

Dining Plan Stresses Profitability, Choice

By Jennifer Krishnan
NEWS EDITOR

The Campus Dining Review Board has identified participation by choice and financial self-sufficiency as major goals for MIT's dining system in a preliminary "information packet" that begins the task of redesigning MIT's dining system.

The report, which was released on November 20, acknowledges "that the most important aspect of dining is that quality food be provided at a fair price," said Jennifer M. Farver G, co-chair of the Graduate Student Council Housing and Community Affairs Committee and a member of the Campus Dining Board.

Special Assistant to the President and Chancellor Kirk D. Kolenbrander, who serves as interim chair of the Board, said that more specific recommendations will follow before the end of this term.

Dining system losing millions

The information packet also reveals that MIT's dining system is losing money. Expenditures on prepared food on campus exceeded revenues by more than \$2 million during the 2001 fiscal year.

"That's two million dollars that you and I don't have to do other things," Kolenbrander said. "It's important that we all understand that one way or another, we pay for it."

MIT is "alone in higher educa-

Dining, Page 14



Superchunk drummer Jonathan Wurster looks on as frontman Mac McCaughan tweaks his synthesizer. See story, page 8.

MIT dining stats			
Prepared Foods	revenues	expenses	profit
Lobdell / Catering / Student Ceter	\$4,635 K	\$5,726 K	-\$1,091 K
Walker / Coffee shops	\$2,456 K	\$2,733 K	-\$277 K
Courses	\$832 K	\$1,132 K	-\$300 K
Refresher Course (Sloan)	\$481 K	\$523 K	-\$42 K
Faculty Club	\$2,587 K	\$2,792 K	-\$205 K
Next House	\$104 K	\$128 K	-\$24 K
MacGregor Convenience	\$558 K	\$609 K	-\$51 K
Baker House	\$175 K	\$198 K	-\$23 K
McCormik Hall	\$15 K	\$15 K	\$0 K
Vending	\$154 K	\$15 K	\$139 K
Other	\$250 K	\$419 K	-\$169 K
Totals	\$12,247 K	\$14,290 K	-\$2,043 K
Personal Cooking	expenses		
Kitchen Renovation	\$875 K		
Appliance Replacement / Repair	\$119 K		
Utilities	\$50 K		
Total	\$1044 K		

SOURCE: MIT CAMPUS DINING BOARD

Course VI Offers Incentive to TAs

By Helana Kadyszewski
STAFF REPORTER

Beginning this spring, the Department of Electrical Engineering and Computer Science will offer a \$185 monthly stipend bonus to doctoral teaching assistants with at least one term of teaching experience.

Doctoral candidates who have previously worked as a Course VI TA and wish to continue are eligible for a \$2035 monthly stipend instead of the normal \$1850.

Course VI Executive Officer and Professor Frederick C. Hennie '55 oversees TA appointments in the department. He said the raise is aimed to reward qualified teaching

assistants who are dedicated to teaching, and also to provide some incentive for experienced TAs to continue.

However, Masters of Engineering (M.Eng.) students are not eligible for the bonus. "We would offer all of our TAs a raise if we could, but the budget does not allow it," Hennie said.

While the department does not anticipate a TA shortage for the coming terms, it realizes that it must maintain high teaching standards for the benefit of their enrolled students. Furthermore, the department wishes to financially support its graduate students during their studies, especially with

the high cost of living in the Boston area.

TAs earn credit, pay

Graduate students register their TA duties as 24 units of Institute credit hours. The duties of the TA are highly dependent upon the class they are assigned to, but generally include assisting the lecturer with grading, teaching recitations, weekly instruction, and assisting with demonstrations.

Course VI TAs said that their demanding schedules merit the 24 units of credit.

"When they say 24 units, they

TA, Page 17

Deutch Says U.S. Faces More Attacks



Former CIA director and MIT professor John Deutch gives a lecture entitled "Combating Catastrophic Terrorism" in 26-100. Deutch focused on the dangers he expects the United States to face in the coming years, and how he believes we can oppose them.

By Dinsha Mistree

Institute Professor and former Director of the Central Intelligence Agency John M. Deutch '61 painted a dark picture of America's terrorism preparedness in a recent speech.

During Tuesday's talk, which filled 26-100, Deutch said that America is vulnerable to all sorts of terrorist activities, from cyber-terror to biological attacks. Determined, well-financed groups are very likely to threaten American security in the future, Deutch said.

Deutch had silenced the audience with his dire assessment, and then offered a prediction: America can expect one or two "catastrophic" attacks each year. However, near the end of the talk, Deutch apologized to the audience for having presented "... a kind of somber picture" of American preparedness.

The lecture, "Combating Catastrophic Terrorism," began with an explanation of the difference between catastrophic and conventional terrorism. Conventional terrorism occurs when a citizen or group of people attack an important

Deutch, Page 18

CIA Job Applications Rise In Weeks Following Attacks

By Aaron Du
STAFF REPORTER

As the ruins of the World Trade Centers smolder and cleanup proceeds in New York, U.S. intelligence and defense agencies are scrambling to coordinate the war in Afghanistan and anti-terrorist measures at home.

However, according to officials at the Central Intelligence Agency, their recruiting policies have not changed significantly due to the September 11 attacks.

CIA recruitment has been expanding steadily in recent years. "Congress has appropriated additional funds to expand the CIA recruiting effort," said Tom Crispell, a public relations official with the CIA. "It has been a continuing process that took place sometime before the tragedy."

However, interest in intelligence-related careers has increased dramatically since September 11. Applications and resumes have flooded intelligence agencies such as the CIA.

"We have received 31,500

resumes from the day of the tragedy to last Friday," Crispell said. "That comes down to three to five hundred resumes each week."

Crispell said that immediately following September 11, the CIA was receiving 5000 resumes weekly. "It is a huge increase from the past year in terms of the number of resumes," Crispell said.

MIT recruiting continues

The CIA has traditionally recruited heavily at MIT. "We're looking for people with computer skills, language skills, people with hard science backgrounds, and engineers of all types," Crispell said. "We are just finishing our recruiting at MIT and other campuses around the nation. Right now we are moving into the screening process."

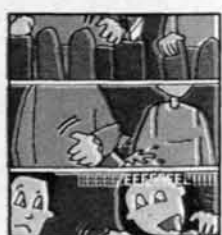
The screening process at CIA usually involves rigorous medical and polygraph examinations as well as a background investiga-

Recruiting, Page 17



Harry Potter might be too true to the book.

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Comics

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OPINION

Michelle Povinelli discusses the impact of recent anti-terrorism legislation on foreign students.

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WORLD & NATION

Five Servicemen Wounded In Taliban Prisoner Revolt

LOS ANGELES TIMES

WASHINGTON

Five U.S. servicemen were injured seriously by "friendly fire" Monday in the effort to quell a revolt by Taliban prisoners in northern Afghanistan, the Pentagon said, and reports persisted that a CIA operative was dead or missing.

The servicemen were wounded when a U.S. satellite-guided bomb missed its target after the team had called in airstrikes in support of Northern Alliance forces, Gen. Richard B. Myers, chairman of the Joint Chiefs of Staff, told reporters.

They were said to be in serious condition Monday at a U.S. military field hospital in Uzbekistan. Medical teams planned to move them to Landstuhl, Germany, for further treatment when their conditions stabilized, Myers said. Their identities were not released.

CIA spokesman Bill Harlow said he would not discuss reports that a CIA officer or contract employee was among the casualties of the prison uprising. He said, however, that the situation at the prison remained uncertain and the agency was not sure whether the individual was dead or missing.

FBI Probing Disappearance Of Infectious Disease Expert

NEWSDAY

One of the United States' more prestigious infectious diseases scientists, mentioned as a candidate for the Nobel Prize, has disappeared under mysterious circumstances in Memphis, Tenn.

Because Harvard University biologist Don C. Wiley's work involved such deadly microbes as influenza, HIV and Ebola, the FBI and Memphis police are pursuing his disappearance as possibly linked to bioterrorism.

William Woerner, chief of the FBI's Memphis office, told reporters Monday that the bioterrorism link may be a stretch. Wiley is not known to have worked on living anthrax viruses. But, Woerner said, given the current atmosphere in the United States, coupled with the baffling nature of Wiley's disappearance on Nov. 16, the FBI is not discounting the possibility that someone targeted Wiley because he thought Wiley might be a source of either microbes, or vital information about dangerous viruses.

Wiley was one of the world's leading experts on the detailed chemical mechanisms viruses use to gain entry into human cells, and on the ways human antibodies distinguish between nasty invaders — such as flu viruses — and a person's own cells and proteins.

Afghan Leaders Prepare for Talks

LOS ANGELES TIMES

KOENIGSWINTER, GERMANY

Afghan political leaders settled into a secluded Rhine Valley guest house Monday and began behind-the-scenes maneuvering ahead of Tuesday's U.N.-sponsored talks on creating a transitional administration for their nation.

Delegates from three of the four factions invited for talks caucused with conference host Lakhdar Brahimi, the U.N. special envoy for Afghanistan, and huddled in small groups in the rooms where German hosts have them sequestered in hopes that "cabin fever" will force an agreement.

"They've been talking to each other, and we are encouraging this," U.N. spokesman Ahmed Fawzi said of the impromptu negotiations among delegates waiting for the last stragglers, members of the Northern Alliance, to arrive at the secluded Petersberg guest house overlooking the foggy, rain-dappled Rhine River near Bonn.

The talks originally were scheduled to begin Monday. The day off forced by the delayed arrival of those coming from Kabul left the rest of the approximately 30 political figures with time on their hands.

FBI Links Virginia Resident To September WTC Attacks

By Patricia Davis and Brooke A. Masters
THE WASHINGTON POST

WASHINGTON

The FBI Monday outlined a series of connections between an Alexandria, Va., man and al Qaeda terrorists linked to the Sept. 11 attacks, including assertions that hijacker Mohamed Atta confided his hatred of the United States to him and that he helped Atta move into a Hamburg apartment.

In testimony in U.S. District Court in Alexandria, an FBI agent also said that a reputed 20th hijacker — who is still at large — twice used his association with the Virginia man, Agus Budiman, to try to enter the country, both times unsuccessfully.

But Special Agent Jesus Gomez had barely begun his testimony at Budiman's detention hearing when the proceeding was suddenly halted. Budiman was in court for what his attorney thought was a routine fraud case unrelated to the terrorist attacks. Buchanan immediately postponed the hearing until Thursday, after Budiman can get a new attorney. But before the testimony was halted, new details emerged tying Budiman, 31, to some of the

hijackers and a terrorist cell in Germany that authorities say spawned the attacks. Budiman, an Indonesian citizen, lived and studied in Hamburg before coming to the United States in October 2000.

Gomez's testimony revealed the strongest link yet between any Washington area resident and the terrorists.

Associates of Budiman's acknowledge that he knew Atta and others blamed for the attacks but that Budiman said he hadn't spoken to them since moving to the United States and had nothing to do with the plot.

Gomez testified that Budiman knew Atta and Marwan Al-Shehhi, who flew planes into the World Trade Center, and Ramsi Binalshibh, a Muslim cleric living in Hamburg. FBI Director Robert Mueller identified Binalshibh as the 20th hijacker who was supposed to be aboard the plane that crashed into a Pennsylvania field.

Atta, the leader of the plot, and Binalshibh were roommates, and Budiman helped them move from one apartment into another, Gomez said. Gomez also testified that Binalshibh twice used Budiman's Washington area address to try to

enter the United States, presumably to take part in the plot. Binalshibh also told Budiman that he wanted to take part in the jihad, or holy war, in Bosnia.

Budiman is charged with helping a friend from Germany exploit a now-closed legal loophole to obtain a Virginia identification card on Nov. 4, 2000. The friend, Mohammed Belfas, who also is an Indonesian citizen, is listed on some federal documents as a contact for Osama bin Laden.

Budiman has told members of Solidarity USA, an organization helping Muslims detained after the attacks, that the FBI questioned and gave him a polygraph test about his associations with Atta and Belfas.

Solidarity USA spokeswoman Adisra Jittipur said that Budiman has told the group that he and Atta "were acquaintances — they were students in Germany — (and that) he had no affiliation with the terrorist attacks."

English, a court-appointed attorney who had met with his client only just before Monday's hearing, later said he was astounded to hear about links between Budiman and the terrorists.

"The charge said nothing about any of this," English said.

Bush Warns Iraq On Weapons

By Ronald Brownstein
LOS ANGELES TIMES

WASHINGTON

President Bush said Monday that Iraq and other nations that develop weapons of mass destruction "will be held accountable," his strongest warning yet that Iraqi President Saddam Hussein could be the next target in the war against terrorism.

Although Bush stopped short of threatening military action, he said Hussein will learn the consequences if he continues to block United Nations weapons inspectors from entering Iraq.

"Hussein ... needs to let inspectors back in his country to show us that he is not developing weapons of mass destruction," Bush told reporters at the White House.

More broadly, Bush suggested the administration may target nations such as Iraq or North Korea that could provide chemical, biolog-

ical and nuclear weapons to al-Qaida or other terrorist groups. "Part of the war on terror is to deny terrorists weapons," Bush said.

White House press secretary Ari Fleischer, peppered later with questions about Bush's remarks, said that the president was not signaling a broadening of the war against terrorism or delivering a new ultimatum to Iraq.

"It's a reaffirmation, a restatement of long-standing American policy," Fleischer said.

But several analysts said Bush's comments could signal an effort to justify eventual military action against Iraq if Hussein does not permit the return of the U.N. weapons inspectors. In that sense, the comments might be analogous to Bush's ultimatum in September, when he warned the Taliban to surrender Osama bin Laden or "share ... (his) fate."

"He is putting Hussein on notice and he has signaled where the policy is heading very directly," said Gary J. Schmitt, executive director of the Project for a New American Century, a Washington think tank. Sen. Joseph I. Lieberman, D-Conn., who has urged Bush to press for Hussein's overthrow, welcomed the president's comments as "exactly the right policy direction to go in to protect the U.S. from another major terrorist attack."

Bush's sharp words followed a recent escalation by other administration officials in the rhetoric aimed at Iraq. Last week, a senior State Department official accused Iraq, North Korea and three other nations of pursuing biological weapons programs. Earlier, National Security Adviser Condoleezza Rice said, "The world would clearly be better (off) ... if Saddam Hussein were not in power in Iraq."

WEATHER

The Die is Cast

By Greg Lawson
STAFF METEOROLOGIST

We have been pretty fortunate with our so-called Indian Summer, though it appears this long, dry, unseasonably mild streak is doomed to end as winter takes the helm. The jet stream has recently shifted into a typical winter regime with a deep, broad trough centered over the country. The theatre is now set for impinging arctic Canadian air just poleward of the jet to battle the warm, moist Gulf air just equatorward. This is a classic recipe for storms that track up the east coast, and we will start receiving some much-needed precipitation this week.

Fortunately, it takes time for winter to fully set in. The branch of the jet from the Gulf up to the Northeast is still sufficiently to our west that the coming storms will only glance us and will only be bringing rain. However, as the snowpack of the Midwest develops and strengthens, the cold boundary beneath the jet will shift farther east and our Nor'easters will start delivering snow. This should not happen for another few weeks, though.

For this week, temperatures will remain on the warm side, just above their climatological norms, with highs in the low to mid 50s F and lows in the mid to upper 40s F. Rain is likely off-and-on from Wednesday into the weekend, as storms approach from our west and southwest.

Winter's die has been cast though.

