacrosse

MIT lacrosse players have fared very well lately. For the week ending April 4, attackman Gene Pyo, a senior from McLean, Va., was named the New England Women's and Men's Athletic Conference (NEWMAC) Player of the Week following a week in which he scored 12 goals and added seven assists. Additionally, Matt Van Horne '02 and Eli Weinberg were honored. Van Horne was the NEWMAC Rookie of the Week. The attackman from Liverpool, N.Y., also netted a dozen goals and dished out five assists. Weinberg, a native of Needham, Mass., was honored as the Eastern College Athletic Conference Division III Men's Lacrosse Rookie of the Week. A midfielder, Weinberg registered 15 points and collected 33 groundballs in three games. For the week ending April 11, women's player Maddy Burke was the NEWMAC Player of the week. In a 2-1 week for the Engineers, Burke tallied 15 goals and assisted on five others. Burke is a senior attack person from Acton, Mass.

Baseball

In NEWMAC baseball, MIT's Zach Jenkins '01 of Pensacola, Fla., has been named the NEWMAC Pitcher of the Week for the week ending April 4. Jenkins hurled two complete game conference victories with a 5-1 win against Worcester Polytechnic Institute and a 4-2 victory over league leading Wheaton College.

Water Polo

The MIT water polo team has recently been honored by the American Water Polo Coaches Association as the team with the third highest academic grade point average in the nation. The Engineer's 3.38/4.0 GPA trailed only St. Francis College (3.51) and Harvard University (3.43). Nine different individuals from MIT were named to the team. In the Outstanding (3.71-4.0/4.0) category were Stefan Bewley '01, from Atascadero, Calif.; and juniors Jorg Schlovin from Wolfsburg, Germany, and Larry Aller of Santa Barbara, Calif. On the Superior (3.41-3.70) squad were Wesley Chao '00 from Beijing, China, Andover, Mass. native Nicholas Vantzeldfde '01, Milos Komarcevic '99 from Belograd, Yugoslavia, and Adrian Gomez '99 from San Diego, Calif. The Excellent (3.2-3.4) category included Benjamin Chun '00 from Vacaville, Calif., and Aditya Prabhaker of Cerritos, Calif.

Tennis

The MIT men's tennis doubles team of Eric Chen '00 of Topeka, Kan., and Ben Cooke '00 of Washington, D.C., are currently the third ranked doubles team in the East in the latest Intercollegiate Tennis Association Division III

rankings. Chen and Cook will have the opportunity to improve their ranking. They play the second ranked team from Swarthmore College this coming weekend, and will play the first ranked team from Williams College on May 1.

Sailing

MIT's sailing teams continue to perform well in the national rankings. The co-ed team has climbed to 14th place in the country, while the women's team holds on to the seventh spot in those rankings.

Other awards

Walter Alessi, MIT's men's

lacrosse and men's soccer coach has recently been elected to the Hall of Fame of the Eastern Massachusetts Chapter of U.S. Lacrosse. Alessi, who was an All-America defenseman at the University of Massachusetts, has coached the Engineers for the past 25 seasons, and has been active on an administrative level on a regional basis throughout his MIT tenure. In 1998 Alessi was the Pilgrim League Coach of the Year. A native of Newton, Mass., Alessi currently resides in Millis, Mass. The induction ceremony will be held at the Newton Marriott on June 11.

Purcell Qualifies For World Championships

By Evangelos Efstathiou

TEAM MEMBER

Caroline Purcell '02 qualified for the Junior World Championships in Women's Sabre, which are being held the weekend of April 24th in Dijon, France. She is ranked second in the Under-20 National standings and sixth in the senior. Only three Americans were selected to represent the United States. This is the first year of World Championship competition for women's sabre.

Purcell and three other MIT fencers are fencing at the U.S. Fencing Nationals in South Bend, Indiana this weekend. All

Nationally ranked fencers are eligible to participate. Kari Backes '97, the 1998-99 women's epee assistant coach for MIT, is currently ranked 55th in the country. MIT sabre fencers Brian Bower '99 and Evangelos Efstathiou '00, are ranked 33rd and 64th respectively. Bower and Efstathiou will fence the individual event as well as a team event with a third fencer from Brandeis.