Extended Forecast

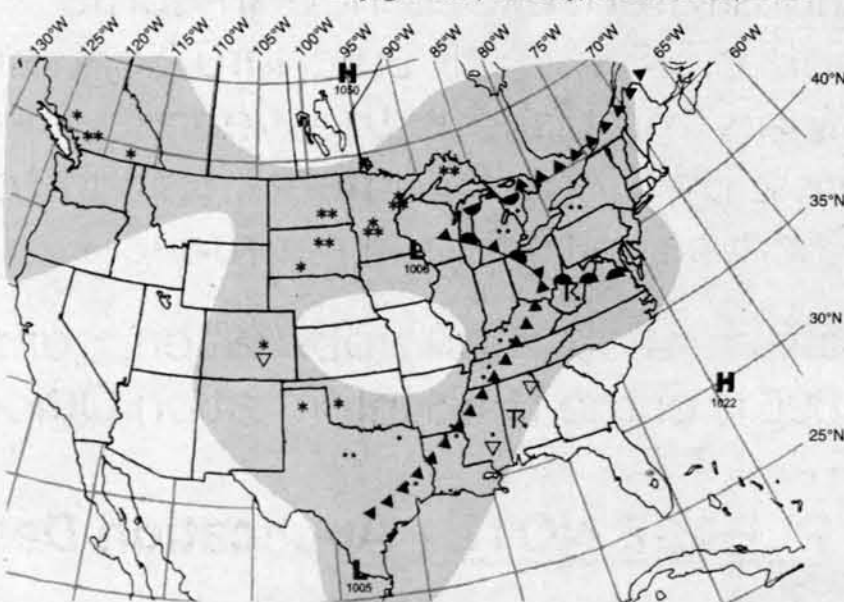
Today: Patchy clouds. Westerly breeze. A warm high of 58°F (14°C).

Tonight: Cloudy with patches of fog. Light northerly wind. Low 44°F (7°C).

Wednesday: Overcast with light rain. Regional fog. High of 50°F (10°C). Low of 40°F (4°C).

Thursday: Patchy clouds with rain showers. High in the mid 50s F (12-14°C). Lows in the upper 40s F (8-10°C).

Situation for Noon Eastern Daylight Time, Tuesday, November 27, 2001



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
	▲▲▲ Stationary Front	☂ Moderate	
		☂ Heavy	

Compiled by MIT Meteorology Staff and The Tech

Pope, President, U.S. Senators Criticize New Cloned Embryos

By Rick Weiss
THE WASHINGTON POST

WASHINGTON

Sunday's announcement that scientists in Massachusetts had begun to make cloned human embryos reverberated through international scientific, religious and legislative circles Monday, culminating in words of disapproval from many and a call in the U.S. Senate to quickly pass legislation banning the research.

"The use of embryos to clone is wrong," Bush told reporters Monday. "We should not as a society grow life to destroy it. It's morally wrong in my opinion."

On Capitol Hill, Sen. Sam Brownback, R-Kan., said he would scrap a recent agreement he'd made

with the Senate leadership, through which all discussion of human cloning legislation was to be postponed until early next year, and would instead push hard to pass a sweeping ban in the waning weeks of this session.

And in Rome Monday, Vatican authorities swiftly and unequivocally condemned ACT's announcement, spurning the idea that an "early embryo" is not yet life. Even the possibility of saving other lives cannot justify the production of an embryo that is destined for destruction, the vatican said in a statement. "If what they call in their article an 'early embryo' ... isn't human life," it asked, "then what is?"

"There is a big difference

between cloning a human embryo in order to create a human being and using laboratory techniques to produce stem cells and other cellular therapies to treat diseases such as Parkinson's, cancer or Alzheimer's," said Daniel Perry, executive director of the Alliance for Aging Research.

Some Senators also spoke out for a tempered response. "I strongly oppose the use of cloning technology to reproduce a human being," said Sen. Edward Kennedy, D-Mass. "But we must also protect essential areas of medical research involving cloning technology, including stem cell research. This research hold enormous promise for achieving breakthrough cures for the dreaded diseases that touch almost every family in America."

Manufacturers Attracted to China With Low Wages, WTO Admission

By Clay Chandler
THE WASHINGTON POST

DALIAN, CHINA

In an eight-hour workday, Mabuchi's production-line workers, nearly all of whom are women in their early 20s, repeat the same motions thousands of times. It is daunting labor that requires clear eyesight, nimble fingers and the ability to concentrate for hours on end. But Mabuchi, like tens of thousands of other foreign manufacturing concerns, has discovered in China a nearly inexhaustible supply of workers capable of handling such assignments — and willing to take them on for a fraction of the pay demanded by counterparts in more advanced economies.

The women on Mabuchi's assembly line in Dalian are the vanguard of what many experts predict will prove to be one of the most important economic developments of the 21st century: the rise of China as a modern industrial powerhouse.

China's emergence as a manufacturing giant is improving living standards here and helping multinationals hold down costs. It's also roiling the global economy, sucking jobs and investment from other countries, straining political support for open trade and driving down the price of tradable goods in the midst of a global recession.

China's admission to the World Trade Organization earlier this month will only add to this trend, increasing its appeal by locking in lower duties

for products it exports. Companies from Taiwan, Japan, the United States and other countries are seeking to satisfy the demands of their customers for lower prices, and China, with its enormous pool of cheap labor, is fast becoming a factory to the world.

Yiping Huang, an economist at Salomon Smith Barney in Hong Kong, cautions that China's labor pool is not bottomless. The government's one-child quota is bound to sap the country of young workers, he said. But executives at foreign manufacturing plants are not concerned.

"This is a big country, with a lot of people who want to work," said one. "I don't see that changing anytime soon."

Energy Industry Alerted to Possible Attack on Natural Gas Supplies

NEWSDAY

WASHINGTON

According to an unverified intelligence report, Osama bin Laden has ordered retaliatory attacks on U.S. natural gas supplies should he or the Taliban's leader be killed or captured, Attorney General John Ashcroft said Monday.

The U.S. oil and natural gas industry confirmed Monday that it went on a higher stage of alert within the past two weeks after the FBI advised the American Petroleum Institute and other national industry groups of the vague, alleged threat.

On Nov. 17, the FBI sent e-mails to its 56 field offices across the country — but not to state and local law enforcement officials — about the alleged threat, which is being taken seriously although the agency has not determined whether it is credible, Justice officials said.

The notice warned that bin Laden may have approved plans to attack natural gas supplies in the event he or Taliban leader Mullah Mohammad Omar were captured or killed. The FBI said the information "was from a source of undetermined reliability."

Asked about the notice Monday, Ashcroft said, "Frankly, those are the kinds of reports which we take seriously ... and we work to elevate our security to alert the interested industry groups, to alert law enforcement."

Russian Court Dissolves Last Independent TV in Russia

THE WASHINGTON POST

MOSCOW

A Moscow court ordered the dissolution of TV-6, the last major independent television station in Russia, a decision that could wipe out the only broadcast voice consistently willing to air criticism of President Vladimir Putin's government.

The court ruled that the station, owned largely by exiled media and automobile magnate Boris Berezovsky, was financially unsound. It agreed with a suit filed by a minority shareholder, Lukoil petroleum company, to liquidate the firm.

The station was a refuge for journalists from another independent station, NTV, whose owner, Vladimir Gusinsky, was forced out last spring by Gazprom, the natural gas giant that is a major NTV shareholder. Gusinsky fled to Spain to escape corruption charges lodged by Putin's government. In effect, two independent broadcast voices have been brought to heel this year.

Although the court ruled on narrow economic grounds — the station is in debt — TV-6 employees said they suspected political maneuvering. Gazprom is partly owned by the government and Lukoil, Russia's largest oil company, deals closely with the Kremlin on important issues of export quotas and taxes. Lukoil officials declined to comment on the suit.

Burchard Scholars Program

All MIT Juniors and Sophomores

The 2001 Burchard Scholars Program Is Now Accepting Applications
On line <http://web.mit.edu/shass/burchard/application.html>

The Burchard Scholars Program brings together distinguished members of the MIT faculty and promising juniors and sophomores who have demonstrated excellence in some aspect of the humanities, arts, and social sciences. 25 Burchard Scholars are invited to a series of dinner-seminars throughout the year to discuss topics of current research or interest by faculty members, visiting scholars, and Burchard Scholars. The 2002 program begins in February.

For information or an application, contact: Dean's Office, SHASS, E51-255 (x3-8961) or the HASS Information Office, 14N-408 (x3-4443).

PLEASE NOTE - Application Deadline is NOVEMBER 30, 2001

Sponsored by the **DEAN'S OFFICE,**
SCHOOL OF HUMANITIES, ARTS, AND SOCIAL SCIENCES

OPINION

Preserve the Student Center Reading Room

The Association of Student Activities (ASA) has recommended that the MIT Science Fiction Society (MITSFS) library be relocated to the fifth floor of the Student Center. The old MITSFS space could then be renovated to house several student groups which currently lack office space. However, this would result in the loss of at least part of the reading room. *The Tech* believes that this unique and valuable asset should be preserved in its current form for MIT students.

The reading room is currently the only space on campus set aside as quiet study space that can be used at all hours. Although none of the Institute libraries are open past midnight, many students do a significant portion of their work well into the morning. Multi-purpose lounges such as Transitions and the dining area of Lobdell are not adequate substitutes, as they are often noisy and distracting places where students not only study, but also eat and socialize. While these spaces are valuable in their own right, the reading room provides a quiet study environment.

The merits of the reading room do not go unnoticed by students. The reading room is frequently filled with students who need peace, quiet, and freedom from distractions to stay on task. On Thursday nights, before many problem sets are due, the reading room is usually filled to capacity.

Last year, students put up strong resistance to a proposal by the administration to use the reading room for Technology Enabled Active Learning (TEAL), part of a Physics Department project to enhance freshman physics classes, which resulted in administrators finding an alternate location for TEAL. *The Tech* urges students to resist this new attempt to take over the reading room. While this time a student group wants control over the space, the potential outcome is the

same: the loss of a unique space that serves a vital purpose for the student community. The student body's success at keeping TEAL out of the reading room proves that if students make their voices heard, they can prevent proposals like this from going through.

The Tech agrees with the motives of the ASA to move the MITSFS library. A different location for MITSFS could provide the society with better walk-by traffic and more room for people to read the books that they house. The MITSFS would benefit from a different location as they are running out of space for their current collection of materials. Furthermore, the MITSFS space is ideal for student groups that are in need of office space.

However, even if we take these benefits into account, the detriment to the student body caused by the harms to the reading room is too great a price to pay. Other underutilized spaces on campus should be examined as possible locations for the MITSFS library.

The ASA should not limit their search to the Student Center, including in their search non-traditional centers of student group activity. Innovations in library design (such as the compact shelving in the Music Library) should allow the MITSFS library to fit into spaces on campus where one might not expect to find a library. Along with space, major concerns for the MITSFS library are also security, comfort, and accessibility. With a continued search, the ASA can surely find a location for the library that provides an improvement in regards to the latter two concerns. Though the reading room provides this improvement, the overall sacrifice made on student life could be minimized in other locations.

The ASA's proposal is incomplete because it does not include provisions for quiet, all-hours study space. The loss of the reading room is too great a price to pay for more student office space.

Letter To The Editor

MIT's Star Athletes

First of all, I would like to congratulate Dan Feldman for his fourth place finish at the NCAA Division III National Cross Country Championship ["Feldman's Success Highlights National Championship," November 20, 2001]. That is quite an achievement.

I would like to say, however, that this was not "the highest finish ever by an MIT ath-

lete." Far from it. Just in the past 7 years, I remember Tracy Ho '99 who won the NCAA Division I Nationals in Women's Air Pistol and also won the all-American title both her junior and senior year. Sonja Ellefson '01 was the top Division III women's gymnast by her sophomore year.

Maybe you meant to say that it was the highest achievement in cross country at MIT, but that's not what was written in the paper.

Even though I am very happy for Dan, it hurts me to see incorrect statements like yours in the paper. It just shows how little people pay attention to the achievements of other athletes at MIT. I have written articles in the past, and I know that it is hard to get all the details correct, but if something is written wrong, it can really hurt those who are forgotten.

Nora Szasz G

THE GOOD NEWS IS,
THE NORTHERN ALLIANCE
HAS TAKEN OVER KABUL

WHAT'S
THE BAD
NEWS?

THE
NORTHERN
ALLIANCE
HAS TAKEN
OVER KABUL



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two days before the date of publication.

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

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Housing Undergraduates at the Expense of Graduate Students

Guest Column
Nelson C. Lau

Every school in Boston has problems with housing a growing population of students on its campus, but MIT seems to lag in its attempts to address these problems. Every semester that I have been a graduate student at MIT, I have heard debate about whether or not MIT is adequately addressing graduate student concerns for affordable and safe housing amidst the overheated market in Cambridge. I was also aware of MIT's pledge to house all incoming freshman by Fall 2002, an effort by MIT to respond to the death of Scott S. Krueger.

At one point, I believed MIT was moving in the right direction by constructing the graduate dorm at Sydney and Pacific and the undergraduate dorm, Simmons Hall. But despite signs of encouragement, my doubts in MIT's capabilities to solve the housing crisis were raised when we were informed that it is unlikely Simmons Hall will be completed by the target date of August 15, 2002. The reasons for the delay are that the building is so complex, requiring technology that the crews still need to learn, that it's logistically impossible to get the contractors to work more shifts and that contracts with city constructions (like water mains) are too costly to expedite.

MIT administration seems genuinely concerned about providing affordable, on-campus housing. However, the logic MIT employs is harder for me to reconcile with. Knowing a pledge was made to house freshmen by 2002, why couldn't MIT have designed Simmons like Sydney and Pacific, which is on-time for completion in August 2002 and has a much simpler construction plan? Secondly, if MIT had foreseen the construction challenge that Simmons would impose, why was MIT too slow to look for external housing options like nearby hotels? I ask this because other schools have anticipated their housing crises and have already purchased all the affordable hotels in Boston (e.g. Boston University purchasing the Howard Johnson).

My hindsight questions aside, I was further troubled by a meeting held on November 14, 2001, in the Student Center Mezzanine Lounge, where MIT administration, the Residential Life and Student Life Programs (RLSLP) office, graduate students, and undergraduates debated on a contingency plan to house the 350 students initially slated to fill Simmons. The meeting was led by Dean for Student Life Larry Bene-

dict, while Dean for Graduate Students Ike Colbert and Executive Vice President John Curry spoke extensively on plans that the administration was considering. One plan debated at length was to use Tang Hall to house undergraduates until IAP when those students would then move into the completed Simmons. Tang Hall is currently an apartment-style dorm that is required to primarily house first-year graduate students because benefactor P.Y. Tang stipulated Tang to be a graduate dorm.

Using Tang Hall as swing space for undergraduates should trouble all graduate students, whether they reside in other graduate dorms or off-campus. Tang Hall is a popular housing option for graduate students because it is affordable (under \$550) and secure. More than 250 international students choose Tang, and since many of these students don't have full funding,

Tang is particularly attractive. The Tang Hall Resident Association (THRA) has devoted a lot of effort to building community and to helping acclimate incoming graduate students to this intense institution. If Tang is used to house undergraduates for Fall 2002, over 400 graduate student will be forced to look for much more expensive housing elsewhere. This places additional burdens on a graduate community by effectively lowering stipend levels and exacerbating the housing situation. Furthermore, disrupting the continuity of graduate residence in Tang will devastate the community structure laid down by the THRA. These arguments are completely applicable to the other established graduate dorms — Ashdown, Edgerton and the Warehouse.

Graduate students are not responsible for the housing crunch, and our desire to live on-campus is not mutually exclusive of housing undergraduates who have an equal right to on-campus housing. In handling this crisis, however, the administration should take graduate students' interests into highest consideration, as it is becoming apparent graduate students will be forced to sacrifice bed space to account for MIT's lack of foresight. The other contingency plan discussed at the meeting was to convert a portion of the Sydney and Pacific complex into temporary housing for undergraduates. It seems feasible to apportion one 6-story section to house the undergraduates sepa-

rately from the remaining rooms for graduate students, and there was hope this arrangement might even foster community among the sections. Because Sydney and Pacific doesn't have any existing student housing governments, placing undergraduates there will only minimally affect community building for the graduate residents.

At the meeting, Dean Benedict declared the option of using Tang Hall would be "taken off the table," and I was extremely gratified to hear that. I also felt optimistic to see that using Sydney and Pacific to temporarily house undergraduates seemed to be the favored option. However, I am still concerned no formal decision was determined, and one could speculate why MIT might still use Tang Hall. Constructing a brand new building like Sydney and Pacific is expensive, and this is reflected by the rent MIT may be charge (over \$800 for single rooms or doubles, more expensive than Edgerton) to offset mortgage payments and other costs. If MIT places undergraduates in Sydney and Pacific, MIT will lose money from Sydney and Pacific rooms in the spring because students sign one-year leases; so, it would be hard to fill those rooms when the undergraduates move into Simmons. However, putting undergraduates in a graduate building like Tang or Ashdown, where the mortgage is already paid off, would solve a possible cash flow problem for MIT. Would MIT antagonize graduate student interests to satisfy a business agenda?

In a housing crisis like this, MIT's first obligation is to the entire student body, undergraduates and graduate students alike. The meeting lead by Dean Benedict is an action I

applaud because it was a forum for the administration to hear and adhere to the students concerns. But in these unsettling times, MIT needs to make a stronger commitment to students: namely, to provide available, affordable and safe housing. A decent housing environment is simply critical to the health and success of the students who help make MIT a world-class institution. It would be a shame for MIT to disenfranchise graduate students by disrupting their community and making us pay higher rent for the lack of foresight. We sincerely hope MIT manages this crisis morally and equitably, and reinstates our confidence in this institution's ability to heed our concerns.

Nelson C. Lau is a graduate student in the Department of Biology, and the current president of the Tang Hall Resident Association.

It's becoming apparent graduate students will be forced to sacrifice bed space to account for MIT's lack of foresight.

It is unlikely Simmons Hall will be completed by the target date of August 15, 2002.

Security, But at What Cost?

Michelle L. Povinelli

In response to the horror of the September 11 terrorist attacks, America has demanded action, and in the last two months, we have gotten it. In addition to the U.S. military campaign in Afghanistan and the ongoing federal investigation of the events surrounding the World Trade Center attacks, we have seen a flurry of legislative and executive action designed to increase our domestic security. Yet not all of this activity has been without controversy. From Bush's executive order authorizing the use of military tribunals to try non-U.S. citizens suspected of terrorism, to Attorney General John Ashcroft's call for the questioning of thousands of Middle Eastern men, recent government actions are sparking a crucial debate: to what extent are we willing to sacrifice civil liberties and individual rights in the quest to make our country safer?

For many students here at MIT, this question is not just a matter of abstract debate. Because several of the suspects in the September 11 attacks (as well as in the previous World Trade Center bombing) are thought to have entered the United States on student visas, the relative freedom of international students to study here may soon be restricted.

In the wake of the attacks, Senator Dianne Feinstein (D-California) called for a six-month moratorium on student visas, a proposal that was subsequently dropped under strong pressure from representatives of U.S. universities, including MIT President Charles M. Vest. Yet the international student visa process remains under strict scrutiny.

The Visa Entry Reform Act, currently in the Senate Judiciary committee, proposes a number of measures to toughen up the immi-

gration and visa system. Of particular interest are two components of the bill: the implementation of a monitoring program for foreign students, and the denial of foreign student visas to nationals of "state sponsors of international terrorism." The monitoring program would ensure that students pass a background check before arrival, and are actually enrolled in a degree program once they arrive. As such, it is a reasonable response to the real threat of terrorism which we confront. It is the second component to which I wish to object.

The countries which the State Department considers to be state sponsors of terrorism are Iran, Iraq, Syria, Libya, Cuba, North Korea and Sudan. Over the last four years, we have had between ten and twenty-five students from these countries per year enrolled at MIT. If enacted, the proposed bill would prohibit current and future students from studying in the United States unless they can obtain a waiver directly from the Secretary of State. While the practical details of such a waiver process are not yet clear, there is no question that it will be much, much harder for them to come here. We need to ensure that it does not become impossible.

Critics would argue that students from "enemy countries" represent a risk we need not and cannot afford to assume. Why hand over our technology? Isn't giving a student a technological education just encouraging them to go make bombs? This view is not only technically inaccurate but fundamentally short-sighted (not to mention offensive). I would argue that despite the perceived risks, from terrorism to technology transfer, the potential benefits are far more important.

In a sense, foreign students represent the best chance for future improvements in the

relations between our countries. For all students, the education we get here, as well as the friends we make and the networks we form, put us in an excellent position to contribute to our society. For foreign students, this means an opportunity to contribute to their own society as well as to strengthen the relationships between their country and America. As the President of the American Council of Education said in an open letter to the Senate Judiciary Committee on the subject of the original visa moratorium, "when [international students] return to their home countries, they are the best ambassadors we could ever have for democracy, personal freedom, and market-based economies. International education leads to understanding and respect for people from different people and cultures. If anything, we need more if it now, not less."

Any questions of Western hegemony or free-market expansionism aside, it is undeniable that students who come from these countries to the United States to study are likely to experience a greater degree of personal freedom and an expanded array of life choices than they would have had in their home countries. We should be very, very hesitant to restrict this choice. But in the end, impeding the freedom and progress of the rest of the world, including that of the citizens of governments we oppose, is not the way to obtain our goals.

As the MIT community, let's take this chance to reaffirm what we already are: a strong community of students, faculty and staff from America and from around the world, dedicated to learning, debating, and pursuing our common scientific and technological goals, hopefully with the aim of a better world.

From Behind the Whistle

Guest Column
Galen McKinley

There are many things to complain about when it comes to the refereeing of IM soccer at MIT. One has to feel grudgingly lucky if even one of the 2 referees promised for a regular season game shows up, let alone the 3 that it takes to properly officiate a game. The referees are not trained well and likely have not read the IM rule sheet, let alone FIFA's "The Laws of the Game." Many calls are missed, and bad calls are made.

But now look at it from the point of view of the referees who do show up. They are unpaid for the regular season, and only minimally paid during playoffs (about \$7.50/hour). They are basically volunteering because they like soccer and want to give back to the sport at MIT. They are part of the tiny minority of soccer players at MIT who realize that the only way for them to improve officiating is for them to pick up a whistle and accept the challenge.

And what do these referees get in return from the players? They get verbal and psychological abuse. They get put down and beaten up with words. They get told, "you suck," "do you even play soccer?," "you're blind," and "are you happy now that the other team scored?"

There is a distinction between an utterance in frustration during the course of a game and deliberate attempts to demean the referee as an individual. Clearly, moaning and groaning about a missed call or one that went the other way is part of the game; any referee knows and accepts this. However, yelling at the referee, "wouldn't you rather go to the swimming pool instead of being here?" or stepping up to him or her at the end of the game to

I cannot prove sexism, but I am confident that if I had a Y chromosome, they would not have assumed me to be unqualified to referee their game.

share one's personal reflection that, "in my opinion, you are a horrible referee," goes far beyond what is acceptable.

Further, some male players seem to feel women cannot be acceptable referees. I am female. In my most recent game, I disagreed with the other referee on only one call. Yet, the losing team attacked only me at the end of the game. They told me, "you suck," "please don't referee the final," and "you should never do this again." They said nothing to the other referee, a male. I have played soccer for more than 20 years; I have read the rules; and I am as qualified as any other IM referee. I cannot prove sexism, but I am confident that if I had a Y chromosome, they would not have assumed me to be unqualified to referee their game.

Unfortunately, there appears to be no good way to respond to a team for such unpardonable behavior. They will get an e-mail from the IM soccer managers, but likely their captain will just erase it. They will probably act the same way next time. There should be ways to further sanction these teams.

The only thing I know I can do is to write this column in the hope that future referees will be treated more fairly. I ask all IM soccer players to recognize that your referee is first and foremost a human being. They are striving to do a good job of officiating your game. Yet, they do not have 15,000 eyes or 15,000 angles with which to see every motion on the field. They will make mistakes, but they will try hard not to be biased. It does not matter whether they are male or female.

If you must give them advice, please don't do it when you're angry or frustrated. Recognize your own bias as part of a competitive athletic team. Like you, your referee is basically a well meaning, albeit imperfect person.

Finally, please think of your frustration the next time you hear that referees are needed for IM soccer. We can all learn something by picking up a whistle and spending some time on the other side.

Galen McKinley is a graduate student in the department of Earth, Atmospheric, and Planetary Sciences.

Lawrence Calvin Ross, Jr.

Author of

The Divine Nine: The History of African American Fraternalities and Sororities



Lecture and Book Signing

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As one of only a handful of lecturers speaking to students on the topic of African American fraternalism, Ross' presentation will serve as the catalyst for discussions on the importance of fraternal life as it relates to individual organizations and also how each organization and individual member can work together with the broader campus community. Students, faculty and staff will gain valuable insight into the issues that African American fraternities and sororities are facing at campuses across the country.

In an open and frank lecture, Ross engages the audience in thought provoking discussion that lasts weeks after his appearance. Ross illustrates his points by sharing examples and personal experiences. Ross, a 15 year member of Alpha Phi Alpha Fraternity, Incorporated, presents from the unique perspective of being young enough to relate to the issues of today's students yet old enough to command respect.

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THE ARTS

FILM REVIEW ★★★

Harry Potter

AND THE
SORCERER'S
STONE

The Book that Lived

By Amandeep Loomba

STAFF WRITER

Directed by Chris Columbus
Based on the novel by J.K. Rowling
Starring Daniel Radcliffe, Rupert Grint,
Emma Watson, John Cleese,
and Alan Rickman
Rated PG

Let's be up front with ourselves here: books and movies do not compare. Many of us have long anticipated the new *Harry Potter* movie for differing reasons. There are those who will disparage it (for it is by no means an outstandingly perfect specimen of movie), and those who will love it simply because it is *Harry Potter*, and that says something. It had one of the most profitable openings ever for a children's film, and that is simply a testament to the greatness of J.K. Rowling's prodigiously imaginative novels.

Some are afraid that a motion picture will cast the likenesses of Harry and his friends and his whimsical world in stone, leaving our imaginations useless when we go back to these cherished books or pick them up for the first time. This may be the case, but you will find that the filmmakers here have as much imagination as the readers, and bring characters and sets to life with great skill and authority. Perhaps Madam Hooch (Zoë Wanamaker) is cheekier than you may have expected, but her yellow hawk eyes and short gray hair are drawn perfectly from the original stories.

Others are afraid that the film will simply demolish the oeuvre that is *Harry Potter*. These folks believe there is no way to turn a book into a film without first tearing the book to pieces, setting it aflame, and tossing the flaming mess onto the smoking embers of Mrs. Frisby and the Rats of NIMH, *How the Grinch Stole Christmas* or, say, *Shrek* (a movie that has little or nothing to do with the book of the same name).

Still others fear the endlessly belched output of the tireless merchandising machine that fires up with the release of any children's movie. It is true that turning a character or a story into an industry can result in massive amounts of disposable culture goods being instantly injected into society. However, after seeing the film, I want to go out and buy everything from the Hermione Granger 36-color homework-helper highlighter set to the Rubeus Hagrid hair-and-beard home care kit. This movie does that to you.

What else does the movie do to you? Well, it made me clap, cheer, snicker, yelp, smirk, gasp and double over with laughter

because of the opening titles, the Quidditch match, Draco Malfoy, the mountain troll, Professor Snape, the forest scene and Gamekeeper Rubeus Hagrid, respectively. Could this be the movie that destroys *Harry Potter*?

To say that the movie is faithful to the book is an understatement. Director Chris Columbus and a talented group of set-designers, artists and visual effects mavens have tried as hard as they can to accurately recreate the world described in such detail by J.K. Rowling. If the movie has a single outstanding flaw, it is this attempt to be so faithful to the books. In portraying a world so rich in specifics, Columbus finds little time to dwell on those magical moments that are filled with such importance in the book. The pace is breakneck, and the screen changes from one wondrous scene to the next hastily. Even at a running time of two and a half hours, the movie cannot possibly give full attention to all of the novel's rich detail (left out of the film to my chagrin were further events relating to Harry's life at 4 Privet Drive before going to wizardry school and most of the extended action involving Hagrid's pet dragon Norbert).

Nevertheless, *Harry Potter and the Sorcerer's Stone* is a film that not only manages to tell the vast majority of the tale set forth in the novel, but does so brilliantly in most cases. The most exceptional aspect of the film by far is the casting. Virtually every character from the book is played by an actor who either embodies Rowling's descriptions perfectly (Daniel Radcliffe, for example, is perfectly Potter) or brings something unique and stunning to the role. Professor Snape, played by Alan Rickman (whom you will remember best as the terrorist leader facing down Bruce Willis in *Die Hard*), is the most outstanding ambiguous character ever to grace celluloid with his presence. From the greasy hair covering his face, to his completely unpredictable eyes, to his muted but frightening speech, Snape simply excels as one of the greatest antagonists ever (I mean this, Snape basically rules over this film and everyone in it, and everyone who will ever play a villain in any movie, ever). Emma Watson's Hermione Granger is also ideal as the annoy-

ing but friendly know-it-all who would no doubt have wound up at MIT had she not attended Hogwarts School of Witchcraft and Wizardry (except perhaps that anyone can see that young Emma Watson is going to grow up to be really hot).

The sets, meanwhile, are stunning. Sadly, the camera has no time to linger in Diagon Alley, the bustling main street filled with wizards, goblins and animals. Likewise, the banquet hall at Hogwarts is simply gorgeous, a cavernous and noisy space brought to life both by magic and by the presence of students. Even the bathrooms are exceptionally detailed, and look great while being demolished by a fully-grown mountain troll.

The characters and sets come together perfectly, and little on-screen feels out of place, the exception here being some of the computer-generated imagery. In sequences such as the Quidditch match, it is sometimes not hard to tell that you aren't looking at real people on those broomsticks. Then again, the Quidditch match is still so exciting it makes the *Phantom Menace* pod-racing sequence look like a game of chess with Death.

Elsewhere, it is always the level of striking detail that makes the scenes work. Listening to Harry get chewed out by potions master Professor Snape is augmented by the subtle sounds of bubbling solutions. When Harry first steps onto the Quidditch field to train with team captain Oliver Wood (Sean Biggerstaff), watching his bespectacled eyes keep a firm watch on a hovering ball elicits sheer delight. Even the calligraphy on Harry's invitation to attend Hogwarts is just right. The only subtlety that falls short is the John Williams score (reviewed last Tuesday by Suki Dorfman), which is at times and intrusive and is little more than typical, if not derivative. Williams' idiosyncratic orchestral swirls expired soon after E.T. and he has since become the most predictable producer of "magical" sounding music in Hollywood (given one chance to switch a name in the entire cast/crew of *Harry Potter*, I would swap Williams for Danny Elfman).

To say that the *Harry Potter* film cannot possibly stand up to the *Harry Potter* novels is unfair. It is obvious that the experience of reading the book will always surpass the experience of seeing the corresponding movie. Instead, we must think of the movie as an addition to the *Harry Potter* world, and a solid one at that. It is often hard to tell if the movie wasn't simply made for people who have read the book already.

Throughout the film, I found myself asking whether I was enjoying a scene because the story was truly engaging or simply because I wanted to see the movie's approach to all of my favorite parts of a great book. The question is, at best, moot. Who hasn't read the book?

FILM REVIEW ★★★ ½

Amelie

Le Fabuleux Destin
d'Amélie Poulain

By Vladimir Zelevinsky

STAFF WRITER

Directed by Jean-Pierre Jeunet
Written by Jean-Pierre Jeunet and Guillaume Laurant
Starring Audrey Tautou, Mathieu Kassovitz,
Dominique Pinon, Isabelle Nanty, Clotilde Mollet, Michel Robin

I'm just about fed up with whatever Hollywood is calling movies these days. If you combine all of the imagination and creativity that went into *all* studio movies this year (*Moulin Rouge* excepted, being a studio-bankrolled but still a strictly auterist vision), you will have less than what can be seen in any minute of *Amelie*.

Not an entirely fair comparison, perhaps, given that Jeunet is one of the world's few true visionaries, a director whose authorship can be seen in just about any frame of any of his movies. Jeunet worked in the genres of satirical dystopia (*Delicatessen*) and post-modern fairytale (*The City of Lost Children*) with co-director Marc Caro (ignoring the failed studio experiment that was *Alien: Resurrection*), and the distinct feature of both of these movies, the feature that applies to *Amelie* as well, is the fact that in each of them Jeunet creates the entire world from scratch, ground up, singularly stylish and utterly captivating, the world that is just as much of a character in the movie as any human being.