Last year, Purcell took sixth place, while Bower placed 20th and Backes 26th. Fencers who place in the Top 48 receive points that are used to calculate National rankings.

MIT Hosts Open Ballroom Dance Competition

By Catherine Sanders

TEAM MEMBER

The 1999 MIT Open Ballroom dance competition, one of the largest collegiate competitions in New England with nearly 500 competitors from over 30 different schools, was held this past weekend in DuPont Gymnasium. Schools as far away as the University of Maryland and Pennsylvania State University and schools right next door such as Harvard University and Northeastern University attended. The MIT ballroom dance team, which has now grown to over 80 members, has hosted this event for three consecutive years.

The event's trademark is that it offers all 19 competitive ballroom dances at three levels of dance experience; no other collegiate competition in the New England area does this.

The two-day event ran from 8 a.m. to approximately 7 p.m., and was action-packed with dance events such as samba, cha-cha, jive, swing, waltz, foxtrot, and tango. Highlights of the weekend that generated the most school spirit were the team matches, during which members of ballroom dance teams combine their scores to see which team performs best overall. The MIT beginners (those who have joined the team within the past year) won first place in the beginner team match, edging out Harvard and eight other schools that entered this event.

The Engineers performed extremely well, winning numerous ribbons on both days of the competition. On Saturday morning, MIT swept the beginner international paso doble, winning five of the six places in the event; the first place winners were Sam Soplee G and Carly Klein '00. William Liteplo G and Margaret Wong '02 placed second in the beginner international samba and paso. Tony Maestro G and Sally Yu '00 won second place in the beginner rumba. Boris Berdnikov G and Sofya Raskhodnikova G won third in the paso doble, while Ben Sun G and Sherry Jenq '02 placed fifth and Bernt Schiele and Silke Schiele placed sixth. Pubudu Wariyapola G and Viktoria Kheifets '00 won third place in the advanced international rumba and the paso doble; and Mark Herschberg '95 and Tammy Yap '99, placed fourth in the advanced paso doble. Feng Li and Wendy Luo won sixth place in the advanced samba. In the open level, the most challenging competitive level in which dancers choreograph their own routines, Michael Posner and Reena Freedman won second place in the samba and paso doble, third in the jive, and fifth in the cha-cha.

In the international standard events, Berdnikov and Raskhodnikova won first place while the Schieles placed seventh in the beginner waltz and won second place in the beginner tango. Liteplo and Lin won third in the beginner tango and quickstep; they also placed seventh in the beginner foxtrot. Soplee and Klein won the beginner foxtrot and beginner tango and placed eighth in the advanced waltz. Cheolku Kang and Jaeock Yoon were the clear favorites in the advanced international standard category, winning first place in the waltz and tango and second in the Viennese waltz and foxtrot. Stephen Gildea and Phyllis Kristal won fifth in the waltz of this category, third in the tango, and fifth in the quickstep. Seth Webster G and Christine Tsien G won fourth in the

advanced Viennese waltz and third in the quickstep. Wariyapola and Kheifets won seventh place in the advanced tango and sixth in the advanced waltz, while Yedil Workeneh '98 and Isin Dalkilic '99 placed eighth in this event, plus placed seventh in advanced Viennese waltz, and fifth in advanced foxtrot. In the newcomer category, in which eligibility is restricted to dancers with only a few months dance experience, Steve Santoso G and Felice Sun G placed third in the waltz. Michael Otero and Marta Lipinski G won fourth place in the open international foxtrot and sixth in the open international tango and Viennese.

On Sunday, in the American style events, Maestro and Yu won first place in the beginner American bolero. Berdnikov and Raskhodnikova

won second in the rumba of this category. Liteplo and Wong won first place in the beginner mambo and second place in the beginner bolero. Mohammed Zaman and Lauren Bradford '02 won fifth place in beginner bolero, fourth place in beginner swing, and sixth place in the beginner mambo. Liteplo and Wong won fifth place in beginner swing. Jeremy Zucker and Michelle Goldhaber won third place in the beginner rumba, fifth in cha-cha and fourth in mambo of the same category as well as winning the overall beginner American rhythm trophy. In the advanced category, Wariyapola and Kheifets won fifth place in the bolero. In the newcomer category, Santoso and Sun won seventh place in the swing. Wariyapola and Kheifets won sixth place in the open cha-cha. Posner and Freedman won the overall open rhythm trophy, placing first in the bolero and mambo, and second in the cha-cha and swing.

In the American smooth events, the Schieles placed second in the beginner foxtrot and fifth in the beginner Viennese. Liteplo and Lin placed sixth in beginner waltz and third in beginner foxtrot. Ben Sun G and Maria Minkoff won seventh in the beginner waltz. Jeeva Munasinghe and Kenia Franco won sixth place in the beginner foxtrot. Captain Eugene Bae G and Stephanie Shaw G won second place in the advanced American waltz and Viennese waltz, while Soplee and Yanfeng Lim G won second in the advanced tango and foxtrot and placed seventh in the advanced

waltz. Bae and Shaw won third and fourth in advanced tango and foxtrot respectively. Wariyapola and Kheifets placed fifth in the advanced Viennese waltz. In the open American events, Posner and Deirdre Pierotti took second place in the waltz and third place in the tango, foxtrot, and Viennese waltz. Wariyapola and Kheifets placed fourth in the open waltz, fifth in the tango, and fifth in the foxtrot. Workeneh and Dalkilic won sixth place in the foxtrot. Webster and Tsien won fifth in the Viennese waltz. Jung Yueh '95 and Laurie Hurwitz won the open American smooth overall trophy. Although Jung now competes for the Northeastern University team, everyone on the MIT Ballroom Dance Team was especially excited and cheered for him and his partner over their big win, as he is a former captain of the MIT team.

Bae said, "It was a huge success; the MIT ballroom dance team and MIT should be proud. MIT as a whole, especially the MIT athletics department and the MIT dining services, was extremely supportive and really aided in making this event a success."



GREG KUHNEN—THE TECH

Sam Soplee G leads Carly R. Klein '00 in the foxtrot during the MIT Open Ballroom Dance Competition held in DuPont Saturday. The couple took first place in the beginner competition.

The Tech
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Women's Pistol Places Eighth In Intercollegiate Championship

By Gina Yip and Pietro Russo
TEAM MEMBERS

The MIT pistol team placed first in the women's air pistol event and eighth overall in the nation at 19th Annual Pistol Intercollegiate Championships hosted by the National Rifle Association. It was held in Atlanta, Ga., at the Tom Lowe Shooting Grounds, the site of the 1996 Olympic shooting competitions. From March 23-27, the team competed in five events: free pistol, women's air pistol, standard pistol, women's sport pistol, and open air pistol.

The first event was free pistol, in which shooters use a pistol with a six inch barrel and a hair trigger. The 50m range for this event was semi-outdoors. The weather was cold and rainy that morning causing shooters to misfire as a result of having numb fingers. Scores are out of 600 points (60 shots, 10 points max each). Pietro Russo G scored a 509, his personal best for that event, and placed ninth in the nation. Tracey Ho '99 placed 14th with a 505. Joe Foley G placed 22nd with a 484. Cheewee Ang '01 placed 23rd with a 479. Nathan Ickes '01 placed 27th with a 474. The free team scored a total of 1977 and

placed fifth in the nation. In first place was U.S. Air Force Academy with a score of 2040; in second was University of Utah with a 2022; and in third place was U.S. Naval Academy with a 2012.

Women's air (40 shots with a .177 caliber air pistol) was in the afternoon. Ho shot a 358 and came in sixth place, Hattie Gruneisen '00 shot a 355 and came in 8th, and Melissa Miao '02 shot a 344. The team won the event by two points over University of Utah, making MIT the winner two years in a row for this event.