The main character in *Amelie* is not as much the titular young woman (an astonishing Audrey Tautou, looking at the same time regally beautiful and comically goofy, with huge dark eyes, seemingly channeling Giulietta Masina) as the city of Paris, magically lit and transformed through the ample use of digital special effects. This is the magical neverland (if only anything in the *Harry Potter* movie were half as magical!), the city that doesn't exist anywhere but in Jeunet's imagination, the place that the audience can visit for two transporting hours.

The story would, at first glance, resemble countless romantic comedies and inspirational weepies made this side of the pond: a lonely spirit helps others, many times *almost* meets her soulmate, and watches the ripples of her good deeds move away from her and rebound back. Another good metaphor for *Amelie*'s insanely elaborate kind (and not so kind) deeds that the film employs is the works of Rube Goldberg, stacking action against action and setting them off like so many falling dominoes.

However, it is not quite so simple. While the world of *Amelie* is truly magical, the people who inhabit it are perfectly normal (be prepared to recognize yourself, over and over, in any of *Amelie*'s lonely souls), and there is always sadness at the edges of bright romantic comedy that *Amelie* ultimately is. Even the reason why *Amelie* herself is an anonymous savior is neither lighthearted nor whimsical; Jeunet makes it clear early on how shy and insecure she is, and how desperate her need is for the human contact she can't quite initiate.

And with all this, *Amelie* is still very much a Jeunet film, endlessly inventive, sharply edited, and full of visual surprises in every sequence. A couple of things that could be improved include a next door painter (suffering from the same disease as Samuel L. Jackson's character in *Unbreakable*) whose function is largely to speak aloud the subtext, and the rather distressing knowledge of what happens to the characters immediately after the film ends (the original French title, the exact time when the film is set, and the final sequence all hint at that). The best metaphor in the movie is the one that posits *Amelie* herself as a director, bemusedly watching old movies, setting up exciting parts for other people to play, and then watching the action from the sidelines, unable to participate in it directly. This sadness, contrasted with the wild exuberance of the rest of the film, is what gives *Amelie* its emotional heft: the knowledge both of magic and its transience.



Madame Hooch (Zoë Wanamaker) watches, astonished, as Neville Longbottom (Matthew Lewis) awkwardly takes to the skies.



PETER MOUNTAIN—WARNER BROTHERS

Professor McGonagali (Maggie Smith) places the sorting hat on the head of Harry Potter (Daniel Radcliffe).

PETER MOUNTAIN—WARNER BROTHERS

MUSIC REVIEW

Not 'Jack and Diane'

Mellencamp Releases
Political Tripe

By Eric Chemi
STAFF WRITER

John Mellencamp's latest album, *Cutting Heads*, really pushes the boundary on his work. It's just too bad that it pushes the boundary lower. Probably a sign that Mellencamp really needs to rethink his career, this uninspiring album provides the listener with nothing to enjoy. All songs lacked any quality, and they all sounded similarly bad; no track stood out as being especially worthwhile. One unique aspect of this album is that Mellencamp used this CD as a means to propagate his anti-racism campaign. This is probably the main reason that the album was so poor: he spent all his time thinking about politics and forgot to include some good music.

Although we should all applaud him for his efforts, the use of songs to spread a political message was a bad idea in this case. He would have been better served by going on television and making speeches about his ideas to get the attention of the whole world. This is one of the main perks about being a famous musician; you can go to the airwaves and say whatever you want about any subject and have people believe you and say that you are an expert in that field; all because you can sing. But for Mellencamp to actually propagate his message through the music is just flat out wrong, not because one shouldn't use music for such purposes (as historically many singers have used their music to spread a message) but one should not produce mediocre garbage to spread that message (Note: the old singers of the past were able to convey their message because their music did not suck.)

Mellencamp's attempt to surprise listeners with politically charged low quality music rather than the mindless good-sounding music they were expecting to hear should probably serve as a wake-up call to his fans, record company, and himself alike that maybe he should have really thought through what he was trying to accomplish with this thing. If this is really the best Mellencamp can do, then his musical career as we know it is finished. Anyone paying fifteen dollars for this album is paying fifteen dollars too much. In fact, even if the CD were free, it would still cost listeners the time it would take to listen to it, not to mention the accompanying pain and agony.

A surprise is found on the title track, which includes the rapper Chuck D mixing it up with a solo freestyle act in the middle of the song. This abrupt change of pace is a sudden unexpected jolt that seems to take away from the rest of the song, which actually is not that bad in that it sounds pretty much like Mellencamp's more traditional sound.

One song for example, "Crazy Island," is pretty much a speech about what Mellencamp thinks America is all about, set to music. While he must have spent a lot of time thinking about what he was going to say, he certainly could have put some more effort into developing the music. It sounds like he forgot how to do rock and roll altogether and so instead opted for some country. The song was bad enough to make one think maybe Mellencamp is actually trying to do a crossover into country, but there is still hope that Mellencamp can get his act together for the future, if he still has one after this devastation. In fact, throughout the entire album, his traditional rock and roll style is completely missing as he presents a style that involves slow-paced ballads. The way he copies his drumline and guitar chords from what he was doing in the eighties just adds lack of originality on top of the song's lack of quality.

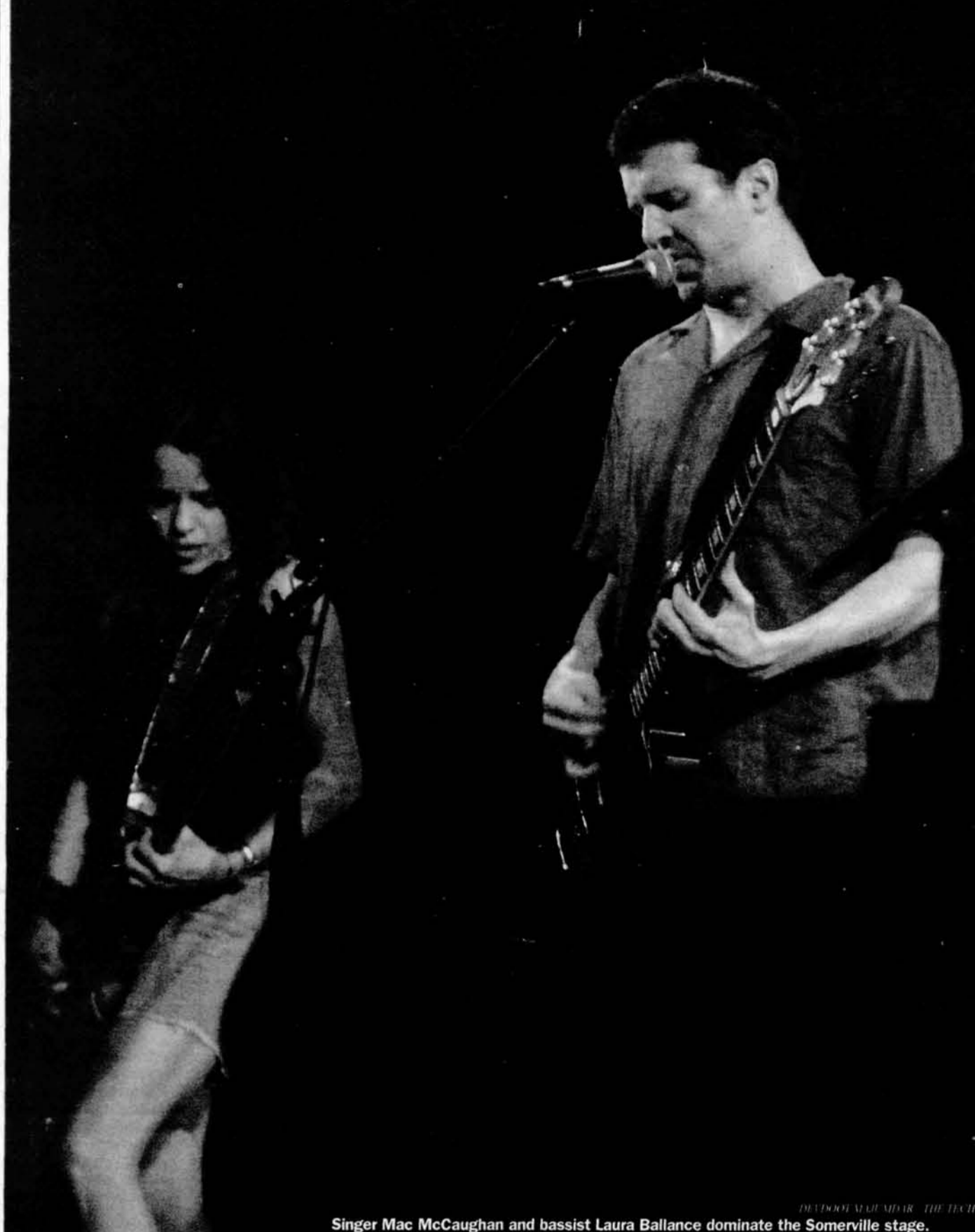
Sure, one may say that Mellencamp's music before like "Ain't that America" and "Small Town" were also reflections of Mellencamp's opinions on society, and of course that is correct. However, such earlier music was actually good and it really did not matter what the lyrics were discussing. Mellencamp just celebrated his fiftieth birthday a few weeks ago, and let's hope that he does not take that to mean he has a right to produce old-people kind of music.

So in general, forgive good ol' John Cougar for his heinous mistake of releasing this collection of B-sides, and do not purchase this one. In a long enough career, even the best have to slip up a few times, and this is certainly one of Mellencamp's errors.

CONCERT REVIEW

A Kinder, Gentler Superchunk

Aereogramme, and Rilo Kiley Open at the Somerville Theatre



Singer Mac McCaughan and bassist Laura Ballance dominate the Somerville stage.

By Naveen Sunkavally
and Devdoot Majumdar

STAFF WRITERS

Superchunk, Aereogramme, Rilo Kiley
Somerville Theatre
Wednesday, November 21, 2001

More than a decade in the business, Chapel Hill, North Carolina's Superchunk has progressed quite a bit since their early glory days of lo-fi indie punk-rock. Their eighth and latest CD, *Here's to Shutting Up*, is a collection of pop songs — a fact that may come as a disappointment to veteran hardcore fans of the group. But if last Wednesday's concert is any indication, Superchunk can still deliver a powerful set of songs and engage an audience just as well as they could a decade ago.

Last Wednesday at the Somerville Theatre, Superchunk played the songs off their latest CD with the passion that has come to characterize their live performances. What the concert lacked in the visceral punk-rock energy of their younger days, the band made up for with their depth of emotion and subtlety of expression. Although most in the theater stood throughout the entire set, this could very well have been a concert at which everyone sat down and just absorbed the music.

At their best, Superchunk played perfectly constructed pure pop songs. "Late Century Dream," the opening song and single off *Here's to Shutting Up*, set the tone. The mellow and lush song with the throbbing bass line and understated vocals recalled the splendor of New Order at their best. "What Do You Look Forward To?" is a sprawling eight

minute piece that draws the audience in with a hypnotic synthesizer line and climaxes to a lifting harmony. The folksy "Florida's on Fire" and an acoustic version of "Low Branches" (off their *Come Pick Me Up* album) were also highlights.

The best moment of the evening belonged to the mellow country song "Phone Sex," with its eerie harmony, "Plane crash footage on TV, I know that could be me" Despite being written well before September 11, the song, which is about maintaining a long-distance relationship, was still all the more poignant and resonated with the audience.

The few songs on *Here's to Shutting Up* that don't hold their own with the rest of the album were ruefully apparent in concert. Coincidentally, these songs happened to be the ones that sounded most like the Superchunk of old, such as "Out on the Wing" and "Rainy Streets." The band played the songs with conviction, but they just weren't interesting musically.

Another drawback was the lead vocals of Mac McCaughan, who sounds better on recordings than live. McCaughan, who sings in a high distinctive voice, found himself stretching for the high notes throughout the evening, and at times he was simply overwhelmed by the three-guitar attack of the band.

For those fans with a yearning for instant gratification, Superchunk did offer a few bones from their early punk rock days. "Slack Motherfucker," their first big hit, made an appearance in the encore, and the song "Tie a Rope to the Back of the Bus" was positively menacing in delivery.

Southern California's Rilo Kiley opened the evening with a set of songs from their latest album, *Take Offs and Landings*. Fresh off from a tour with the Breeders, lead singer Jenny Lewis's performance was understandably less than diva but nevertheless entertaining. The band's melody-rich, slow-rock repertoire silenced the movie theater-turned-club as they sailed through their mellow overtones.

A less than enthusiastic crowd and a less than enthusiastic performance set Rilo Kiley into the category of adequate opening band. Despite their beckoningly sweet singing and memorable melodies, their performance fell short of their last in the Boston area.

The second opening act, Aereogramme, are three angry bearded Scotsmen who play art-rock in the vein of Sonic Youth and Mogwai. Aereogramme bassist Campbell McNeil trudged in downing a beer and looked like he was about to keel over at any moment during the set. But somehow he managed to keep a steady groove for guitarist and lead singer Craig B., who spent most of the time singing in a high frail tenor over noise-like textures. Every now and then, however, Craig B. would unexpectedly explode into horrifying gut-wrenching screams over heavy metal riffs accompanied by blinding and flashing flood lights.

The band seemed to know their music is an acquired taste, as Craig B. urged members of the audience to at least "buy some popcorn" if they didn't want to purchase their merchandise. Aereogramme's debut CD *Story in White* and the lead accompanying single "Zionist Timing" hit U.S. stores on Oct. 9.

MUSIC REVIEW

Rat Pack Revival

Capitol Releases Two Rat Pack Specials



By Daniel J. Dock
STAFF WRITER

The Rat Pack — they drank on stage, smoked, and epitomized what is known today as politically incorrect, but they were loved and revered as kings of their time.

As the world awaits the release of *Oceans 11*, a remake of a Rat Pack classic, Capitol Records has decided to release a pair of albums featuring forty year old gems by Frank, Dean, and Sammy. The first, *Eee-O-11*, is a collection of already beloved classics. The second, *The Rat Pack Live at the Sands*, consists of a previously unreleased recording of a performance in the Copa Room at the Sands.

Eee-O-11, the title of the closing track of the album, is an anthology of eighteen already well-known and beloved classics. Including such tracks as "Ain't That A Kick In The Head" by Dean Martin, "You Make Me Feel So Young" by Frank Sinatra, and "The Birth Of The Blues" by Sammy Davis, Jr.

The duets are the gems on this album, featuring "Me And My Shadow" by Sinatra and Davis, and "Sam's Song" by Davis and Martin. The two duets show a bit of the playful side of the Rat Pack and are beautiful in their simplicity. The album contains a nice mesh of Rat Pack classics and, unlike most Rat Pack collections, does not exclude or minimize the role of Davis.

This album is highly recommended, and would further any music collection that lacks the Rat Pack essentials. Although, if the reader already has a respectable Rat Pack collection, *Eee-O-11* presents no new material — it is merely a conglomeration of eighteen classics.

"Dean Martin. Maybe Frank. Maybe Sammy," the message that laid prominent on the marquee of the Sands casino in Las Vegas. Bill Zehme, a well-known biographer of Frank Sinatra, wrote, "What's playing in the Copa Room? I'll tell you what's playing the Copa Room: three grown boys in formal wear, with microphones, making hay and hey-hey, as

only they could and would, letting us eavesdrop on their fraternal ring-a-ding congress."

Three men on-stage with microphones and drinks talking about this and that, throw in a song here and there, and you have an act for the ages. Until now, the magic that went on at the Sands could only be heard in the memories of those in attendance. *The Rat Pack Live At The Sands* is a recording of a September, 1963 Rat Pack performance in the Copa Room that whisks the listener back to simpler times and into a state of pure enjoyment. The audience never leaves Frank, Dean, and Sammy's command, from Dean's opener "Drink to me only with thine eyes / I don't care / The sun don't shine / I love Vegas," to the group's closing "The Oldest Established (Permanent Floating Crap Game In New York)".