On the next morning, standard pistol was fired. The standard pistol is a semi-automatic .22 caliber gun. Out of the 60 shots fired, 20 are slow fire (5 shots in 150 seconds), 20 are timed fire (5 shots in 20 seconds) and 20 are rapid fire (5 shots in 10 seconds). Russo shot a 523, ranking 13th in the nation. The team also included Ang shooting a 495, Brian Romo '00 shooting a 489, and Eko Lisuwandi '01 shooting a 459 for a total score of 1966 and ninth place.

Women's sport was in the afternoon. This event uses the same gun as standard, but the course of fire consists of 30 shots of preci-

sion fire and 30 shots of duel fire. MIT did not qualify as a team, but Ho qualified as an individual. She shot a 516, placing 13th in the nation.

On the final day, open air pistol (60 shots) was shot in the morning. Ho shot a 550, ranking 12th in the nation. The air team also included Russo shooting a 536, Ickes shooting a 530, and Gruneisen shooting a 510. MIT placed eighth in open air with a score of 2126. Army and Navy were tied for first with 2205, and Navy won the tiebreaker (determined by the last 10 shots of each team member). University of Utah placed third with a 2190. MIT came in eighth place overall with a score of 6069. The aggregate score is the sum of free, standard, and open air pistol scores. Army placed first by one point over Navy, with a score of 6304. Ho was named to the All-American team for air pistol for a second consecutive year.

The Melarango Trophy that was funded by MIT pistol alumni was presented at the awards ceremony. It will soon become the national trophy for women's air individual champion. The trophy was named to honor Pat Melarango, who was the MIT pistol coach for 19 years.

Engineers Score 14 Runs, Destroy Albertus Magnus

Baseball, from Page 32

nents' bats, and Brian Furgala '02 appeared virtually unhittable in relief. Short relief specialist C.J. Albrecht '00 came in to mow down the hitters in the ninth, and preserve the 14-6 victory.

Apparently, the MIT nine didn't use up all their hits against Albertus Magnus, because once again, the offense sparkled against Worcester Polytechnic Institute on Thursday. A barrage of home runs gave the Engineers a late inning lead, but they weren't able to hold on as WPI rallied to win 11-9.

Boston baseball legend Luis Tiant was in town the following day, as coach of MIT's opponent

the Savannah College of Art and Design. The formidable Bees scratched their way to an early 4-0 lead, but the MIT offense came to life late and rallied to cut the deficit to one run. Sadly, they were unable to muster anymore runs, and ended up losing 5-3.

Another conference foe, Springfield College, awaited MIT on Saturday for a doubleheader. In the first game, Zach Jenkins '01, named New England Women's and Men's Athletic Conference (NEW-MAC) Player of the Week the previous week, pushed his record to 4-0 by pitched brilliantly in the 8-6 victory. The Engineers floundered late in game two, losing 14-8 and splitting the doubleheader.

Lady Engineers Play Well at Middlebury

By Nisha Singh
TEAM CAPTAIN

Last weekend, the women's tennis team travelled to Vermont to play in the annual Middlebury College Invitational Tennis Tournament. The tournament consisted of three singles flights (combining first/second, third/fourth, and fifth/sixth singles in each).

In singles, Kelly Koskelin '02 advanced all the way to the semifinals on Sunday. Seeded second, she received a bye in the first round. The windy conditions affected her game, as she struggled to a 3-6, 6-1, 6-4 victory in the 2nd round against Nazareth College. However, she found her rhythm just in time as she crushed Connecticut College 6-1, 6-2 in the quarters. She faced the fourth seed from Middlebury in the semifinals, and lost a close one, 7-5, 6-2. In the same flight, Jessica Hall '02 also received a first round bye, but then had the misfortune to draw the top seed from Colby College in the second round. However, she battled her opponent for every point, and lost a hard-fought 6-4, 6-3 decision.