The Rat Pack Live At The Sands is an unaltered recording, including everything from mixed drinks to wise cracks, dialogue and impressions. Despite the seemingly impromptu seamless performance, the show had a specific formula: Martin first, then Sinatra, then Martin out again pushing the "Lunch Cart," then Martin would offer Sinatra a liquid salad or liquid sandwich, then some tomfoolery between Sinatra and Martin, which would be interrupted by Davis. Davis would

then go solo for a while, with a reprisal from Sinatra and Martin, who return to sing a few songs. They would then introduce any dignitaries in the audience, and then the big closing song. From this simple formula came the greatest stage show in Vegas — performed twice nightly.

The Rat Pack Live At The Sands provides the listener a glimpse forty years into the past at a different era from simply the subjects of their wisecracks to the music created. Besides old classics such as "Volare" by Martin and "Luck Be A Lady" by Sinatra, the duets and songs sung by all members of the Rat Pack offer great additions to any music collection.

Simply put, *Eee-O-11* is for people who have no Rat Pack in their music collection, and *The Rat Pack Live At The Sands* is a must for any serious music collector.



OPERA PREVIEW

Coyote's Dinner: A Homegrown Opera

MIT Wind Ensemble To Present World Premiere Of a Comic Opera on a Native American Theme

By Jeremy Baskin
ASSOCIATE ARTS EDITOR

Coyote's Dinner
Music by Charles Shadle
Libretto by Michael Ouellette
The MIT Wind Ensemble
Directed by Fred Harris
Soloists Mary Tsien '02, Graham Wright G, Bill Cutter, Philip Lima, Carlos Archuleta, Hillary Nicholson, Mary Anne Lanier
Kresge Auditorium
8:00 p.m., Friday, November 30th, 2001

This year could be dubbed the "Year of the Opera" at MIT. In not-too-distant memory lies the debut of Institute Professor John Harbison's *The Great Gatsby* at the Metropolitan Opera Company, and just last month, we witnessed *Resurrection* by the Media Lab's Tod Machover open at the Boston Lyric Opera. This Friday, the Wind Ensemble, with both student and professional soloists, will give the premiere of *Coyote's Dinner*, an original opera written by Lecturer Charles Shadle and Senior Lecturer Michael Ouellette from the Music and Theater Arts department.

The one-hour, one-act comic opera is actually a play within a play, based on a Native American folk story. It is set on a reservation, and the characters in the opera — an anthropologist, her assistant, a missionary, and his wife — are watching the performance of a Native American folk story featuring three characters: Iktome, his wife, and their friend Coyote, a master seducer.

Coyote's Dinner is as instructive on Native American stereotypes as it is funny. In an interview, Shadle, who wrote the music to the opera and who is himself of Native American descent, commented on the stereotypes about Native Americans that *Coyote's Dinner* tries to address. On the liberal side of the spectrum you have Caucasians, who view the Native Americans as being part of a "wonderful golden age, in harmony with nature." In short, these people subscribe to the idea of "the noble savage, a romantic myth that we want to have about primitive culture."

Equally preposterous, and patronizing, is the view of the people on the conservative end of the spectrum, which is often associated with Christianity, or at least its zealots. Shadle explains this view of Native Americans as "savages who need to be rescued." Though the viewpoints completely oppose of each other, said Ouellette, the librettist, they both reach the same conclusion, which is that "nobody's willing to look at these people simply as people." One side wants them to wear headdresses and dance around totem poles, and the other side wants to proselytize them.

Returning to *Coyote's Dinner*, we see these two themes represented by two characters at the Native American reservation, the

anthropologist and the missionary. They are part of an audience at the viewing of the hilarious story of Iktome and Coyote, and the action of the opera consists, essentially, of interruptions to the story of Iktome and Coyote.

An Opera that Stands Apart

What began as an innocent discussion between Shadle and Wind Ensemble Director Fred Harris last April about a 20-minute work for a couple voices and percussion players seems to have grown, in the last six months, into a one-hour opera for seven soloists and full wind ensemble.

An opera for singers and wind ensemble? Who's heard of an opera whose orchestra has no strings? Harris' life as the director of the MIT Wind Ensemble seems to be one exciting challenge after another, and this is about as unique as they come. Though he has commissioned many works for wind ensemble, this opera is twice as long, he says, than the next-longest work, *Roman Odes*, by Michael Weinstein. And it's even more interesting and bizarre than a 20-minute work called *The Reckoning* by Ken Amos, which features an instrument called the waterphone (according to Harris, it's a tub of water with many metal prongs that stick out, reminiscent of baseball's World Series trophy).

Acceptance a Constant Struggle

If the world since September 11 has presented a difficult climate for arts organizations, one can only imagine the brick walls that await the composers of today and tomorrow. As more and more cutbacks face the arts, they will probably fall back upon those works that will attract the biggest audience and shy away from performing new music, especially long contemporary works such as *Coyote's Dinner*, as they unfortunately tend to draw smaller audiences and often cost much more to stage than standards in the orchestral and operatic canon.

This climate arguably puts a greater burden on people like Harris to continue to further new music. "If we are concerned about the audience for music of tomorrow we must give great attention to the composers of today," he remarks. And as much of a novelty the first performance of a work is, it is only repeat performances of the work that will allow it to become accepted.

"Helping the birthing process of a new piece is inherently rewarding," says Harris. "However, the deeper reward comes once the piece has gone out into the world, so to speak, and grown up on its own via multiple performances, recordings, etc. The role of the conductor should be to shepherd the pieces beyond the initial performance."

The initial performance, however, should prove to be an exciting affair.

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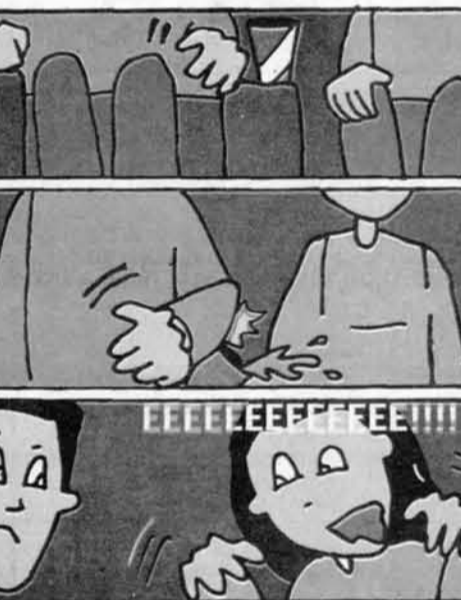
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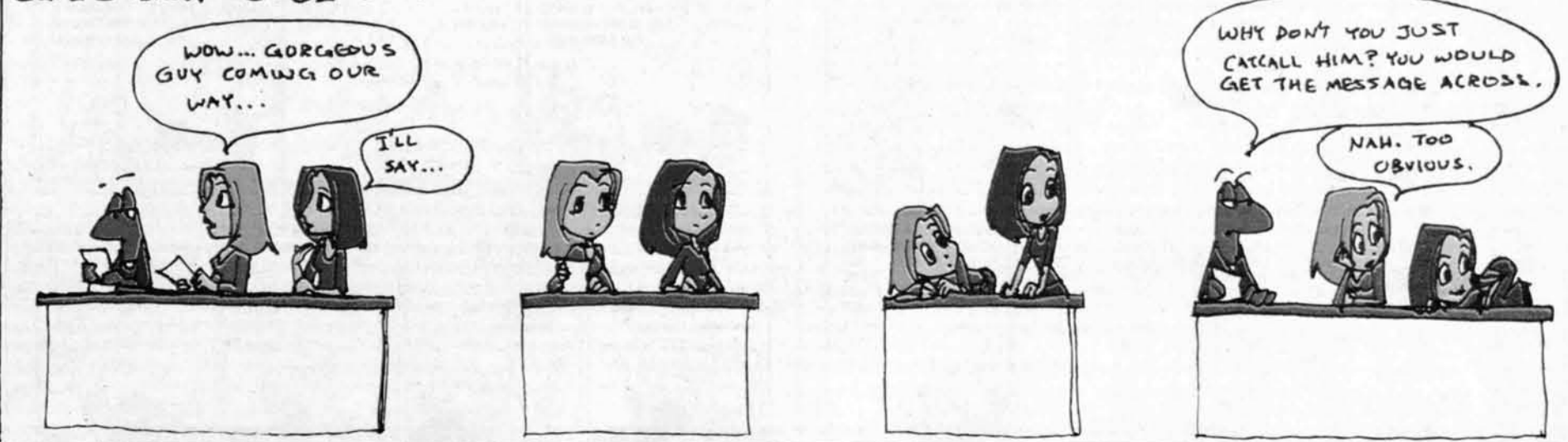
ALISON WONG



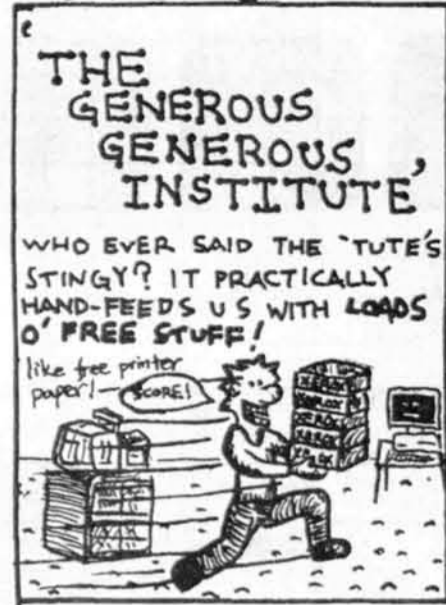
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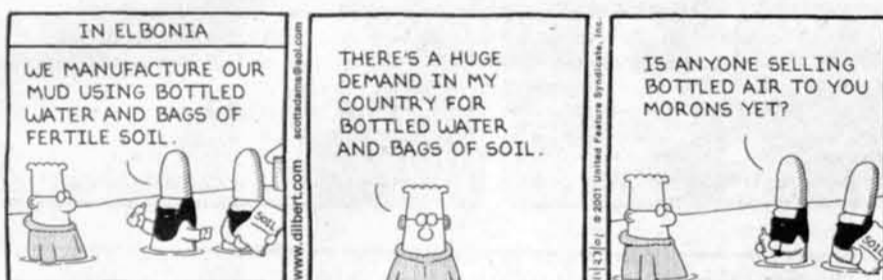
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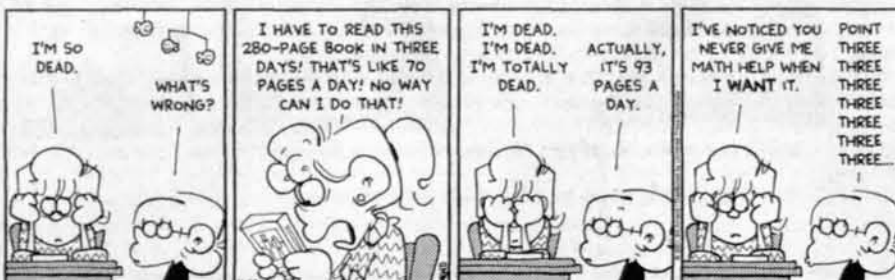
Dilbert

by Scott Adams



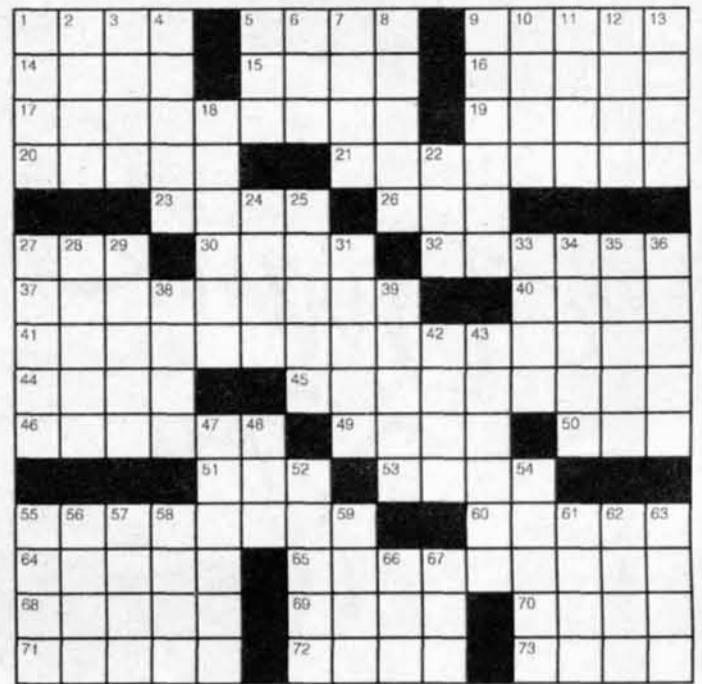
FoxTrot

by Bill Amend



Crossword Puzzle
Solution, page 15

- | | | | |
|--------------------------------|-------------------------------|------------------------------|------------------------|
| ACROSS | 45 Settle | 4 Become swollen | excitement |
| 1 Young sheep | 46 Sign an oath | 5 Health resort | 35 Salon dye |
| 5 Sign at a corner | 49 City slicker | 6 Chasing game | 36 Beasts of burden |
| 9 TV line | 50 Notes of scales | 7 Creative work | 38 Cruel boss |
| 14 Egg-shaped | 51 "The ___ and the Pussycat" | 8 Word with attack or button | 39 Arrangement |
| 15 "___ Don't Preach" | 53 High point | 9 Movies | 42 Relinquish |
| 16 Relative by marriage | 55 Monopoly purchase | 10 Soon | 43 Formal agreement |
| 17 Scoundrel | 60 Relative speed | 11 United group | 47 Reddish-brown horse |
| 19 Nary a soul | 64 Film award | 12 Beatles song, "Penny ___" | 48 A couple |
| 20 Take an oath | 65 Classic stuffed toy | 13 Wide-spouted pitcher | 52 Carpentry machine |
| 21 Gun attachment | 68 Element | 18 Dessert like sherbet | 54 Shish ___ |
| 23 Lights out | 69 Musical of the '60s | 22 Set (down) | 55 Lasso |
| 26 Multiply-curved wheel | 70 Diva's number | 24 Trudge | 56 Eastern continent |
| 27 Lobster catcher | 71 Studio stand | 25 Unbroken | 57 Frosts |
| 30 Secret plan | 72 Nervous | 27 Turkish nabob | 58 Shoestring |
| 32 Honda competitor | 73 Big Ben, e.g. | 28 Band of eight | 59 Deceased |
| 37 Parthenon site | | 29 Characteristic | 61 Slight |
| 40 Lincoln and Fortes | DOWN | 31 Weary | 62 Kid's beach item |
| 41 Non-dialogue parts of plays | 1 Forfeiture | 33 Impair | 63 Dental exam? |
| 44 Will beneficiary | 2 Confess | 34 In a state of | 66 Shift dirt |
| | 3 Lion's pride | | 67 Matter-of-fact |