In doubles, Koskelin and Hall cruised in the first two rounds. They defeated William Smith College 8-2 in the first round, and St. Lawrence University 8-1 in the quarterfinals. However, they faced a much tougher Hamilton College opponent in the semifinals, losing a close

match 9-7

In the "B" singles flight, Nisha Singh '00 faced William Smith in the first round. Singh fell in three sets 5-7, 6-2, 6-4 after battling in the wind for over 2 hours. Also in the "B" singles flight, Yi-Ning Cheng '02 received a bye in the first round, but lost to Nazareth, 6-1, 6-0.

Singh and Cheng put their singles disappointments aside and advanced all the way to the finals in the flight "B" doubles. After receiving a first round-bye, they got by Monclair State College 8-6, in the quarterfinals, and crushed St. Lawrence 8-2 in the semifinals. They couldn't quite pull off the upset of host Middlebury in the final, as they lost 8-3.

In the "C" singles flight, Leela Ramnath '02 advanced to the second round after beating a St. Lawrence player 6-3, 6-3. She lost to Connecticut College. Divya Bhat '02 lost in the first round to Vermont, 6-0, 6-4. The two teamed together in the "C" flight doubles, where they lost in the first round to William Smith 8-5. They also lost two consolation rounds, 8-4 to Nazareth and 9-7 to Cortland.

The team travels to Williams College on Friday for their next match. They will then compete in the New England Showcase at Wellesley College this coming weekend.

Freshman Crew Still Undefeated

Crew, from Page 32

Massachusetts Maritime Academy (6:25.6) added some excitement through the early part of the varsity race before being left in the wake of the two leaders.

In the junior varsity race, the Engineers and Williams again battled side-by-side down the course. This time, however, Williams (6:00.3) won the struggle over the MIT squad (6:03.3) which consisted of Winnie Yang '02 (cox), Greg Bollrud '99 (stroke), Mike Dewberry '00, Andrew Copeland '01, Mark Jhon '01, James Snyder '01, Mike Salamina '00, Igor Belakovskiy '01, and Melahn Parker '01 (bow).

The MIT first freshmen (6:19.6) avoided the close contests that the varsity crews faced by taking an open water lead from Williams (6:32.6) and Worcester Polytechnic Institute (6:32.6) within the first 500 meters and leaving their two opponents behind behind to fight one another.

The MIT heavyweights race next on April 17 in Princeton, N.J., against Princeton University and Harvard University, the first and second ranked crews in the Eastern Sprints League. Princeton is the defending Collegiate National champion.

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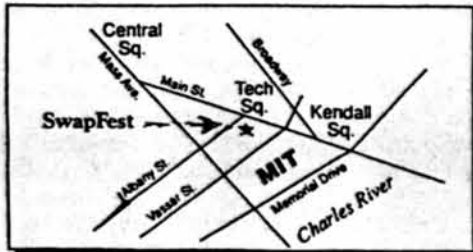
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SPORTS

Varsity Heavyweight Edges Out Williams

By Karl Richter
TEAM CAPTAIN

MIT's varsity heavyweight crew has regained momentum and confidence after defeating Williams College on April 10 in Worcester, MA. The freshmen also won easily, improving their record to 3-0 this spring, while the junior varsity just missed Williams in a close contest.