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Events Calendar

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

Tuesday, November 27

- 10:00 a.m. - 5:00 p.m. - **MIT Glass Lab Holiday Sale.** Get your holiday gift shopping done early with fabulous hand-crafted glassware.. free. Room: Lobby 10. Sponsor: Materials Science and Engineering.
- 11:00 a.m. - 3:00 p.m. - **Japanese Tea Ceremony Lessons.** The Japanese Tea Ceremony Lessons take place on Tuesdays at McCormick Hall (320 Memorial Drive). Come anytime between 11 A.M. - 3 P.M. The fee is \$3 for students, \$5 for others. New students are welcome at any time during the semester. Each student will receive individual instruction based on his or her level of experience. The best way to learn the ceremony is to attend lessons on a regular basis. If you are interested, you are welcome to observe a class and to speak with Mrs. Wada about the lessons.. \$3 for students, \$5 for others. Room: McCormick Hall. Sponsor: spouses&partners@mit, MIT Women's League.
- 12:00 p.m. - 2:00 p.m. - **A Genealogy of Altruism in Modern Biology.** Dibner Institute Lunchtime Colloquium. free. Room: E56-100. Sponsor: Dibner Institute.
- 12:00 p.m. - 1:00 p.m. - **Microsoft Word User Group.** The MIT Microsoft User Group (WUG) is for people at MIT, from beginners to experts, who are using or interested in learning to use Microsoft Word word processing software. . free. Room: N42 Demo Center. Sponsor: Information Systems.
- 12:00 p.m. - 1:00 p.m. - **New Features in Word 2002 Quick Start.** Discover the new enhancements to Word 2002 and learn which features may optimize your usage of Word. New features include task panes, smart tags, non-contiguous selection, speech and handwriting recognition, and recovery. . free. Room: N42 Demo Center. Sponsor: Information Systems.
- 4:00 p.m. - 6:00 p.m. - **Leaders in Innovation .** Fractals in Science, Engineering and Finance (Roughness and Beauty). free. Room: Bldg. 54-100 . Sponsor: Office of Corporate Relations/ILP.
- 4:15 p.m. - 5:15 p.m. - **Chirality transformations propagating on bacterial flagella.** Refreshments will be served at 3:30 PM in Room 2-349.. free. Room: Room 2-338. Sponsor: Physical Mathematics Seminar. Department of Mathematics.
- 4:15 p.m. - 5:30 p.m. - **GTL Seminar.** Microturbopump Update. free. Room: 31-161. Sponsor: Gas Turbine Laboratory.
- 4:30 p.m. - 5:30 p.m. - **"Differential function spaces and the topological index on manifolds with corners II"**. Organizers: M. Hopkins, R. Melrose, H. Miller and I.M. Singer. free. Room: 2-131. Sponsor: Topology and Analysis of Manifolds with Corners. Department of Mathematics.
- 5:30 p.m. - 7:30 p.m. - **Inventing Modern America - Book Release and Panel Discussion.** Please join us as we celebrate the publication of Inventing Modern America (MIT Press, 2001) with a book release party and panel discussion about invention featuring some of America's leading inventors and innovators. Guests will include: Doug Engelbart Computer visionary, and inventor of the computer mouse. Brian Hubert Inventor of world's first universal "pick-and-place" nano-assembly machine. Raymond Kurzweil Inventor of speech recognition systems, and bestselling author of "The Age of Spiritual Machines." Robert Langer Pioneering biomedical engineer whose innovations have revolutionized drug-delivery systems. Steve Wozniak Inventor of the Apple personal computer, and co-founder of Apple Computer, Inc. Free and open to the public. For more information call 617-253-3352.. free. Room: Wong Auditorium (MIT E51-115). Sponsor: Lemelson-MIT Program, The MIT Press Bookstore. MIT Libraries.
- 6:00 p.m. - **Women's Basketball vs. Anna Maria College.** free. Room: Rockwell Cage. Sponsor: Department of Athletics.
- 6:30 p.m. - **Catherine Bauer Wurster.** Architecture lecture by Taina Rikala, Birmingham School of Architecture.. free. Room: Rm 10-250. Sponsor: Department of Architecture.
- 7:00 p.m. - 1:00 a.m. - **Ladies Night at the Ear.** Every Tuesday is Ladies Night at The Thirsty Ear Pub, with special Tuesday-only beverage offerings. The Thirsty Ear Pub is located in the Ashdown House basement. Enter through the courtyard. Hours: Monday: 8 p.m. - 12 am, Tuesday - Thursday: 7 p.m. - 1 am, Friday: 4 p.m. - 1 am. Must be over 21. Proper ID required. No cover for the ladies (or the guys). Room: The Thirsty Ear Pub. Sponsor: The Thirsty Ear Pub.
- 7:30 p.m. - **Women's Ice Hockey vs. Southern Maine.** free. Room: Johnson Ice Rink. Sponsor: Department of Athletics.
- 7:30 p.m. - 8:30 p.m. - **Exploring a Major.** Beginning to think about a major? IAP offers many unique opportunities for exploration, and that is just the beginning. This workshop will help you to find ways to experience a major before declaring one.. free. Room: Talbot Lounge, East Campus. Sponsor: Learning Strategies.
- 8:00 p.m. - **Men's Basketball vs. Framingham State.** free. Room: Rockwell Cage. Sponsor: Department of Athletics.
- 5:01 a.m. - **\$30,000 Lemelson-MIT Student Prize.** An annual \$30,000 award presented to an MIT senior or graduate student who demonstrates remarkable inventiveness. Applications must be received on or before 4PM, Friday, January 11, 2001.. free. Sponsor: Lemelson-MIT Program.

Wednesday, November 28

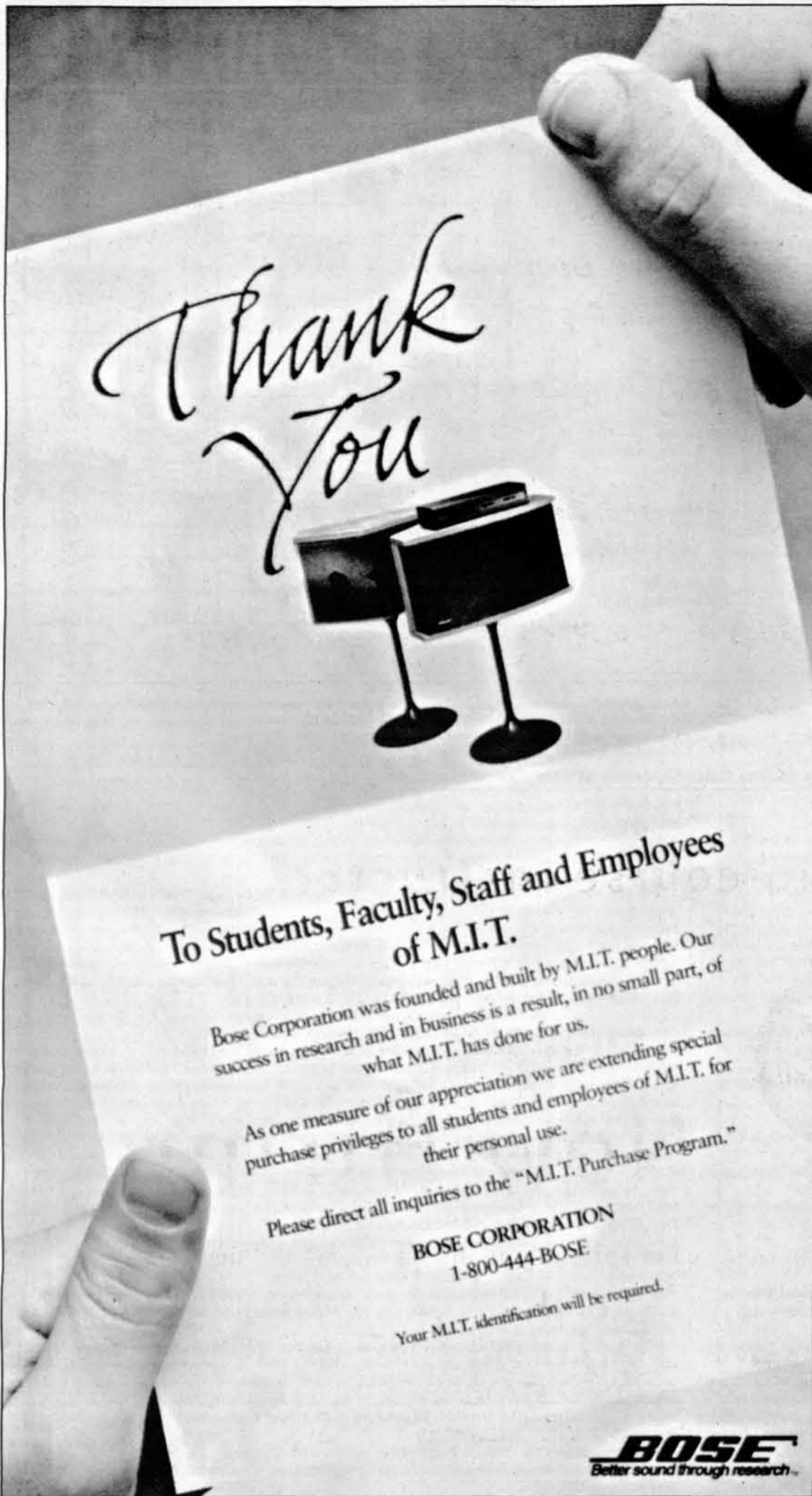
- 11:00 a.m. - 12:00 p.m. - **Optics .** Holographic Information Systems. free. Room: 34-401B (Grier Room). Sponsor: Optics.
- 12:00 p.m. - 1:30 p.m. - **Corporate Strategy, Regulation and Global Competition.** For some time, governments at all levels have been seeking more effective and efficient regulatory approaches to involve the business community in improving their environmental performance. But, to date, neither the regulatory policy debate nor analyses of alternative regulatory approaches has included a systematic assessment of the benefits to corporate agents of significantly enhanced environmental performance. What is needed is a better understanding of the strategic opportunities and benefits for industry arising from environmental performance investments or from corporate initiatives to promote more effective industry standards, more stringent regulations, or voluntary performance enhancement strategies. Such research would benefit not only government regulators and public interest groups, but also industry itself. In our discussion we will examine two categories of case examples: one category that involves firms that pursued "minimalist" environmental risk mitigation strategies in response to regulatory requirements, etc., and one category that involves companies that have actively pursued superior environmental performance programs as part of their overall corporate competitive strategy. Are there any examples of firms gaining competitive market advantage from such actions? If so, to what extent may

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- this business strategy also be replicated in other contexts?. free. Room: E40-391. Sponsor: Laboratory for Energy and the Environment.
- 12:00 p.m. - 1:00 p.m. - **Finals Preparation.** Final exams are approaching; learn how to best prepare for exams and final projects, minimize stress and finish strong.. free. Room: W20-407. Sponsor: Learning Strategies.
- 12:00 p.m. - 1:30 p.m. - **Overview Of Purchasing On The Web Quick Start.** This demo integrates all aspects of using SAPweb for purchasing including requisitioning external vendors, internal providers and preferred partners. In this session we will introduce the SAPweb requisitioning form, the new online catalogs and purchasing procedures for buying from preferred partner vendors, including Office Depot, VWR,BOC Gases and NECX. We will demonstrate how the new online ordering system interfaces with SAPweb and we will talk about how this new process differs from the ECAT purchasing process. . free. Room: N42 Demo Center. Sponsor: Information Systems.
- 12:10 p.m. - 1:10 p.m. - **Physical Oceanography Sack Lunch Seminar.** "Internal Tide Generation on a Corrugated Coast" free. Room: 54-915. Sponsor: Physical Oceanography.
- 2:30 p.m. - 5:00 p.m. - **spouses&partners@mit: Ice Skating on the Frog Pond.** Join us for ice skating on the Boston Common. The entrance fee is \$3 (children under 13 years are free), and you can rent skates for \$5. If you don't want to skate, you can just come and watch. Meet at the MIT Coop in Kendall Square at 2:30 P.M. We will take the T to the Park St. Station (Red Line).. \$3 entrance fee, \$5 skate rental. Room: Meet at the Kendall Square T Station. Sponsor: spouses&partners@mit.
- 4:00 p.m. - 5:00 p.m. - **HPCES Seminar.** "Mathematical Modeling and Numerical Simulation of the Cardiovascular System". free. Room: 4-237. Sponsor: Singapore-MIT Alliance/HPCES.
- 4:15 p.m. - 5:15 p.m. - **Webs in Grassmann Cells.** Refreshments will be served at 3:30 PM in Room 2-349.. free. Room: Room 2-338. Sponsor: Combinatorics Seminar. Department of Mathematics.
- 5:00 p.m. - 7:00 p.m. - **Leaders in Innovation.** Shaping the Mobile World. free. Room: Wong Auditorium, Tang Center . Sponsor: Office of Corporate Relations/ILP.
- 6:00 p.m. - 8:00 p.m. - **The Divine Nine: The History of African American Fraternities .** Lawrence Calvin Ross, Jr. author of "The Divine Nine: The History of African American Fraternities and Sororities." Lecture and Book Signing: 11.28.01, 6pm. FREE ADMISSION. Limited Capacity, Please Arrive Early.. free. Room: MIT, 10-250. Sponsor: Alpha Kappa Alpha - Lambda Upsilon.
- 7:00 p.m. - 9:00 p.m. - **MIT Objectivist Club general meeting.** The MIT Objectivist Club's general meetings. We discuss topics in philosophy and how they relate to different aspects of our world today. This term, we will also be having weekly study sessions, probably in epistemology, the philosophy of knowledge.. free. Room: 10-280 (Oct. 3), 4-144 (Oct. 10-Dec. 12). Sponsor: MIT Objectivist Club.
- 7:30 p.m. - 8:30 p.m. - **The American Exploitation of Caribbean Economies.** Part of MIT Caribbean Weekend 2001. Talk by Jamal Brathwaite, Political Economist at Northeastern University. Discussion around various issues regarding US-Caribbean Trade relations and history. free. Room: 4-237. Sponsor: Caribbean-Club.
- 7:30 p.m. - 9:30 p.m. - **Renaissance Dancing.** There are many forms of Renaissance Dancing that we practice. From Italian balli to courtly pavans to English country. We dance them all with flair and fun. Dress is common street clothing. No experience necessary; instruction is provided. free. Room: W20 (Sala or 407 or 491). Sponsor: Society for Creative Anachronism.
- 8:00 p.m. - 10:30 p.m. - **IFilm Movie Seminar.** Each IFILM Movie Seminar examines one international movie: a foreign movie or a movie made by an American independent producer. Each educational screening is preceded by an introduction and followed by a small discussion. ALL MOVIES HAVE ENGLISH SUBTITLES. Details are announced on the IFilm web page at <http://www.mit.edu/~ifilm> .. free. Room: 4-237. Sponsor: Graduate Student Council, International Film Club.

Thursday, November 29

- 12:00 p.m. - **MIT Chapel Concert: MIT Chamber Orchestra.** Dante Anzolini, music director. Works of Britten, Bach.. free. Room: MIT Chapel. Sponsor: Music and Theater Arts Section.
- 3:30 p.m. - 5:00 p.m. - **LCS Distinguished Lecturer Series.** Nadine Strossen, President, American Civil Liberties Union, "Defending Cyberporn". free. Room: 34-101, 50 Vassar St.. Sponsor: Laboratory for Computer Science.
- 4:00 p.m. - 5:00 p.m. - **Controlling the Global Weather: Is it time to start a discussion now?.** free. Room: 54-915. Sponsor: MIT Atmospheric Science Seminars.
- 4:15 p.m. - **M.I.T. Physics Colloquium .** "The Quantum Hall Effect meets Bose Condensation" . free. Room: 10-250. Sponsor: Physics Department.
- 4:15 p.m. - **Promoting New Medical Technology to Large Companies.** As part of its Biomedical Engineering Seminar Series, the Harvard-MIT Division of Health Sciences and Technology presents the third of four seminars on how to take your ideas to market. Norm Jacobs will explore the challenge of generating interest from large companies in acquiring rights to novel medical technology. He will discuss his experience with structuring licenses and in forming alliances with major medical device and pharmaceutical companies.. free. Room: E25-111. Sponsor: HST.
- 4:15 p.m. - 5:30 p.m. - **Oil Consumption Mechanisms and the Effects of Engine Operating Conditions in a Production Spark Ignition Engine.** Fall 2001 Sloan Automotive Laboratory/Energy Systems Seminar Series. free. Room: 31-161. Sponsor: Sloan Automotive Laboratory.
- 4:15 p.m. - 5:15 p.m. - **Assessing The Benefits of Demand Information Sharing in a Simple Supply Chain.** ORC Fall Seminar Series. Seminar followed by reception in E40-106. . free. Room: E56-270. Sponsor: Operations Research Center.
- 7:00 p.m. - **Men's Ice Hockey vs. Bryant College.** free. Room: Johnson Ice Rink. Sponsor: Department of Athletics.
- 8:00 p.m. - 10:30 p.m. - **IFilm Movie Seminar.** Each IFILM Movie Seminar examines one international movie: a foreign movie or a movie made by an American independent producer. Each educational screening is preceded by an introduction and followed by a small discussion. ALL MOVIES HAVE ENGLISH SUBTITLES. Details are announced on the IFilm web page at <http://www.mit.edu/~ifilm> .. free. Room: 4-231. Sponsor: Graduate Student Council, International Film Club.