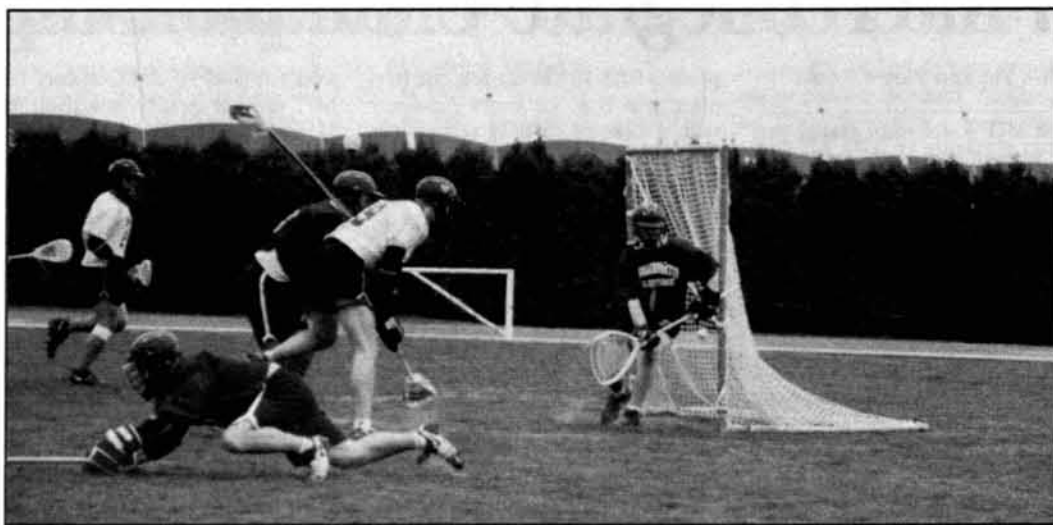
At 45 strokes per minute off the start, the varsity squad found themselves half a length up on Williams within the first 20 strokes of the race on a windy Lake Quinsigamond. Apparently, Coach Gordon Hamilton's attention to starting drills during the week's practice remedied the lethargic attempts which had plagued the favored MIT varsity off-the-line in last weekend's season-opening loss to Columbia University. The varsity may also have found some speed with a lineup change, as well, as Jeb

Keiper '99 moved into the three-seat of the varsity from the junior varsity boat. The rest of the team consisted of Bob Broderick '99 (cox), Karl Richter '99 (stroke), Christopher Penny '01, Mike Perry '99, Daniel Parker '99, Damon McMillan '00, Solar Olugebefola '99, and Eugene Weinstein '00 (bow).

Racing more aggressively and with better rhythm than they had demonstrated in New York, the Engineers were able to move out on Williams decisively at several points during the race. Williams mustered a valiant response by surging back each time, but MIT was able to hold them and control the race from the lead. MIT covered the 2000 meter course in 5:53.6 to Williams' 5:56.6.

Connecticut College (6:03.4) and

Crew, Page 31



MING-TAI HUH—THE TECH

Pascal Rettig '01 fires a shot to score against the Massachusetts Maritime Academy Buccaneers Wednesday in Steinbrenner Stadium. MIT triumphed 13-8 to improve their record 5-1.

MIT Shaky in Seven Game Stretch

By Ahren Lembke-Windler
TEAM MEMBER

The MIT baseball team experienced its share of ups and downs, as the season went into full swing the

week beginning April 5. A grueling schedule had them playing seven games in six days, and pitted them against some stiff competition.

The week began with a matchup against the Wentworth Institute of Technology. Jeff Colton '02 pitched admirably in his starting debut, but the Engineers performed hideously in the field. The team committed eleven errors in allowing eleven unearned runs in the 12-4 defeat.

A different and more focused team showed up on Tuesday for a game against traditional conference rival Babson. Jeff Billing '01

pitched brilliantly for eight innings, and Kevin McKenney '00 added a home run and went 3-4 as the game came down to the wire. Unfortunately, the gritty Babson squad pushed across four runs in the ninth and stole the victory 6-2.

However, redemption arrived on Wednesday as Albertus Magnus College cruised into town and took quite a beating. Dave Pihon '00 and captain Joel Morales '99 both homered in the 14 run offensive. Tyler Pope '99 held down the oppo-

Baseball, Page 31



MING-TAI HUH—THE TECH

Third baseman Anna Cherubin '99 prevents a Wheaton College runner from stealing third in Tuesday's game on Briggs Field. Despite her efforts, MIT lost 8-0.

UPCOMING HOME EVENTS

Friday, April 16

Baseball vs. Gordon College, 3:00 p.m.

Saturday, April 17

Baseball vs. U.S. Coast Guard Academy, 1:00 p.m.
Men's Lacrosse vs. Babson College, 3:30 p.m.

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