MIT Dining System Requires Subsidies

Dining, from Page 1

in subsidizing dining," Kolenbrander said.

The packet recommends that the system become financially self-sufficient in its operations, providing direct feedback to providers through participant expenditures.

"That has strong implications," Kolenbrander said.

High costs attributed to variety

Kolenbrander said that the wide range of dining options on campus increases costs for vendors and the Institute itself. Aramark spends a great deal of "time and energy trying to provide many food options," which is an expensive endeavor, Kolenbrander said. He suggested that MIT might need "a contraction in the range of services something like a Lobdell can provide."

MIT also spent more than \$1 million on personal cooking last year. These expenses include kitchen renovations and utility costs.

Data for the food trucks were not included in the information packet because they were not available to the board.

However, Kolenbrander said the food trucks "stand as a powerful example of the benefits of many vendors, strong competition, and clear accountability paths."

Student reactions mixed

Undergraduate Association Committee on Student Life co-chair Parul Deora '04 said the main concerns she had heard from students were "the possible threat to existing communities, the mandatory plan, and the quality of service."

"All three of those concerns were addressed [by the board], with the support of personal cooking and the stand that mandatory is not acceptable," she said.

The packet also emphasized the lack of a strong definition of "community" with regards to dining.

"There is no shared understanding of community ... but it has been used to justify significant changes" at MIT, Kolenbrander said.

Vikash K. Mansinghka '04, who started a petition against the proposed mandatory meal plan earlier this term, was pleased with the goals laid out in the packet.

"I'm fairly happy with the Dining Board's recent report," Mansinghka said. "It captures most of the 'common sense' elements I consider critical." These include optional participation, direct financial feedback for vendors, and extensive student feedback.

Deora also said "there are more solid action steps that need to be outlined."

The packet is "not as detailed as some are going to hope," she said. "People had high expectations for tangible results ... but this is a good starting step."

Mansinghka hoped for better clarification on community dining. "I wish the statement regarding the lack of an understanding of community had been stronger," Mansinghka said. He also said the packet needed more specific examples of dining experiments.

Kolenbrander said that when Director of Campus Dining Richard D. Berlin III "[came] out with five plans, [people expected] the Campus Dining Board to come up with a sixth plan that you could line up point by point." Instead, the board chose to "redefine the vision of what dining at MIT is," Kolenbrander said.

Aramark contract expires soon

Aramark currently holds two contracts for campus dining service, covering all the prepared food on campus, but the contract expires at the end of this academic year.

"The odds of Aramark or any other company controlling that much of MIT dining [in the future] are very small," Kolenbrander said.

He said MIT would have to come up with a new system incorporating more accountability for vendors, but "it has to be attractive to the vendor, too."

"I think we will get some strong bids" from other vendors, Kolenbrander said.

Farver said students could expect to see significant changes to campus dining as early as fall of 2002.

The board plans to gather feedback from the community during the Independent Activities Period, Farver said.

The packet can be found at <http://web.mit.edu/dining/feedback/ipc.pdf>.

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Wednesday, December 5
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Thursday, December 6
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Solution to Crossword
 from page 9

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Tuesday, November 27, 5:30 pm
MIT Wong Auditorium, 2 Amherst St., Cambridge

Please join us as we celebrate the publication of *Inventing Modern America* (MIT Press, 2001) with a book release party and panel discussion about invention, featuring some of America's leading inventors and innovators. The discussion will be moderated by Christopher Lydon, and will last approximately one hour, followed by a question and answer session.

"*Inventing Modern America* is full of fascinating adventure stories about science, engineering, and technology. The book shows American inventors to be as diverse and as interesting as the things they invent." —Henry Petruski, Professor of History, Duke University

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This event is FREE, open to the public, and wheelchair accessible. Refreshments will be served.

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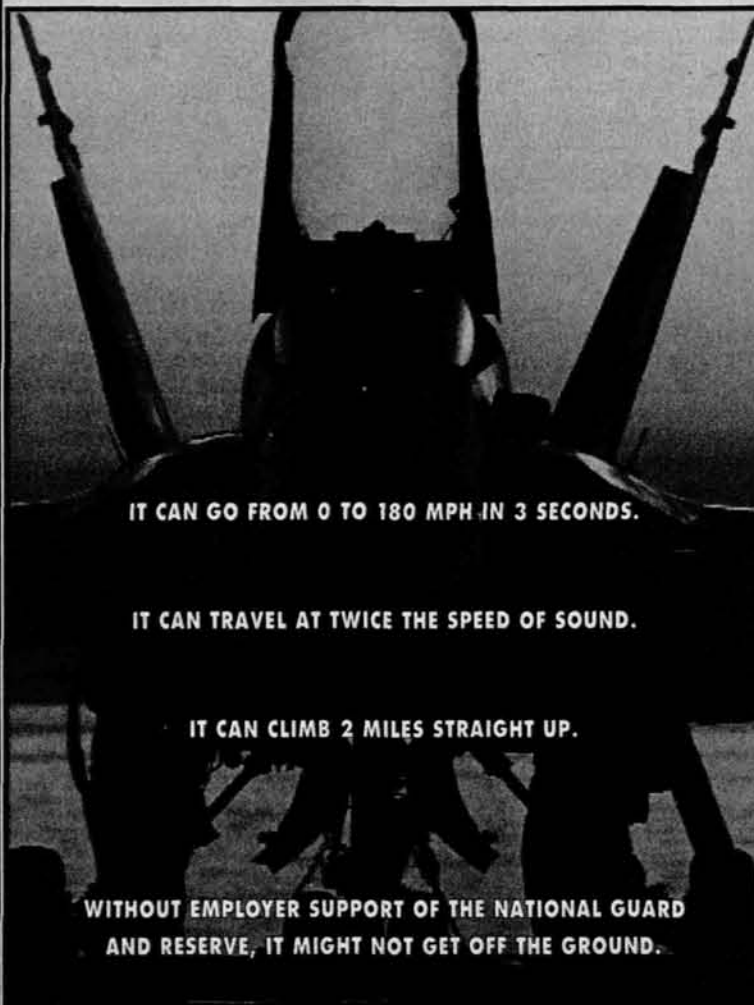
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CIA, DIA Recruiting Multilingual Citizens

TA, from Page 1

tion. Non-U.S. citizens cannot be considered for any positions at CIA or other government agencies.

Agencies seek language experts

The terrorist attacks and subsequent military action in Afghanistan have also increased the need for specialists in Middle Eastern languages, including Arabic, Dari, and Pashto. "We posted on our web site a special request for individuals who have fluency in Middle Eastern languages," Crispell said. "We are actively seeking and recruiting people who

have these language skills and will eventually work here."

CIA recruiters at MIT traditionally favor upperclassmen, but this year Samina Shaikh '05 was offered an internship for the summer after her freshman year. She will be working in the CIA Software and Application Development Division.

"It's fun. Who wouldn't want to work for CIA?," Shaikh said. "I've wanted to work for CIA since I was a child."

Shaikh, who can speak four different languages in addition to her science and technology skills, said that she was surprised to receive the offer.

Experienced Teaching Assistants Benefit from Financial Incentives

TA, from Page 1

mean 24 units," said M.Eng. candidate Benjamin M. Vandiver G, who has been a TA in Structure and Interpretation of Computer Programs (6.001) for the past three consecutive terms. "I spend eight to nine hours in tutorial, two hours a week in recitation, four to five hours grading, and then there's the prep work and office hours," Vandiver said. "It adds up."

When asked why he has accepted the demanding role of TA, Vandiver said, "it pays the bills, but more importantly, it's improved my teaching."

Vandiver supports the decision to raise TA stipends, and agrees that

it is very important that undergraduates have access to experienced TAs. "As a 6.001 TA, I see myself not only as a teacher, but also as a salesman for the major. With a term or two of experience under my belt, I feel like I'm a better resource for the students."

However, he is disappointed that, as an M.Eng. candidate, he is not eligible for the raise. Nonetheless, Vandiver said he plans to continue working on the 6.001 staff in the future.

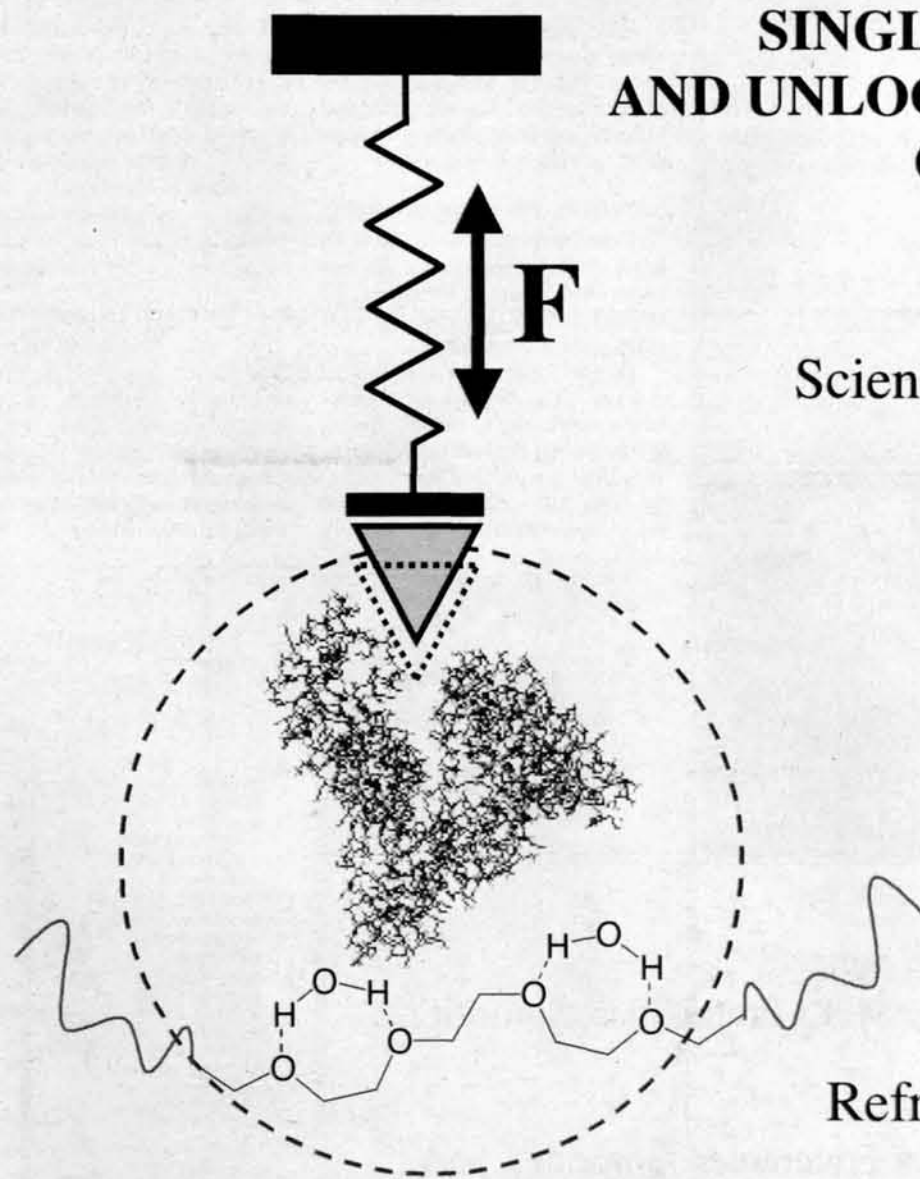
Baris I. Erkmen G, a doctoral candidate and a TA in Introduction to Communication, Control, and Signal Processing (6.011), is eligible for the bonus if he continues to teach next term.

"It's nice to see that the department recognizes the dedication of its hardworking graduate students," Erkmen said. As a Course VI undergraduate at MIT, Erkmen had his share of both good and bad TAs. While he never questioned the qualifications of his TAs, he often wondered about their motivation for teaching.

Erkmen does not plan to be a TA next term but said, "I would feel better equipped if I were to return to 6.011."

The deadline for spring TA appointments has been extended following the announcement of the bonus, Hennie said. MIT appoints nearly 700 graduate student teaching assistantships annually.

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**Come to the Kawamura Information Presentation on
Wednesday, November 28, 4:30 p.m.
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Unable to attend?

Contact Dean Andy Eisenmann eisen@mit.edu, 3-8444 or
Eric Thorsen ethorsen@mit.edu 3-7364
or visit the CoTech website: www.cotech.co.jp

Deutch Doubts U.S. Anti-Terrorism Plan

Deutch, from Page 1

person representing a government in order to make political gains, Deutch said.

America is now dealing with catastrophic terrorism, he said, where the attacks are against perpetrated against a society via weapons of mass destruction. These attacks are carried out by international organizations who have a new array of ways to disrupt society.

However, Deutch said that the combination of analytical efforts, human agents and technical tools "can be quite powerful." Even if all of these methods are practiced, however, this "will not give us 100 percent protection."

Deutch outlines goals for MIT

After discussing what America must do to combat terrorism, Deutch gave MIT four goals to focus on. The first three were specifically addressed to MIT's science departments, calling for greater study of biological technology, development of better protection for information infrastructure, and developing aviation security.

The fourth goal, which Deutch called the most important, involved revitalizing efforts on studying foreign countries. Deutch said that MIT has a great ability to contribute to all four national interests.

Security agencies must cooperate

Deutch explained that combating terror characterizes how our government should work. However, he said that the U.S. government is not organized for this at all.

Deutch proposed a series of ways to make America more effective at combating terrorism, starting by integrating the intelligence agencies. Deutch explained that the CIA, the National Security Agency and the Defense Intelligence Agency

have a motivation that focuses on defense, whereas the Federal Bureau of Investigation focuses on judicial procedure. He said that these departments must have some overseeing power to unify their respective efforts, but he added that "we're not well equipped to do it."

While noting that the Office of Homeland Security had been created for this specific purpose, Deutch explained that money is needed to support this new department. Right now, the Office of Homeland Security is unlikely to make a large difference, Deutch said, since there is no budget authority and thus no staff.

Deutch said that another big problem is that there is no intellectual background or precedence for such an organization. As a result, not only does the Office of Homeland Security not have the means to unify the various intelligence and law enforcement branches, but also the office has no clear goal.

Deutch also addressed the relatively new anti-terrorism bill, also known as the Patriots Act. Outlining certain components such as the ability to get foreign student and faculty information more easily and the ability to get businesses to hand over databases to the government for tracing terrorist activity, Deutch declared that such powerful tools are going to be misused and exploited. However he made it clear that such powers were now required, saying that America "must fight [terrorism] in every way possible."

U.S. must focus on roots of terror

In order to combat terrorism, Deutch said, the U.S. government has a responsibility to understand the dynamics that drive other communities and groups. He said that the massive poverty and frustration festering in many nations around the world must be understood.

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Description:

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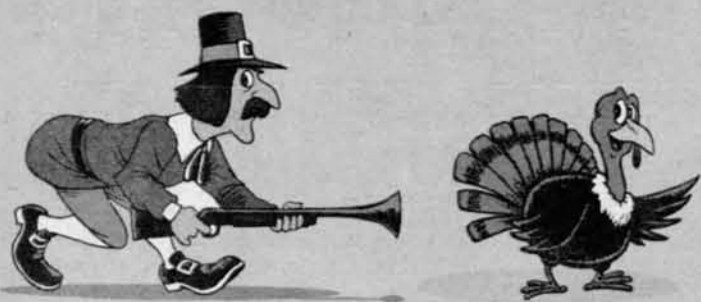
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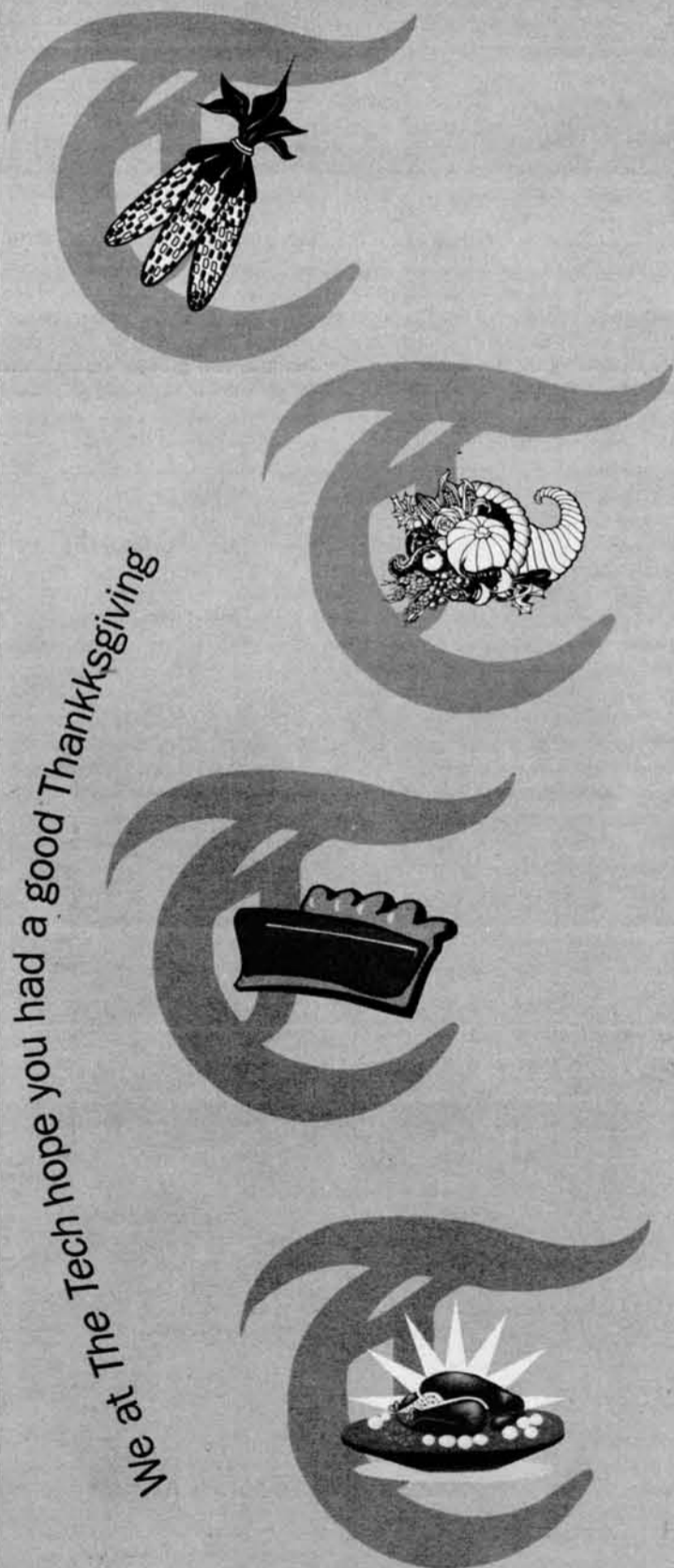
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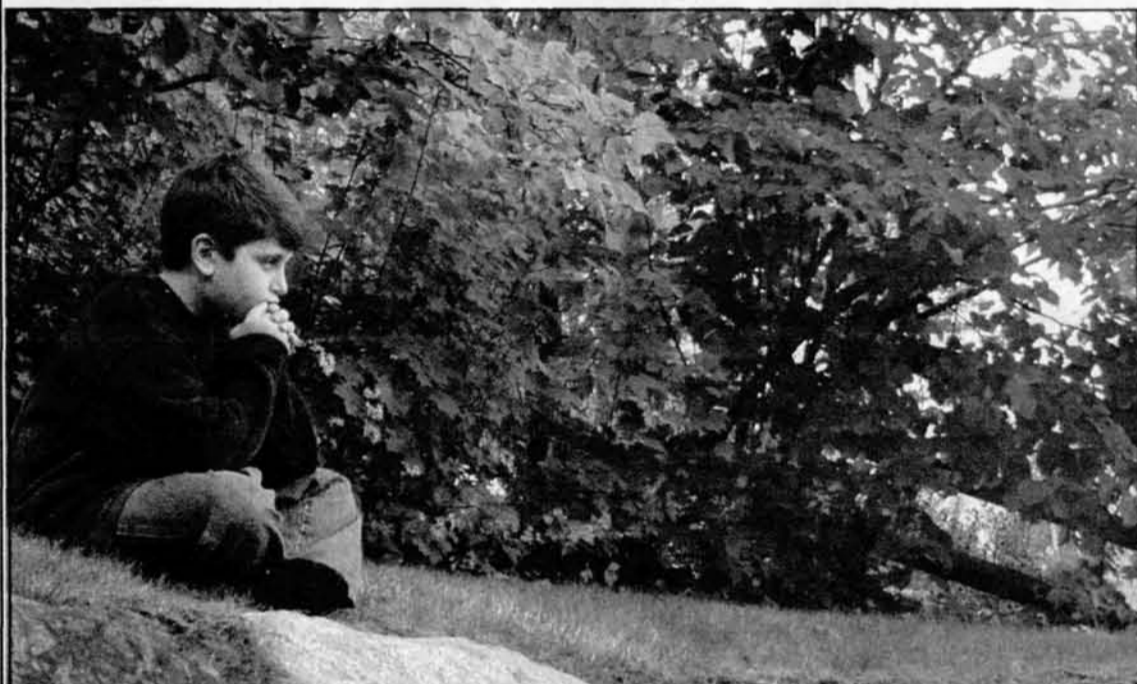


Photo: Brandon Bolwin

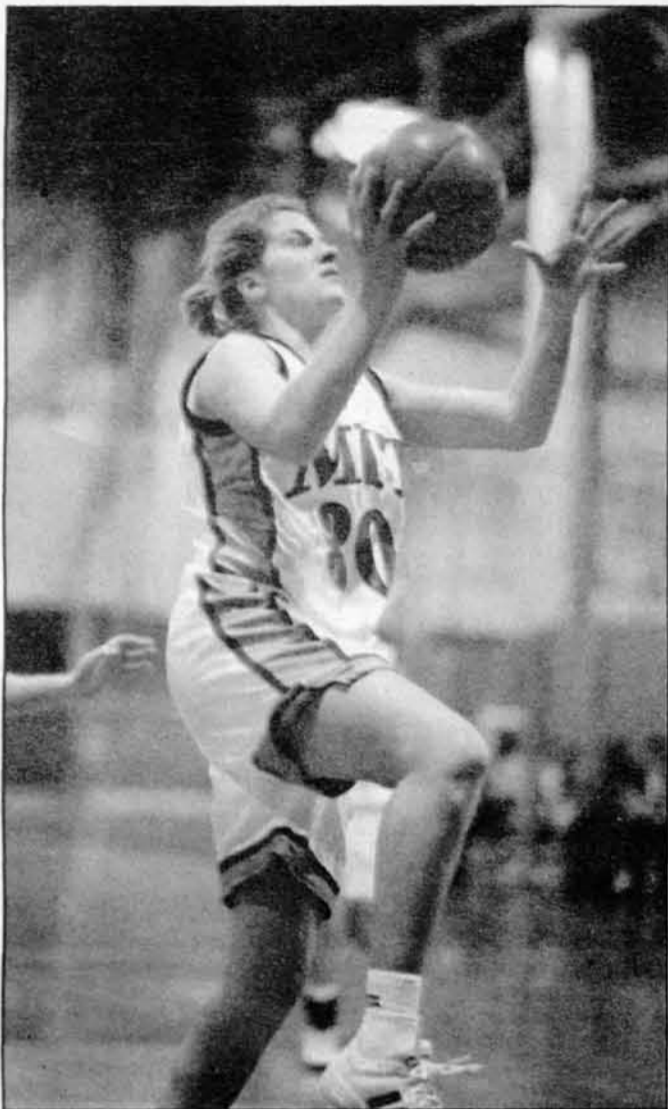
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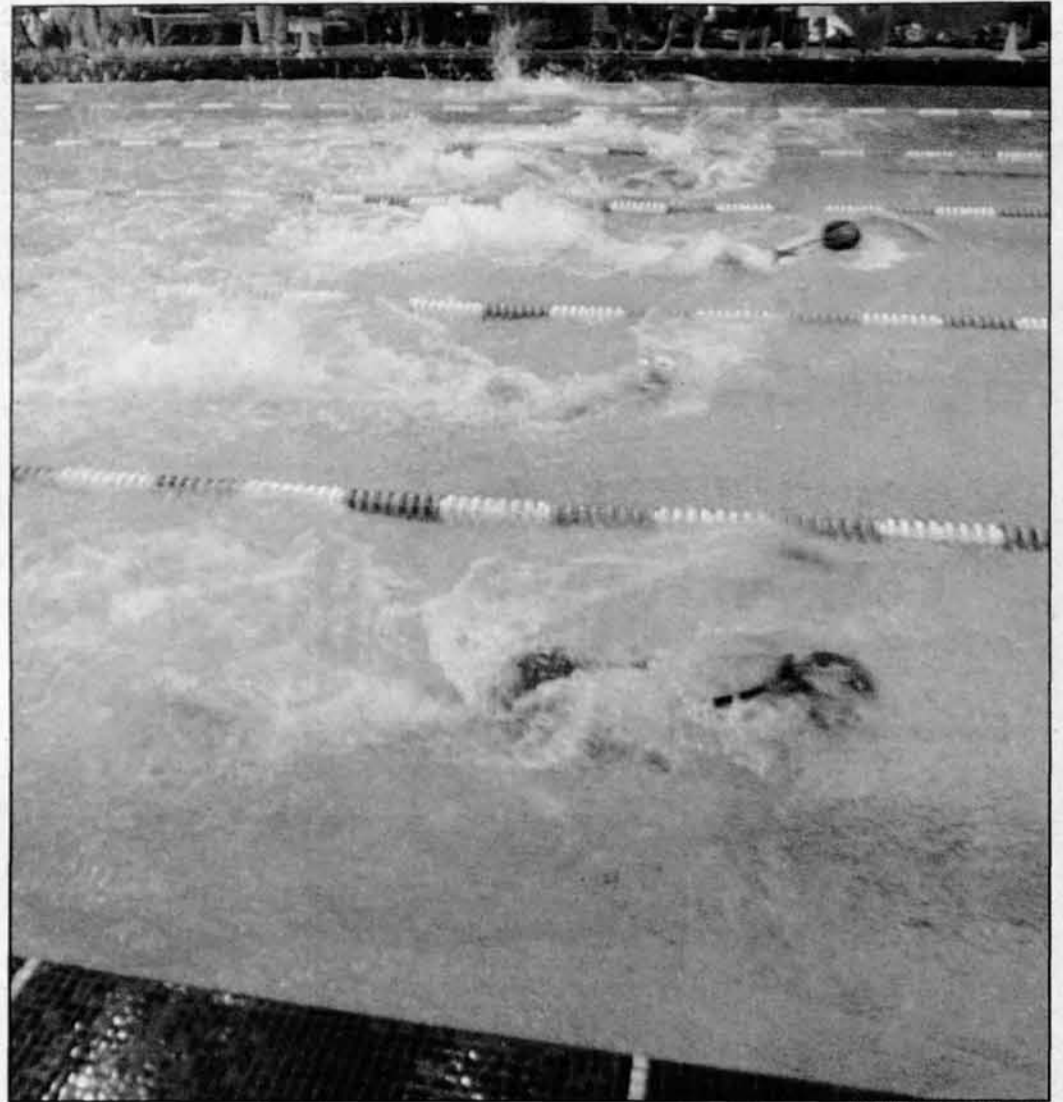


SPORTS



AARON D. MIHALIK—THE TECH

Helana M. Kadyszewski '03 goes up for a layup during the Women's Basketball game against Regis College on Tuesday. MIT defeated The Pride, 70-36.



JASON LAPENTA—THE TECH

MIT swimmers and divers defeated Wellesley last Tuesday, 189-110.

UPCOMING HOME EVENTS

Tuesday, November 27

Women's Basketball vs. Anna Maria College, 6:00 p.m.
Women's Ice Hockey vs. Southern Maine, 7:30 p.m.
Men's Basketball vs. Framingham State, 8:00 p.m.

Thursday, November 29

Men's Ice Hockey vs. Bryant College, 7:00 p.m.

Friday, November 30

Men's Basketball vs. RPI, 7:00 p.m.
Women's Ice Hockey vs. Salve Regina, 7:30 p.m.

Saturday, December 1

Men's Basketball vs. Cal Tech, 1:00 p.m.
Squash vs. Colby College and Cornell, 2:00 p.m.
Women's Ice Hockey vs. College of Holy Cross, 4:00 p.m.
Men's Ice Hockey vs. Coast Guard, 8:00 p.m.



YIXIE—THE TECH

Danny Kanamori '05 makes a reverse layup to help the Engineers win 66-65 over Suffolk University.

WEIGHT CONCERNS STUDY

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Men's Basketball

Saturday, November 24, 2001

Suffolk University at MIT

	1	2	Total
Suffolk	23	42	65
MIT	30	36	66

	FG	3PT	FT	R	PF	Pts	A	TO	BLK	STL
MIT	10-20	3-8	5-8	5	12	28	52	2	0	0
Danny Kanamori	3-10	1-4	5-8	5	0	12	9	2	0	0
Andrew Tsai	2-10	1-7	0-0	3	1	5	1	1	0	1
Adam Gibbons	2-13	2-5	7-7	2	0	23	0	2	1	1
Josh Packard	2-3	0-1	0-0	7	3	4	1	2	1	0
Yuko Bokarty	5-13	0-0	3-5	7	3	13	1	2	2	0
Alexander Phillips	0-2	0-0	2-4	3	1	2	0	1	0	0
Road Brewer	1-2	0-1	0-0	0	0	2	0	2	0	0
Stuart Loral	1-2	0-0	0-0	1	0	2	0	1	0	0
Michael Hahn	0-1	0-0	1-4	2	3	2	0	0	0	0
Selvanth Nerrath	0-2	0-0	0-0	1	0	1	1	1	0	0
Total	25-58	4-18	25-29	36	11	66	15	14	4	3

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Women's Basketball

Saturday, November 20, 2001

Regis College at MIT

	1	2	Total
Regis College	18	18	36
MIT	39	31	70

	FG	3PT	FT	R	PF	Pts	A	TO	BLK	STL
MIT	18-34	4-12	11-15	8	17	33	55	7	3	0
Megan Daugherty	6-11	2-3	5-5	7	3	15	4	5	0	3
Silvia Johnson	6-11	0-0	0-0	1	0	9	0	1	0	1
Cecily Way	2-4	0-0	0-0	6	2	4	0	3	1	5
Romy Mok	6-13	2-4	0-0	6	2	14	3	2	0	1
Crystal Russell	4-10	0-0	0-0	0	0	8	10	0	1	2
Jeanne Rutland	0-3	0-0	0-1	1	1	0	0	3	0	2
Helena Kadyszewski	1-2	0-0	0-0	4	1	2	0	3	0	4
Lauren Tsai	3-7	1-4	3-4	5	1	10	1	1	1	1
Colette Yang	0-0	0-0	2-4	2	1	2	0	4	1	2
Madison Bessley-Strigan	2-4	0-0	0-0	3	0	4	0	0	0	0
Blue Connolly	0-2	0-0	1-2	3	1	1	0	0	0	1
Elizabeth Linn	1-1	0-0	0-0	0	1	2	0	1	0	0
Adrienne Ivers	0-1	0-0	0-2	1	0	0	0	0	0	0
Total	27-69	5-21	11-16	64	12	70	18	29	8	20



Look at news from a different point of view: **THROUGH THE LENS.**

JOIN THE TECH PHOTOGRAPHY DEPARTMENT. meetings every Sunday night at 6pm, W20-483 or email us at photoeds@the-tech.mit.edu

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